EPA Region 5 Records Ctr.
229691

VOLUME II

BASELINE
ECOLOGICAL RISK
ASSESSMENT

SAUGET AREA 2
SITES

SAUGET, IL

AQUATIC
ASSESSMENT

TABLES
FIGURES
APPENDICES

amec

DRAFT BASELINE
ECOLOGICAL RISK ASSESSMENT

SAUGET AREA 2 SITES
(SITES O, P, Q, R, S)
SAUGET, ILLINOIS

VOLUME II

AQUATIC ASSESSMENT TABLES
AQUATIC ASSESSMENT FIGURES
AQUATIC ASSESSMENT APPENDICES

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Version 3

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Table 3-1. Latitudes and longitudes (GPS Coordinates) of aquatic sampling locations in Mississippi River.

Site ID	Latitute	Longitude	Comments
Pond Sampling Location			
P1	38.35' 12.0"	90.12' 2.5"	(Pond near Site Q)
Riverine Sampling Location			
R1BU	38. 37' 0.7"	90.10' 50.7"	
R1AU	38.37' 1.2"	90.10' 49.7"	
RICM	38.36' 58.5"	90.10' 52.0"	Bank lat:38.36' 57.9" and
RIBM	38.36' 58.1"	90.10' 49.4"	long: 90.10' 47.4"
R1AD	38.36' 54.1"	90.10' 51.7"	
R1BD	38.36' 53.5"	90.10' 52.1"	
R1AM	38.36' 54.4"	90.10' 52.1"	
R2BU	38.36' 26.0"	90.11' 0.4"	Bank lat:38.36' 26" and
R2AU	38.36' 26.3"	90.11' 1.2"	long: 90.11' 0.4"
R2CM	38.36' 22.7"	90.11' 5.9"	
R2BM	38.36' 22.2"	90.11' 4.2"	
R2AM	38.36' 20.7"	90.11' 5.1"	
R2BD	38.36' 19.7"	90.11' 5.0"	
R2AD	38.36' 19.5"	90.11' 4.9"	
R3BU	38.35' 48.3"	90.11' 24.8"	
R3AU	38.35' 47.8"	90.11' 23.4"	
R3CM	38.35' 45.8"	90.11' 28.8"	
R3BM	38.35' 44.8"	90.11' 26.8"	
R3AM	38.35' 44.9"	90.11' 25.3"	
R3BD	38.35' 26.5"	90.11' 42.0"	
R3AD	38.35' 26.5"	90.11' 42.0"	
R4BU	38.35' 26.3"	90.11' 42.0"	
R4AD	38.35' 10.8"	90.12' 5.6"	
R4BD	38.35' 23.2"	90.11' 48.0"	
R4AM	38.35' 24.4"	90.11' 43.7"	Bank lat:38.35' 24" and
R4BM	38.35' 23.7"	90.11' 43.5"	long: 90.11' 43.1"
R4CM	38.35' 24.4"	90.11' 44.0"	
R4AU	38.35' 25.5"	90.11' 41.2"	
R5BN	38.35' 11.8"	90.12' 2.5"	
R5AN	38.35' 11.1"	90.12' 2.1"	Bank lat:38.35' 9.4" and
R5AU	38.35' 9.7"	90.12' 5.2"	long: 90.12' 7.6"
R5AM	38.35' 7.7"	90.12' 7.7"	
R5BD	38.35' 6.9"	90.12' 11.9"	Sediment samples not collected
R5AD	38.35' 6.1"	90.12' 11.2"	Sediment samples not collected
R5CM	38.35' 9.7"	90.12' 9.3"	
R5BM	38.35' 8.4"	90.12' 8.5"	
R5BU	38.35' 10.7"	90.12' 5.5"	

Table 3-1. Latitudes and longitudes (GPS Coordinates) of aquatic sampling locations in Mississippi River.

Site ID	Latitute	Longitude	Comments
Riverine Sampling Locations (Contd.)			
R6CM	38.35' 2.6"	90.12' 22.3"	
R6BM	38.35' 1.6"	90.12' 20.8"	
R6AM	38.35' 1.1"	90.12' 19.8"	
R6BU	38.35' 2.1"	90.12' 18.2"	
R6AU	38.35' 2"	90.12' 18.3"	
R6BD	38.35' 0.4"	90.12' 22.0"	**Sampling Cancelled; no samples collected**
R6AD	38.35' 0.4"	90.12' 21.1"	Bank lat: 38.36'3.3" and long: 90.11' 16"

Site ID Key for Riverine Sampling Locations:

Each Location is identified by a 4-digit code: The **first digit** "R" stands for "River" (vs. "P" for "Pond"). The **second digit** (numbers 1-6) refers to the 6 plot areas marked on the map, 1 being the most upstream plot, and 6 the most downstream plot. The **third digit** (A, B, or C) refers to the three transects within each plot area, where A transect is 50' from shore, B transect is 150' from shore, and C transect is 300' from shore into the river. The **fourth digit** (D, M, or U) refers to upstream or downstream sampling site within each transect - "D" being the downstream sampling location, "M" being the midstream location, and "U" being the upstream location (the exceptions are in plot R5, where samples were collected at two additional locations north ("N") of the "U" site and are marked R5BN and R5AN, respectively). Note that the 300' site ("C") is only applicable for mid-stream location ("M").

Example: R3BD refers to the Riverine sampling, third plot area (located immediately below Site R), located approx. 150' from shore, and is in the downstream third of the plot)

Table 3-2. Field observations of sediment samples and benthic invertebrates at sampling locations in Mississippi River.

Site ID	Grain Size	Sediment Condition	Sediment Organisms
R6AD	Mostly silt with some clay (fluid mud not sticky) and little sand	Dark oaky brown sediment, slight organic odor, high organic carbon	Found Hexagenia (mayfly larvae), sieved 5-L of sediments for benthic invertebrate identification
R6AU	More clay than silt, <2% sand	Brown, slight organic odor, high organic carbon	None found
R6BU	Silt with some clay, slightly sticky	Brown, slight organic odor, coal particles, some organic carbon	None found
R6AM	Silt with some clay, <5% sand	Dark gray and brown with coal particles, organic odor, some organic carbon	None found
R6BM	Fine sand and silt	Light gray, low organic carbon, iron odor, some coal particles	None found
R6CM	Medium to coarse sand with small gravels	Low organic matter, some coal, no odor	None found
R5AD	Sediment samples not collected	NA	None found
R5BD	Sediment samples not collected	NA	None found
R5AM	Fine sand with silt, some lumps of clay	Dark oaky brown, no odor, low organic carbon	None found
R5AU	Very fine silt and clay in top 1", fine to medium sand below	Dark oaky brown, no odor, low organic carbon	None found
R5CM	Medium to coarse sand	Very low organic carbon, no odor, medium brown	None found
R5BM	Fine to medium sand, some silt	Medium brown, slight biological odor, low organic carbon	None found
R5BU	Fine silt with clay in top 1", fine to medium sand below	Grayish brown, oil sheen, no odor, high organic carbon	None found
R5AN	Silty clay in the top 1/2", silty sand below	Dark gray in top 1/2" with decay odor, remainder was gray with no odor, some organic carbon	None found
R5BN	Silty clay at top 1", coarser below	Dark brown and gray, some organic matter, decay odor	None found
R4AD	Fine to medium sand with some gravel	Broken shells on top layer, no odor, low organic carbon	None found
R4BD	Medium to coarse sand, homogeneous	Low organic carbon, no odor	None found
R4AM	Fine to medium sand with small pebbles	Low organic carbon, no odor	Zebra mussels attached to some larger rocks obtained in sediment grabs
R4BM	Medium to coarse sand, some silt	Low organic carbon, homogeneous, no odor	None found
R4CM	Medium to coarse sand with some large stones on top layer	Top layer brown, more gray towards bottom, well sorted	Zebra mussel shell fragments
R4AU	Medium to coarse sand with gravel	Brown in top 1/2", gray below, low organic carbon	None found
R4BU	Medium to coarse sand, well sorted	Low organic matter, no odor	No organisms, some shells

Table 3-2. Field observations of sediment samples and benthic invertebrates at sampling locations in Mississippi River.

Site ID	Grain Size	Sediment Condition	Sediment Organisms
R3AD	Fine to medium sand in top, coarse sand below	Some organic carbon, wood fragments, petroleum odor	None found
R3BD	Coarse sand, well sorted, grains rounded	Tan color, clean, no odor, very low organic carbon	None found
R3AM	Fine silty sand with some clay	Dark gray, darker color with depth, smell of decomposition and hydrocarbons, twigs	None found
R3BM	Fine silty sand and clay in top 2", medium coarse sand with silt below	Dark gray, no odor, low organic carbon	Shells fragments, no living organisms
R3CM	Coarse sand, well sorted, rounded	Brown, no odor, very low organic carbon	None found
R3AU	Silty clay with some fine sand	High organic carbon, decomposition odor, dark brown, dark gray	Possible tracks of burrowing organisms, no living organisms found
R3BU	Silty clay in top 1", coarse sand below	Substantial organic matter and dark gray in top 1"; no organic matter and brown below	None found
R2AD	Sticky clay with small silt and low sand	Some organic matter, gray	None found
R2BD	Silty sand, as well as fine to medium gravel	Some organic matter, brown, no odor	Catisfly larvae on larger rocks (not in sediments)
R2AM	Silt with fine sand	Some organic carbon, dark gray, slight decomposition odor, twigs in sediments	None found
R2BM	Medium sand, sorted, rounded	Very low organic carbon, tan, no odor	None found
R2CM	Medium to coarse sand, sorted	Very low organic carbon, tan, no odor	None found
R2AU	Fine sand, well sorted	Very low organic carbon, brown, no odor	None found
R2BU	Fine to medium sand, well sorted	Low organic carbon, gray, no odor	None found
R1AD	Silty clay with some fine sand	Some organic carbon, dark gray, hydrocarbon odor	Zebra mussel shells
R1BD	Silty clay with some fine sand	Gray, no odor, some organic carbon	Corbicula (Asiatic clam) in sediments; 10-L of sediments sieved for benthics
R1AM	Fine to medium sand with some silt	Some organic matter, dark gray, no odor	Shell fragments
R1BM	Coarse sand with gravel, well sorted	Some organic matter, tan, no odor	Catisfly larvae attached to large rocks obtained in grab; Zebra mussels, Cianaria
R1CM	Coarse sand with gravel	Low organic matter, tan, no odor	Shell fragments only
R1AU	Medium to coarse sand with gravel	Some organic matter, tan to gray, no odor	Shell fragments, Odinada (damsel fly)
R1BU	Coarse sand with gravel, clean, well sorted	Low organic matter, tan, no odor	None found
P1	Silty clay, sticky	Some organic matter, dark gray, sticky	None found

Table 3-3. Field-measured water quality parameters of surface water at aquatic sampling locations in Mississippi River.

Site ID	Bottom						Mid-depth						Surface					
	Depth	Cond.	pH	DO	Temp.	Turbidity	Depth	Cond.	pH	DO	Temp.	Turbidity	Depth	Cond.	pH	DO	Temp.	Turbidity
	ft	mS/cm		mg/L	°C	NTU	ft	mS/cm		mg/L	°C	NTU	ft	mS/cm		mg/L	°C	NTU
R6AD	16	0.434	7.80	11.5	8.0	50	8	0.433	7.95	11.7	8.0	40	1	0.432	8.30	11.7	8.0	50
R6AU	16	0.433	7.70	11.7	8.0	35	8	0.431	8.10	11.7	8.0	26	1	0.429	8.40	11.7	8.0	26
R6BU	30	0.429	8.00	12.1	8.1	30	15	0.428	8.40	11.9	8.1	26	1	0.427	8.30	11.9	8.1	28
R6AM	15	0.430	7.50	11.9	7.8	36	8	0.428	8.31	11.8	7.8	31	1	0.428	8.36	11.9	7.8	36
R6BM	33	0.432	7.71	12.7	7.9	30	16	0.434	8.34	12.0	8.0	28	0	0.433	8.36	12.0	8.0	26
R6CM	31	0.430	8.04	12.4	8.1	27	16	0.432	8.38	12.1	8.1	26	0	0.430	8.43	12.0	8.1	23
R5AD	5	0.439	7.90	12.3	8.3	23	3	0.435	8.04	12.1	8.3	27		0.434	8.07	12.1	8.3	27
R5BD	13	0.465	7.51	11.8	7.9	189	6	0.465	8.15	11.8	7.9	150	0	0.461	8.40	11.7	7.9	169
R5AM	2	0.463	8.05	11.8	8.1	20	1.5	0.461	8.38	11.6	8.2	28	0	0.460	8.22	11.6	8.2	24
R5AU	4	0.473	8.27	12.1	8.2	50	2	0.471	8.13	12.0	8.2	27	0	0.470	8.14	12.0	8.2	25
R5CM	27	0.431	7.40	13.5	8.2	33	13	0.430	8.37	12.6	8.2	32	0	0.430	8.21	12.4	8.3	33
R5BM	17	0.436	8.08	12.8	8.3	34	8	0.437	8.53	12.4	8.3	30	0.5	0.438	8.43	12.4	8.4	30
R5BU	19	0.437	8.02	13.1	8.5	38	10	0.436	8.39	12.8	8.5	24	0.0	0.438	8.56	12.7	8.5	25
R5AN	9	0.475	8.14	13.1	8.3	29	5	0.476	8.25	14.1	8.3	59	1	0.475	8.38	14.2	8.3	73
R5BN	16	0.471	8.12	13.6	8.3	24	8	0.471	8.41	14.1	8.3	22	1	0.469	8.43	14.2	8.3	20
R4AD	15	0.466	7.21	12.5	9.0	55	8	0.462	8.24	11.8	9.0	59	0	0.458	8.40	11.9	9.0	46
R4BD	11	0.444	8.20	12.2	9.0	38	5	0.450	8.37	11.9	9.0	31	1	0.451	8.52	11.9	9.0	34
R4AM	10	0.468	8.20	12.1	9.1	29	5	0.464	8.13	11.8	9.1	30	1	0.462	8.23	11.7	9.1	31
R4BM	10	0.445	7.83	12.6	8.7	159	5	0.449	8.34	12.6	8.8	122	1	0.444	8.17	12.6	8.8	117
R4CM	13	0.422	7.87	12.6	8.8	27	7	0.432	8.32	12.7	8.8	25	1	0.429	8.28	12.6	8.8	24
R4AU	5	0.464	7.92	12.8	9.2	24	3	0.464	8.19	12.8	9.2	23	1	0.463	8.35	12.7	9.2	23
R4BU	9	0.468	7.85	12.6	9.3	20	5	0.473	8.39	12.8	9.3	21	1	0.474	8.38	12.7	9.3	21
R3AD	8	0.471	7.72	12.2	8.8	24	4	0.468	8.01	12.3	8.8	22	1	0.467	8.33	12.3	8.8	26
R3BD	14	0.455	8.09	12.3	8.9	31	7	0.453	8.39	12.6	8.9	26	1	0.452	8.38	12.6	8.9	28
R3AM	13	0.463	8.09	12.3	9.0	25	6	0.461	8.38	12.4	9.1	25	1	0.459	8.36	12.4	9.1	29
R3BM	12	0.463	7.93	12.4	9.1	25	6	0.457	8.44	12.4	9.1	24	1	0.457	8.35	12.4	9.1	24
R3CM	12	0.451	8.11	12.4	8.6	26	6	0.455	8.44	12.5	8.6	25	1	0.454	8.39	12.5	8.7	26
R3AU	16	0.474	8.05	12.3	8.7	421	8	0.481	8.16	12.1	8.7	48	1	0.471	8.19	12.1	8.7	57
R3BU	4	0.467	8.26	12.5	8.8	25	2	0.463	8.07	12.5	8.8	31	1	0.463	8.26	12.4	8.9	3
R2AD	11	0.447	8.25	12.9	9.0	19	5	0.442	8.39	12.6	9.0	26	1	0.442	8.47	12.6	9.0	23
R2BD	19	0.448	7.85	12.9	9.1	23	10	0.445	8.43	12.6	9.1	23	1	0.445	8.37	12.5	9.1	24
R2AM	14	0.455	8.03	12.4	8.7	48	7	0.453	8.39	12.1	8.7	34	1	0.451	8.38	12.1	8.7	33
R2BM	19	0.455	7.93	12.2	8.8	27	10	0.454	8.36	12.2	8.8	32	1	0.447	8.36	12.2	8.8	28
R2CM	18	0.457	8.08	12.3	8.8	--	9	0.454	8.50	12.4	8.8	21	1	0.453	8.44	12.3	8.9	19
R2AU	5	0.462	8.16	12.7	9.1	25	3	0.456	8.25	12.3	9.1	29	1	0.456	8.45	12.3	9.1	28
R2BU	20	0.446	7.80	11.7	8.9	19	11	0.444	8.42	11.8	8.9	27	1	0.441	8.37	11.7	8.9	26
R1AD	10	0.445	8.00	11.6	8.9	13	5	0.443	8.41	11.9	8.9	17	1	0.442	8.36	11.9	8.9	17
R1BD	28	0.439	7.90	11.9	8.9	13	14	0.442	8.43	12.0	8.9	19	1	0.440	8.42	12.0	8.9	16
R1AM	1	0.437	8.05	11.6	8.8	20							1					
R1BM	20	0.445	7.89	12.1	8.4	28	10	0.433	8.41	12.4	8.4	29	1	0.433	8.40	12.4	8.4	28
R1CM	23	0.431	7.77	12.2	8.5	219	12	0.431	8.39	12.6	8.6	121	1	0.429	8.41	12.6	8.6	101
R1AU	25	0.428	7.86	12.2	8.6	24	13	0.427	8.49	12.4	8.6	25	1	0.429	8.31	12.4	8.6	25
R1BU	27	0.469	7.90	14.1	8.2	32	14	0.466	8.36	14.5	8.2	34	1	0.461	8.32	14.4	8.2	51
P1	--													0.366	8.67	13.5	7.8	>1000

Table 3-4. Calculation of TCDD-TEQs from Individual Dioxin/Furan congener concentrations

Dioxins/Furans

Sample ID	CAS	Analyte	Units	Result	Qualifier	Reporting Limit	Risk Conc	2,3,7,8-TCDD TEF-Fish	2,3,7,8-TCDD TEQ	TEQ Total
R1BM1S	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	ug/kg	0.0011	U	0.0011	0.00055	0.001	0.00000055	
R1BM1S	67562-39-4	1,2,3,4,6,7,8-HpCDF	ug/kg	0.00091	U	0.00091	0.000455	0.01	0.00000455	
R1BM1S	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	ug/kg	0.00051	U	0.00051	0.000255	0.05	0.00001275	
R1BM1S	3268-87-9	OCDD	ug/kg	0.012	J	0.000033	0.012	0.0001	0.0000012	
R1BM1S	39001-02-0	OCDF	ug/kg	0.0013	U	0.0013	0.00065	0.0001	0.000000065	0.000019115
R1BM2S	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	ug/kg	0.0024	U	0.0024	0.0012	0.001	0.0000012	
R1BM2S	67562-39-4	1,2,3,4,6,7,8-HpCDF	ug/kg	0.00039	U	0.00039	0.000195	0.01	0.00000195	
R1BM2S	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	ug/kg	0.00031	U	0.00031	0.000155	0.05	0.00000775	
R1BM2S	3268-87-9	OCDD	ug/kg	0.035	J	0.000033	0.035	0.0001	0.0000035	
R1BM2S	39001-02-0	OCDF	ug/kg	0.0006	U	0.0006	0.0003	0.0001	0.00000003	0.00001443
R2BM1S	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	ug/kg	0.0014	U	0.0014	0.0007	0.001	0.0000007	
R2BM1S	67562-39-4	1,2,3,4,6,7,8-HpCDF	ug/kg	0.00059	U	0.00059	0.000295	0.01	0.00000295	
R2BM1S	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	ug/kg	0.00031	U	0.00031	0.000155	0.05	0.00000775	
R2BM1S	3268-87-9	OCDD	ug/kg	0.024	J	0.000033	0.024	0.0001	0.0000024	
R2BM1S	39001-02-0	OCDF	ug/kg	0.0012	U	0.0012	0.0006	0.0001	0.00000006	0.00001386
R3BM1S	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	ug/kg	0.055		0.0011	0.055	0.001	0.000055	
R3BM1S	67562-39-4	1,2,3,4,6,7,8-HpCDF	ug/kg	0.0077		0.00039	0.0077	0.01	0.000077	
R3BM1S	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	ug/kg	0.0011	J	0.00021	0.0011	0.05	0.000055	
R3BM1S	3268-87-9	OCDD	ug/kg	1.8		0.000033	1.8	0.0001	0.00018	
R3BM1S	39001-02-0	OCDF	ug/kg	0.036		0.0006	0.036	0.0001	0.0000036	0.0003708
R4BM1S	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	ug/kg	0.025		0.0011	0.025	0.001	0.000025	
R4BM1S	67562-39-4	1,2,3,4,6,7,8-HpCDF	ug/kg	0.0038	J	0.00039	0.0038	0.01	0.000038	
R4BM1S	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	ug/kg	0.00021	U	0.00021	0.000105	0.05	0.00000525	
R4BM1S	3268-87-9	OCDD	ug/kg	0.39	J	0.000033	0.39	0.0001	0.000039	
R4BM1S	39001-02-0	OCDF	ug/kg	0.028		0.0006	0.028	0.0001	0.0000028	0.00011005
R5BM1S	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	ug/kg	0.002	U	0.002	0.001	0.001	0.000001	
R5BM1S	67562-39-4	1,2,3,4,6,7,8-HpCDF	ug/kg	0.0007	U	0.0007	0.00035	0.01	0.0000035	
R5BM1S	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	ug/kg	0.00025	U	0.00025	0.000125	0.05	0.00000625	
R5BM1S	3268-87-9	OCDD	ug/kg	0.047	J	0.000033	0.047	0.0001	0.0000047	
R5BM1S	39001-02-0	OCDF	ug/kg	0.0016	U	0.0016	0.0008	0.0001	0.00000008	0.00001553
R6BM1S	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	ug/kg	0.011		0.0011	0.011	0.001	0.000011	
R6BM1S	67562-39-4	1,2,3,4,6,7,8-HpCDF	ug/kg	0.0014	U	0.0014	0.0007	0.01	0.000007	
R6BM1S	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	ug/kg	0.00044	U	0.00044	0.00022	0.05	0.000011	
R6BM1S	3268-87-9	OCDD	ug/kg	0.25	J	0.000033	0.25	0.0001	0.000025	
R6BM1S	39001-02-0	OCDF	ug/kg	0.008	J	0.0006	0.008	0.0001	0.0000008	0.0000548

Table 3-4. Calculation of TCDD-TEQs from individual Dioxin/Furan congener concentrations

PCBs

Sample ID	CAS	Analyte	Units	Result	Qualifier	Reporting Limit	Risk Conc	Total PCBs
R3AD1S	C-DICHLOROBI	Dichlorobiphenyl	ug/kg	1	J	0.1	1	
R3AD1S	C-MONOCHLORO	Monochlorobiphenyl	ug/kg	3.6	J	0.1	3.6	
R3AD1S	C-NONACHLORO	Nonachlorobiphenyl	ug/kg	22	U	22	11	
R3AD1S	C-PENTBIPHEN	Pentachlorobiphenyl	ug/kg	8.6	U	8.6	4.3	
R3AD1S	C-TRICHLOROB	Trichlorobiphenyl	ug/kg	0.96	J	0.1	0.96	20.86
R3AM1S	C-DICHLOROBI	Dichlorobiphenyl	ug/kg	1.7	J	0.1	1.7	
R3AM1S	C-MONOCHLORO	Monochlorobiphenyl	ug/kg	2.9	J	0.1	2.9	
R3AM1S	C-NONACHLORO	Nonachlorobiphenyl	ug/kg	28	U	28	14	
R3AM1S	C-PENTBIPHEN	Pentachlorobiphenyl	ug/kg	11	U	11	5.5	
R3AM1S	C-TRICHLOROB	Trichlorobiphenyl	ug/kg	1.1	J	0.1	1.1	25.2
R3AU1S	C-DICHLOROBI	Dichlorobiphenyl	ug/kg	5.4	U	5.4	2.7	
R3AU1S	C-MONOCHLORO	Monochlorobiphenyl	ug/kg	1.2	J	0.1	1.2	
R3AU1S	C-NONACHLORO	Nonachlorobiphenyl	ug/kg	28	U	28	14	
R3AU1S	C-PENTBIPHEN	Pentachlorobiphenyl	ug/kg	11	U	11	5.5	
R3AU1S	C-TRICHLOROB	Trichlorobiphenyl	ug/kg	1.2	J	0.1	1.2	24.6
R3BM1S	C-DICHLOROBI	Dichlorobiphenyl	ug/kg	14		0.1	14	
R3BM1S	C-MONOCHLORO	Monochlorobiphenyl	ug/kg	29		0.1	29	
R3BM1S	C-NONACHLORO	Nonachlorobiphenyl	ug/kg	12	J	0.5	12	
R3BM1S	C-PENTBIPHEN	Pentachlorobiphenyl	ug/kg	4.4	J	0.2	4.4	
R3BM1S	C-TRICHLOROB	Trichlorobiphenyl	ug/kg	10		0.1	10	69.4
R4BM1S	C-DICHLOROBI	Dichlorobiphenyl	ug/kg	3.9	U	3.9	1.95	
R4BM1S	C-MONOCHLORO	Monochlorobiphenyl	ug/kg	3.9	U	3.9	1.95	
R4BM1S	C-NONACHLORO	Nonachlorobiphenyl	ug/kg	8.9	J	0.5	8.9	
R4BM1S	C-PENTBIPHEN	Pentachlorobiphenyl	ug/kg	8	U	8	4	
R4BM1S	C-TRICHLOROB	Trichlorobiphenyl	ug/kg	3.9	U	3.9	1.95	18.75

Table 3-5. Concentrations and frequency of detection of sediment COPECs retained after initial screening.

CAS	Chemical Class	Analyte	Units	Site Areas (Combined)				Reference Area			
				Max Conc	Avg Conc	Freq. Of Det (FOD)	%FOD	Max Conc	Avg Conc	Freq. Of Det (FOD)	%FOD
78-93-3	VOCs	2-Butanone (MEK)	ug/kg	7.50	7.66	5/37	13.5%	3.40	6.88	1/8	12.5%
67-64-1	VOCs	Acetone	ug/kg	290	25	31/37	83.8%	98	32	7/8	87.5%
71-43-2	VOCs	Benzene	ug/kg	49	3.97	3/37	8.1%	ND	ND	0/8	0.0%
108-90-7	VOCs	Chlorobenzene	ug/kg	11000	470	7/37	18.9%	ND	ND	0/8	0.0%
100-41-4	VOCs	Ethylbenzene	ug/kg	16	2.51	27/37	73.0%	ND	ND	0/8	0.0%
100-42-5	VOCs	Styrene (Monomer)	ug/kg	37	2.72	4/37	10.8%	ND	ND	0/8	0.0%
108-88-3	VOCs	Toluene	ug/kg	14	2.60	12/37	32.4%	ND	ND	0/8	0.0%
1330-20-7	VOCs	Xylenes, Total	ug/kg	61	12	34/37	91.9%	3.2	3.53	1/8	12.5%
95-50-1	SVOCs	1,2-Dichlorobenzene	ug/kg	330	217	3/35	8.6%	ND	ND	0/8	0.0%
56-55-3	SVOCs	Benzo(a)anthracene	ug/kg	91	213	3/35	8.6%	ND	ND	0/8	0.0%
50-32-8	SVOCs	Benzo(a)pyrene	ug/kg	72	198	6/35	17.1%	ND	ND	0/8	0.0%
205-99-2	SVOCs	Benzo(b)fluoranthene	ug/kg	75	214	3/35	8.6%	ND	ND	0/8	0.0%
191-24-2	SVOCs	Benzo(g,h,i)perylene	ug/kg	79	197	6/35	17.1%	ND	ND	0/8	0.0%
207-08-9	SVOCs	Benzo(k)fluoranthene	ug/kg	83	196	6/35	17.1%	ND	ND	0/8	0.0%
117-81-7	SVOCs	bis(2-Ethylhexyl)phthalate	ug/kg	88	196	6/35	17.1%	ND	ND	0/8	0.0%
218-01-9	SVOCs	Chrysene	ug/kg	92	178	8/35	22.9%	31	166	1/8	12.5%
206-44-0	SVOCs	Fluoranthene	ug/kg	160	198	5/35	14.3%	41	145	2/8	25.0%
193-39-5	SVOCs	Indeno(1,2,3-cd)pyrene	ug/kg	29	222	2/35	5.7%	ND	ND	0/8	0.0%
106-47-8	SVOCs	P-Chloroaniline	ug/kg	3000	562	2/35	5.7%	ND	ND	0/8	0.0%
87-86-5	SVOCs	Pentachlorophenol	ug/kg	3.6	10.1	6/34	17.6%				
85-01-8	SVOCs	Phenanthrene	ug/kg	72	210	3/35	8.6%	36	167	1/8	12.5%
72-54-8	Pesticides	4,4'-DDD	ug/kg	1.20	2.18	2/35	5.7%	ND	ND	0/8	0.0%
72-55-9	Pesticides	4,4'-DDE	ug/kg	4.90	1.84	10/35	28.6%	ND	ND	0/7	0.0%
50-29-3	Pesticides	4,4'-DDT	ug/kg	3.30	2.29	3/33	9.1%	ND	ND	0/6	0.0%
319-85-7	Pesticides	beta-BHC	ug/kg	0.67	1.13	2/35	5.7%	ND	ND	0/8	0.0%
60-57-1	Pesticides	Dieldrin	ug/kg	2.90	2.20	3/36	8.3%	ND	ND	0/8	0.0%
7421-93-4	Pesticides	Endrin Aldehyde	ug/kg	4.10	2.24	10/35	28.6%	ND	ND	0/8	0.0%
53494-70-5	Pesticides	Endrin Ketone	ug/kg	1.20	1.92	8/35	22.9%	ND	ND	0/8	0.0%
5103-74-2	Pesticides	gamma-Chlordane	ug/kg	3.00	1.12	7/35	20.0%	ND	ND	0/8	0.0%
76-44-8	Pesticides	Heptachlor	ug/kg	0.98	1.07	5/35	14.3%	ND	ND	0/8	0.0%
1024-57-3	Pesticides	Heptachlor Epoxide	ug/kg	11	1.40	3/37	8.1%	ND	ND	0/8	0.0%
72-43-5	Pesticides	Methoxychlor	ug/kg	3.3	11	3/35	8.6%	ND	ND	0/8	0.0%
94-75-7	Herbicides	2,4-D	ug/kg	20	6.63	5/36	13.9%	5.2	5.2	1/1	100%
75-99-0	Herbicides	Dalapon	ug/kg	9.9	1280	2/24	8.3%	–	–	–	–
93-65-2	Herbicides	MCPP	ug/kg	2500	1394	2/34	5.9%	460	415	2/2	100%
	PCBs	PCB-Total	ug/kg	69.4	–	–	–	ND	–	–	–
	Dioxins	2,3,7,8-TCDD TEQ	ug/kg	0.00037	0.000085	–	–	ND	–	–	–
7429-90-5	Metals	Aluminum	mg/kg	9400	2825	37/37	100%	5800	1688.75	8/8	100%
7440-38-2	Metals	Arsenic	mg/kg	7.5	2.98	37/37	100%	5.6	2.2	8/8	100%
7440-39-3	Metals	Barium	mg/kg	300	86.0	37/37	100%	140	42.25	8/8	100%
7440-41-7	Metals	Beryllium	mg/kg	0.84	0.24	27/37	73.0%	0.48	0.2575	1/8	12.5%
7440-43-9	Metals	Cadmium	mg/kg	1.4	0.48	17/37	45.9%	1.2	0.38	1/8	12.5%
7440-70-2	Metals	Calcium	mg/kg	18000	5940	37/37	100%	8200	2790	8/8	100%
7440-47-3	Metals	Chromium	mg/kg	19	6.73	37/37	100%	11	4.65	8/8	100%
7440-48-4	Metals	Cobalt	mg/kg	10	3.98	37/37	100%	6	3.1	8/8	100%
7440-50-8	Metals	Copper	mg/kg	20	5.93	31/37	83.8%	12	2.86	8/8	100%
7439-89-6	Metals	Iron	mg/kg	20000	8089	37/37	100%	12000	5087.5	8/8	100%
7439-92-1	Metals	Lead	mg/kg	47	16.48	37/37	100%	12	4.35	8/8	100%
7439-95-4	Metals	Magnesium	mg/kg	6400	2170	37/37	100%	3400	1246.25	8/8	100%
7439-96-5	Metals	Manganese	mg/kg	1000	272	37/37	100%	500	184.75	8/8	100%
7440-02-0	Metals	Nickel	mg/kg	21	8.78	37/37	100%	15	7.23	8/8	100%
7440-09-7	Metals	Potassium	mg/kg	1300	436	37/37	100%	820	255.75	8/8	100%
7440-23-5	Metals	Sodium	mg/kg	290	78.4	20/37	54.1%	78	39.5	8/8	100%
7440-62-2	Metals	Vanadium	mg/kg	25	9.70	37/37	100%	19	6.4	8/8	100%
7440-66-6	Metals	Zinc	mg/kg	310	89.7	36/37	97.3%	89	21.05	7/8	87.5%

Table 3-6. Concentrations and frequency of detection of surface water COPECs retained after initial screening

CAS	Chemical Class	Total or Diss.	Analyte	Units	Site Areas				Reference Area			
					Max. Conc	Avg. Conc	Freq. Of Det (FOD)	%FOD	Max Conc	Avg Conc	Freq. Of Det (FOD)	%FOD
75-35-4	VOCs	T	1,1-Dichloroethylene	ug/l	0.42	0.49	3/39	7.7%	ND	ND	0/8	0.0%
107-06-2	VOCs	T	1,2-Dichloroethane	ug/l	0.70	0.45	11/39	28.2%	ND	ND	0/8	0.0%
540-59-0	VOCs	T	1,2-Dichloroethene (total)	ug/l	0.36	0.94	3/39	7.7%	ND	ND	0/8	0.0%
71-43-2	VOCs	T	Benzene	ug/l	4.50	0.55	14/39	35.9%	ND	ND	0/8	0.0%
75-15-0	VOCs	T	Carbon Disulfide	ug/l	0.69	0.48	5/39	12.8%	ND	ND	0/8	0.0%
108-90-7	VOCs	T	Chlorobenzene	ug/l	56	3.17	28/39	71.8%	ND	ND	0/8	0.0%
74-87-3	VOCs	T	Chloromethane	ug/l	0.96	0.50	5/39	12.8%	0.5	0.47	1/8	12.5%
108-88-3	VOCs	T	Toluene	ug/l	4.50	0.61	10/39	25.6%	ND	ND	0/8	0.0%
1330-20-7	VOCs	T	Xylenes, Total	ug/l	3.00	1.03	3/39	7.7%	ND	ND	0/8	0.0%
95-50-1	SVOCs	T	1,2-Dichlorobenzene	ug/l	40	5.80	2/39	5.1%	ND	ND	0/8	0.0%
120-83-2	SVOCs	T	2,4-Dichlorophenol	ug/l	69	5.93	11/39	28.2%	ND	ND	0/8	0.0%
95-57-8	SVOCs	T	2-Chlorophenol	ug/l	31	5.28	6/39	15.4%	ND	ND	0/8	0.0%
106-44-5	SVOCs	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	ug/l	27	5.47	2/39	5.1%	ND	ND	0/8	0.0%
106-47-8	SVOCs	T	P-Chloroaniline	ug/l	160	12.05	17/39	43.6%	ND	ND	0/8	0.0%
108-95-2	SVOCs	T	Phenol	ug/l	14	5.44	10/39	25.6%	ND	ND	0/8	0.0%
319-85-7	Pesticides	T	beta-BHC	ug/l	0.0092	0.024	2/38	5.3%	ND	ND	0/8	0.0%
94-75-7	Herbicides	T	2,4-D	ug/l	29	1.98	25/39	64.1%	ND	ND	0/8	0.0%
120-36-5	Herbicides	T	Dichlorprop	ug/l	2.20	2.31	12/39	30.8%	ND	ND	0/8	0.0%
7429-90-5	Metals	D	Aluminum	mg/l	0.012	0.09	3/39	7.7%	ND	ND	0/8	0.0%
7429-90-5	Metals	T	Aluminum	mg/l	1.10	0.76	38/39	97.4%	0.88	0.71	8/8	100%
7440-38-2	Metals	T	Arsenic	mg/l	0.0061	0.0049	7/39	17.9%	ND	ND	0/8	0.0%
7440-39-3	Metals	D	Barium	mg/l	0.054	0.052	39/39	100%	0.051	0.050	8/8	100%
7440-39-3	Metals	T	Barium	mg/l	0.065	0.061	39/39	100%	0.061	0.059	8/8	100%
7440-70-2	Metals	D	Calcium	mg/l	53	51	39/39	100%	50	50	8/8	100%
7440-70-2	Metals	T	Calcium	mg/l	54	51	39/39	100%	53	51	8/8	100%
7440-48-4	Metals	D	Cobalt	mg/l	0.001	0.0047	3/39	7.7%	ND	ND	0/8	0.0%
7440-48-4	Metals	T	Cobalt	mg/l	0.0012	0.0042	9/39	23.1%	0.0011	0.005	1/8	12.5%
7440-50-8	Metals	T	Copper	mg/l	0.039	0.01	2/39	5.1%	ND	ND	0/8	0.0%
7439-89-6	Metals	D	Iron	mg/l	0.087	0.04	28/39	71.8%	0.03	0.028	7/8	87.5%
7439-89-6	Metals	T	Iron	mg/l	1.40	1.06	39/39	100%	1.10	0.968	8/8	100%
7439-92-1	Metals	T	Lead	mg/l	0.0049	0.0026	5/39	12.8%	ND	ND	0/8	0.0%
7439-95-4	Metals	D	Magnesium	mg/l	22	20	39/39	100%	20	20	8/8	100%
7439-95-4	Metals	T	Magnesium	mg/l	22	20	39/39	100%	21	21	8/8	100%
7439-96-5	Metals	T	Manganese	mg/l	0.14	0.086	38/39	97.4%	0.084	0.081	8/8	100%
7439-97-6	Metals	D	Mercury	mg/l	0.0001	0.00010	3/39	7.7%	ND	ND	0/8	0.0%
7439-97-6	Metals	T	Mercury	mg/l	0.0002	0.00010	3/39	7.7%	ND	ND	0/8	0.0%
7440-09-7	Metals	D	Potassium	mg/l	3.60	3.38	39/39	100%	3.30	3.19	8/8	100%
7440-09-7	Metals	T	Potassium	mg/l	3.70	3.49	39/39	100%	3.50	3.35	8/8	100%
7440-23-5	Metals	D	Sodium	mg/l	24	20	39/39	100%	20	18	8/8	100%
7440-23-5	Metals	T	Sodium	mg/l	24	20	39/39	100%	20	18	8/8	100%
7440-62-2	Metals	T	Vanadium	mg/l	0.0042	0.0049	3/39	7.7%	0.0033	0.0048	1/8	12.5%
7440-62-2	Metals	D	Vanadium	mg/l	0.01	0.0050	3/39	7.7%	0.0017	0.0028	5/8	62.5%
7440-66-6	Metals	D	Zinc	mg/l	0.036	0.01	5/39	12.8%	ND	ND	0/8	0.0%
7440-66-6	Metals	T	Zinc	mg/l	0.041	0.01	15/39	38.5%	0.0046	0.009	1/8	12.5%

Table 3-7. Concentrations and frequency of detection of all target analytes in Sediments collected from aquatic sampling sites in Mississippi River.

CAS	Chemical Class	Analyte	Units	Site Areas (Combined)				Reference Area			
				Max Conc	Avg Conc	Freq. Of Det (FOD)	%FOD	Max Conc	Avg Conc	Freq. Of Det (FOD)	%FOD
71-55-6	VOCs	1,1,1-Trichloroethane	ug/kg	ND	ND	0/37	0.0%	ND	ND	0/8	0.0%
79-34-5	VOCs	1,1,2,2-Tetrachloroethane	ug/kg	ND	ND	0/37	0.0%	ND	ND	0/8	0.0%
79-00-5	VOCs	1,1,2-Trichloroethane	ug/kg	ND	ND	0/37	0.0%	ND	ND	0/8	0.0%
75-34-3	VOCs	1,1-Dichloroethane	ug/kg	8	1.92	1/37	2.7%	ND	ND	0/8	0.0%
75-35-4	VOCs	1,1-Dichloroethylene	ug/kg	ND	ND	0/37	0.0%	ND	ND	0/8	0.0%
120-82-1	VOCs	1,2,4-Trichlorobenzene	ug/kg	ND	ND	0/35	0.0%	ND	ND	0/8	0.0%
107-06-2	VOCs	1,2-Dichloroethane	ug/kg	ND	ND	0/37	0.0%	ND	ND	0/8	0.0%
540-59-0	VOCs	1,2-Dichloroethene (total)	ug/kg	1.80	2.79	1/37	2.7%	ND	ND	0/8	0.0%
78-87-5	VOCs	1,2-Dichloropropane	ug/kg	ND	ND	0/37	0.0%	ND	ND	0/8	0.0%
541-73-1	VOCs	1,3-Dichlorobenzene	ug/kg	ND	ND	0/35	0.0%	ND	ND	0/8	0.0%
106-46-7	VOCs	1,4-Dichlorobenzene	ug/kg	740	241	1/35	2.9%	ND	ND	0/8	0.0%
108-60-1	VOCs	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	ug/kg	ND	ND	0/35	0.0%	ND	ND	0/8	0.0%
78-93-3	VOCs	2-Butanone (MEK)	ug/kg	7.50	7.88	5/37	13.5%	3.40	6.88	1/8	12.5%
108-10-1	VOCs	4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND	0/37	0.0%	ND	ND	0/8	0.0%
67-64-1	VOCs	Acetone	ug/kg	290	25	31/37	83.8%	98	32	7/8	87.5%
71-43-2	VOCs	Benzene	ug/kg	49	3.97	3/37	8.1%	ND	ND	0/8	0.0%
75-27-4	VOCs	Bromodichloromethane	ug/kg	ND	ND	0/37	0.0%	ND	ND	0/8	0.0%
75-25-2	VOCs	Bromoform	ug/kg	ND	ND	0/37	0.0%	ND	ND	0/8	0.0%
74-83-9	VOCs	Bromomethane	ug/kg	ND	ND	0/37	0.0%	ND	ND	0/8	0.0%
75-15-0	VOCs	Carbon Disulfide	ug/kg	ND	ND	0/37	0.0%	ND	ND	0/8	0.0%
56-23-5	VOCs	Carbon Tetrachloride	ug/kg	ND	ND	0/37	0.0%	ND	ND	0/8	0.0%
108-90-7	VOCs	Chlorobenzene	ug/kg	11000	470	7/37	18.9%	ND	ND	0/8	0.0%
124-48-1	VOCs	Chlorodibromomethane	ug/kg	ND	ND	0/37	0.0%	ND	ND	0/8	0.0%
75-00-3	VOCs	Chloroethane	ug/kg	ND	ND	0/37	0.0%	ND	ND	0/8	0.0%
67-66-3	VOCs	Chloroform	ug/kg	ND	ND	0/37	0.0%	ND	ND	0/8	0.0%
74-87-3	VOCs	Chloromethane	ug/kg	ND	ND	0/37	0.0%	ND	ND	0/8	0.0%
10061-01-5	VOCs	cis-1,3-Dichloropropene	ug/kg	ND	ND	0/37	0.0%	ND	ND	0/8	0.0%
75-09-2	VOCs	Dichloromethane	ug/kg	ND	ND	0/37	0.0%	ND	ND	0/8	0.0%
100-41-4	VOCs	Ethylbenzene	ug/kg	16	2.51	27/37	73.0%	ND	ND	0/8	0.0%
591-78-6	VOCs	Methyl N-Butyl Ketone	ug/kg	ND	ND	0/37	0.0%	ND	ND	0/8	0.0%
100-42-5	VOCs	Styrene (Monomer)	ug/kg	37	2.72	4/37	10.8%	ND	ND	0/8	0.0%
127-18-4	VOCs	Tetrachloroethene	ug/kg	ND	ND	0/37	0.0%	ND	ND	0/8	0.0%
108-88-3	VOCs	Toluene	ug/kg	14	2.80	12/37	32.4%	ND	ND	0/8	0.0%
79-01-6	VOCs	Trichloroethylene	ug/kg	ND	ND	0/37	0.0%	ND	ND	0/8	0.0%
75-01-4	VOCs	Vinyl chloride	ug/kg	ND	ND	0/37	0.0%	ND	ND	0/8	0.0%
1330-20-7	VOCs	Xylenes, Total	ug/kg	81	12	34/37	91.9%	3.2	3.53	1/8	12.5%
95-50-1	SVOCs	1,2-Dichlorobenzene	ug/kg	330	217	3/35	8.6%	ND	ND	0/8	0.0%
95-95-4	SVOCs	2,4,5-Trichlorophenol	ug/kg	ND	ND	0/36	0.0%	ND	ND	0/8	0.0%
88-06-2	SVOCs	2,4,6-Trichlorophenol	ug/kg	ND	ND	0/36	0.0%	ND	ND	0/8	0.0%
120-83-2	SVOCs	2,4-Dichlorophenol	ug/kg	ND	ND	0/36	0.0%	ND	ND	0/8	0.0%
105-67-9	SVOCs	2,4-Dimethylphenol	ug/kg	ND	ND	0/36	0.0%	ND	ND	0/8	0.0%
51-28-5	SVOCs	2,4-Dinitrophenol	ug/kg	ND	ND	0/36	0.0%	ND	ND	0/8	0.0%
121-14-2	SVOCs	2,4-Dinitrotoluene	ug/kg	ND	ND	0/35	0.0%	ND	ND	0/8	0.0%
606-20-2	SVOCs	2,6-Dinitrotoluene	ug/kg	ND	ND	0/35	0.0%	ND	ND	0/8	0.0%
91-58-7	SVOCs	2-Chloronaphthalene	ug/kg	ND	ND	0/35	0.0%	ND	ND	0/8	0.0%
95-57-8	SVOCs	2-Chlorophenol	ug/kg	ND	ND	0/36	0.0%	ND	ND	0/8	0.0%
91-57-6	SVOCs	2-Methylnaphthalene	ug/kg	ND	ND	0/35	0.0%	ND	ND	0/8	0.0%
95-48-7	SVOCs	2-Methylphenol (o-Cresol)	ug/kg	ND	ND	0/36	0.0%	ND	ND	0/8	0.0%
88-74-4	SVOCs	2-Nitroaniline	ug/kg	ND	ND	0/35	0.0%	ND	ND	0/8	0.0%
88-75-5	SVOCs	2-Nitrophenol	ug/kg	ND	ND	0/36	0.0%	ND	ND	0/8	0.0%
91-94-1	SVOCs	3,3'-Dichlorobenzidine	ug/kg	ND	ND	0/35	0.0%	ND	ND	0/8	0.0%
108-44-5	SVOCs	3-Methylphenol/4-Methylphenol (m&p-Cresol)	ug/kg	ND	ND	0/36	0.0%	ND	ND	0/8	0.0%
99-09-2	SVOCs	3-Nitroaniline	ug/kg	ND	ND	0/35	0.0%	ND	ND	0/8	0.0%
534-52-1	SVOCs	4,6-Dinitro-2-methylphenol	ug/kg	ND	ND	0/36	0.0%	ND	ND	0/8	0.0%
101-55-3	SVOCs	4-Bromophenyl Phenyl Ether	ug/kg	ND	ND	0/35	0.0%	ND	ND	0/8	0.0%
59-50-7	SVOCs	4-Chloro-3-methylphenol	ug/kg	ND	ND	0/36	0.0%	ND	ND	0/8	0.0%
7005-72-3	SVOCs	4-Chlorophenyl Phenyl Ether	ug/kg	ND	ND	0/35	0.0%	ND	ND	0/8	0.0%
100-02-7	SVOCs	4-Nitrophenol	ug/kg	ND	ND	0/36	0.0%	ND	ND	0/8	0.0%
83-32-9	SVOCs	Acenaphthene	ug/kg	ND	ND	0/35	0.0%	ND	ND	0/8	0.0%
208-96-8	SVOCs	Acenaphthylene	ug/kg	ND	ND	0/35	0.0%	ND	ND	0/8	0.0%
120-12-7	SVOCs	Anthracene	ug/kg	100	223	1/35	2.9%	ND	ND	0/8	0.0%
56-55-3	SVOCs	Benzo(a)anthracene	ug/kg	91	213	3/35	8.6%	ND	ND	0/8	0.0%
50-32-8	SVOCs	Benzo(a)pyrene	ug/kg	72	198	6/35	17.1%	ND	ND	0/8	0.0%

Table 3-7. Concentrations and frequency of detection of all target analytes in Sediments collected from aquatic sampling sites in Mississippi River.

CAS	Chemical Class	Analyte	Units	Site Areas (Combined)				Reference Area			
				Max Conc	Avg Conc	Freq. Of Det (FOD)	%FOD	Max Conc	Avg Conc	Freq. Of Det (FOD)	%FOD
205-99-2	SVOCs	Benzo(b)fluoranthene	ug/kg	75	214	3/85	8.6%	ND	ND	0/8	0.0%
191-24-2	SVOCs	Benzo(g,h,i)perylene	ug/kg	79	197	6/35	17.1%	ND	ND	0/8	0.0%
207-08-9	SVOCs	Benzo(k)fluoranthene	ug/kg	83	196	6/35	17.1%	ND	ND	0/8	0.0%
85-68-7	SVOCs	Benzyl Butyl Phthalate	ug/kg	ND	ND	0/35	0.0%	ND	ND	0/8	0.0%
111-91-1	SVOCs	bis(2-Chloroethoxy)methane	ug/kg	ND	ND	0/35	0.0%	ND	ND	0/8	0.0%
111-44-4	SVOCs	bis(2-Chloroethyl)ether	ug/kg	ND	ND	0/35	0.0%	ND	ND	0/8	0.0%
117-81-7	SVOCs	bis(2-Ethylhexyl)phthalate	ug/kg	88	196	6/35	17.1%	ND	ND	0/8	0.0%
86-74-8	SVOCs	Carbazole	ug/kg	ND	ND	0/35	0.0%	ND	ND	0/8	0.0%
218-01-9	SVOCs	Chrysene	ug/kg	92	178	8/35	22.9%	31	166	1/8	12.5%
53-70-3	SVOCs	Dibenzo(a,h)anthracene	ug/kg	65	226	1/35	2.9%	ND	ND	0/8	0.0%
132-64-9	SVOCs	Dibenzofuran	ug/kg	ND	ND	0/35	0.0%	ND	ND	0/8	0.0%
84-66-2	SVOCs	Diethyl Phthalate	ug/kg	ND	ND	0/35	0.0%	ND	ND	0/8	0.0%
131-11-3	SVOCs	Dimethyl Phthalate	ug/kg	ND	ND	0/35	0.0%	ND	ND	0/8	0.0%
84-74-2	SVOCs	Di-n-butylphthalate	ug/kg	ND	ND	0/35	0.0%	ND	ND	0/8	0.0%
117-84-0	SVOCs	Di-n-octylphthalate	ug/kg	41	226	1/35	2.9%	ND	ND	0/8	0.0%
206-44-0	SVOCs	Fluoranthene	ug/kg	160	198	5/35	14.3%	41	145	2/8	25.0%
86-73-7	SVOCs	Fluorene	ug/kg	ND	ND	0/35	0.0%	ND	ND	0/8	0.0%
118-74-1	SVOCs	Hexachlorobenzene	ug/kg	ND	ND	0/35	0.0%	ND	ND	0/8	0.0%
87-68-3	SVOCs	Hexachlorobutadiene	ug/kg	ND	ND	0/35	0.0%	ND	ND	0/8	0.0%
77-47-4	SVOCs	Hexachlorocyclopentadiene	ug/kg	ND	ND	0/35	0.0%	ND	ND	0/8	0.0%
67-72-1	SVOCs	Hexachloroethane	ug/kg	ND	ND	0/35	0.0%	ND	ND	0/8	0.0%
193-39-5	SVOCs	Indeno(1,2,3-cd)pyrene	ug/kg	29	222	2/35	5.7%	ND	ND	0/8	0.0%
78-59-1	SVOCs	Isophorone	ug/kg	390	236	1/35	2.9%	ND	ND	0/8	0.0%
91-20-3	SVOCs	Naphthalene	ug/kg	ND	ND	0/35	0.0%	ND	ND	0/8	0.0%
98-95-3	SVOCs	Nitrobenzene	ug/kg	ND	ND	0/35	0.0%	ND	ND	0/8	0.0%
621-64-7	SVOCs	N-Nitroso-di-n-propylamine	ug/kg	ND	ND	0/35	0.0%	ND	ND	0/8	0.0%
86-30-6	SVOCs	N-Nitrosodiphenylamine	ug/kg	ND	ND	0/35	0.0%	ND	ND	0/8	0.0%
106-47-8	SVOCs	P-Chloroaniline	ug/kg	3000	562	2/35	5.7%	ND	ND	0/8	0.0%
87-86-5	SVOCs	Pentachlorophenol	ug/kg	3.6	10.1	6/34	17.6%				
85-01-8	SVOCs	Phenanthrene	ug/kg	72	210	3/35	8.6%	36	167	1/8	12.5%
108-95-2	SVOCs	Phenol	ug/kg	ND	ND	0/36	0.0%	ND	ND	0/8	0.0%
100-01-6	SVOCs	P-Nitroaniline	ug/kg	ND	ND	0/36	0.0%	ND	ND	0/8	0.0%
129-00-0	SVOCs	Pyrene	ug/kg	150	224	1/35	2.9%	67	171	1/8	12.5%
10061-02-6	SVOCs	trans-1,3-Dichloropropene	ug/kg	ND	ND	0/37	0.0%	ND	ND	0/8	0.0%
72-54-8	Pesticides	4,4'-DDD	ug/kg	1.20	2.18	2/35	5.7%	ND	ND	0/8	0.0%
72-55-9	Pesticides	4,4'-DDE	ug/kg	4.90	1.84	10/35	28.6%	ND	ND	0/7	0.0%
50-29-3	Pesticides	4,4'-DDT	ug/kg	3.30	2.29	3/33	9.1%	ND	ND	0/6	0.0%
309-00-2	Pesticides	Aldrin	ug/kg	2.10	1.21	1/36	2.8%	ND	ND	0/8	0.0%
319-84-6	Pesticides	alpha-BHC	ug/kg	ND	ND	0/35	0.0%	ND	ND	0/8	0.0%
5103-71-9	Pesticides	alpha-Chlordane	ug/kg	1.10	1.16	1/35	2.9%	ND	ND	0/8	0.0%
319-85-7	Pesticides	beta-BHC	ug/kg	0.67	1.13	2/35	5.7%	ND	ND	0/8	0.0%
319-86-8	Pesticides	delta-BHC	ug/kg	0.72	1.15	1/35	2.9%	ND	ND	0/8	0.0%
60-57-1	Pesticides	Dieldrin	ug/kg	2.90	2.20	3/36	8.3%	ND	ND	0/8	0.0%
959-98-8	Pesticides	Endosulfan I	ug/kg	1.00	1.16	1/35	2.9%	ND	ND	0/8	0.0%
33213-65-9	Pesticides	Endosulfan II	ug/kg	ND	ND	0/35	0.0%	ND	ND	0/8	0.0%
1031-07-8	Pesticides	Endosulfan Sulfate	ug/kg	ND	ND	0/35	0.0%	ND	ND	0/8	0.0%
72-20-8	Pesticides	Endrin	ug/kg	ND	ND	0/35	0.0%	ND	ND	0/8	0.0%
7421-93-4	Pesticides	Endrin Aldehyde	ug/kg	4.10	2.24	10/35	28.6%	ND	ND	0/8	0.0%
53494-70-5	Pesticides	Endrin Ketone	ug/kg	1.20	1.92	8/35	22.9%	ND	ND	0/8	0.0%
58-89-9	Pesticides	gamma-BHC (Lindane)	ug/kg	0.18	1.16	1/35	2.9%	ND	ND	0/8	0.0%
5103-74-2	Pesticides	gamma-Chlordane	ug/kg	3.00	1.12	7/35	20.0%	ND	ND	0/8	0.0%
76-44-8	Pesticides	Heptachlor	ug/kg	0.98	1.07	5/35	14.3%	ND	ND	0/8	0.0%
1024-57-3	Pesticides	Heptachlor Epoxide	ug/kg	11	1.40	3/37	8.1%	ND	ND	0/8	0.0%
72-43-5	Pesticides	Methoxychlor	ug/kg	3.3	11	3/35	8.6%	ND	ND	0/8	0.0%
8001-35-2	Pesticides	Toxaphene	ug/kg	ND	ND	0/35	0.0%	ND	ND	0/8	0.0%
93-76-5	Herbicides	2,4,5-T	ug/kg	ND	ND	0/34	0.0%				
93-72-1	Herbicides	2,4,5-TP (Silvex)	ug/kg	ND	ND	0/34	0.0%				
94-75-7	Herbicides	2,4-D	ug/kg	20	6.63	5/36	13.9%	5.2	5.2	1/1	100%
94-82-6	Herbicides	2,4-DB	ug/kg	ND	ND	0/34	0.0%				
75-99-0	Herbicides	Dalapon	ug/kg	9.9	1280	2/24	8.3%				
1918-00-9	Herbicides	Dicamba	ug/kg	ND	ND	0/34	0.0%				
120-36-5	Herbicides	Dichlorprop	ug/kg	6.8	66.0	2/34	5.9%	23	18	5/5	100%
88-85-7	Herbicides	Dinoseb	ug/kg	ND	ND	0/35	0.0%	ND	ND	0/8	0.0%
94-74-6	Herbicides	MCPA (2-Methyl-4- Chlorophenoxyacetic Acid)	ug/kg	380	1351	1/34	2.9%				

Table 3-7. Concentrations and frequency of detection of all target analytes in Sediments collected from aquatic sampling sites in Mississippi River.

CAS	Chemical Class	Analyte	Units	Site Areas (Combined)				Reference Area			
				Max Conc	Avg Conc	Freq. Of Det (FOD)	%FOD	Max Conc	Avg Conc	Freq. Of Det (FOD)	%FOD
93-65-2	Herbicides	MCPP	ug/kg	2500	1394	2/34	5.9%	460	415	2/2	100%
2051-24-3	PCBs	Decachlorobiphenyl	ug/kg	ND	ND	0/37	0.0%	ND	ND	0/8	0.0%
C-DICHLOROBI	PCBs	Dichlorobiphenyl	ug/kg	14	2.53	3/37	8.1%	ND	ND	0/8	0.0%
C-HEPTACHLOR	PCBs	Heptachlorobiphenyl	ug/kg	ND	ND	0/37	0.0%	ND	ND	0/8	0.0%
C-HEXACHLORO	PCBs	Hexachlorobiphenyl	ug/kg	ND	ND	0/37	0.0%	ND	ND	0/8	0.0%
C-MONOCHLORO	PCBs	Monochlorobiphenyl	ug/kg	29	2.99	4/37	10.8%	ND	ND	0/8	0.0%
C-NONACHLORO	PCBs	Nonachlorobiphenyl	ug/kg	12	11.73	2/37	5.4%	ND	ND	0/8	0.0%
C-OCTA-BIPHE	PCBs	Octachlorobiphenyl	ug/kg	ND	ND	0/37	0.0%	ND	ND	0/8	0.0%
C-PENTBIPHEN	PCBs	Pentachlorobiphenyl	ug/kg	4.4	4.62	1/37	2.7%	ND	ND	0/8	0.0%
C-TETRACHLOR	PCBs	Tetrachlorobiphenyl	ug/kg	ND	ND	0/37	0.0%	ND	ND	0/8	0.0%
C-TRICHLOROB	PCBs	Trichlorobiphenyl	ug/kg	10	2.36	4/37	10.8%	ND	ND	0/8	0.0%
35822-46-9	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	ug/kg	0.055	0.019	3/5	60.0%	ND	ND	0/2	0.0%
67562-39-4	Dioxins	1,2,3,4,6,7,8-HpCDF	ug/kg	0.0077	0.0026	2/5	40.0%	ND	ND	0/2	0.0%
55673-89-7	Dioxins	1,2,3,4,7,8,9-HpCDF	ug/kg	ND	ND	0/5	0.0%	ND	ND	0/2	0.0%
39227-28-6	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	ug/kg	ND	ND	0/5	0.0%	ND	ND	0/2	0.0%
70648-26-9	Dioxins	1,2,3,4,7,8-HxCDF	ug/kg	ND	ND	0/5	0.0%	ND	ND	0/2	0.0%
57653-85-7	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	ug/kg	ND	ND	0/5	0.0%	ND	ND	0/2	0.0%
57117-44-9	Dioxins	1,2,3,6,7,8-HxCDF	ug/kg	ND	ND	0/5	0.0%	ND	ND	0/2	0.0%
19408-74-3	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	ug/kg	ND	ND	0/5	0.0%	ND	ND	0/2	0.0%
72918-21-9	Dioxins	1,2,3,7,8,9-HxCDF	ug/kg	ND	ND	0/5	0.0%	ND	ND	0/2	0.0%
57117-41-6	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	ug/kg	ND	ND	0/5	0.0%	ND	ND	0/2	0.0%
40321-76-4	Dioxins	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	ug/kg	ND	ND	0/5	0.0%	ND	ND	0/2	0.0%
60851-34-5	Dioxins	2,3,4,6,7,8-HxCDF	ug/kg	ND	ND	0/5	0.0%	ND	ND	0/2	0.0%
57117-31-4	Dioxins	2,3,4,7,8-PeCDF	ug/kg	ND	ND	0/5	0.0%	ND	ND	0/2	0.0%
1746-01-6	Dioxins	2,3,7,8-TCDD	ug/kg	ND	ND	0/5	0.0%	ND	ND	0/2	0.0%
51207-31-9	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	ug/kg	0.0011	0.00034	1/5	20.0%	ND	ND	0/2	0.0%
3268-87-9	Dioxins	OCDD	ug/kg	1.8	0.50	5/5	100%	0.035	0.024	2/2	100.0%
39001-02-0	Dioxins	OCDF	ug/kg	0.036	0.015	3/5	60.0%	ND	ND	0/2	0.0%
37871-00-4	Dioxins	Total HpCDD	ug/kg	0.13	0.041	3/5	60.0%	0.0027	0.0016	1/2	50.0%
38998-75-3	Dioxins	Total HpCDF	ug/kg	0.029	0.011	3/5	60.0%	ND	ND	0/2	0.0%
34465-46-8	Dioxins	Total HxCDD	ug/kg	0.0150	0.0034	1/5	20.0%	ND	ND	0/2	0.0%
55684-94-1	Dioxins	Total HxCDF	ug/kg	0.0046	0.0013	1/5	20.0%	ND	ND	0/2	0.0%
36088-22-9	Dioxins	Total PeCDD	ug/kg	ND	ND	0/5	0.0%	ND	ND	0/2	0.0%
30402-15-4	Dioxins	Total PeCDF	ug/kg	0.0047	0.0011	1/5	20.0%	ND	ND	0/2	0.0%
41903-57-5	Dioxins	Total TCDD	ug/kg	0.012	0.0027	2/5	40.0%	ND	ND	0/2	0.0%
55722-27-5	Dioxins	Total TCDF	ug/kg	0.018	0.0037	1/5	20.0%	ND	ND	0/2	0.0%
7429-90-5	Metals	Aluminum	mg/kg	9400	2825	37/37	100%	5900	1688.75	8/8	100%
7440-36-0	Metals	Antimony	mg/kg	ND	ND	0/37	0.0%	ND	ND	0/8	0.0%
7440-38-2	Metals	Arsenic	mg/kg	7.5	2.98	37/37	100%	5.6	2.2	8/8	100%
7440-39-3	Metals	Barium	mg/kg	300	86.0	37/37	100%	140	42.25	8/8	100%
7440-41-7	Metals	Beryllium	mg/kg	0.64	0.24	27/37	73.0%	0.48	0.2575	1/8	12.5%
7440-43-9	Metals	Cadmium	mg/kg	1.4	0.48	17/37	45.9%	1.2	0.38	1/8	12.5%
7440-70-2	Metals	Calcium	mg/kg	18000	5940	37/37	100%	8200	2790	8/8	100%
7440-47-3	Metals	Chromium	mg/kg	19	6.73	37/37	100%	11	4.65	8/8	100%
7440-48-4	Metals	Cobalt	mg/kg	10	3.98	37/37	100%	6	3.1	8/8	100%
7440-50-8	Metals	Copper	mg/kg	20	5.93	31/37	83.8%	12	2.86	8/8	100%
7439-89-6	Metals	Iron	mg/kg	20000	8089	37/37	100%	12000	5087.5	8/8	100%
7439-92-1	Metals	Lead	mg/kg	47	16.48	37/37	100%	12	4.35	8/8	100%
7439-95-4	Metals	Magnesium	mg/kg	6400	2170	37/37	100%	3400	1246.25	8/8	100%
7439-96-5	Metals	Manganese	mg/kg	1000	272	37/37	100%	500	184.75	8/8	100%
7439-97-6	Metals	Mercury	mg/kg	0.067	0.019	25/37	67.6%	0.13	0.03	4/8	50.0%
7440-02-0	Metals	Nickel	mg/kg	21	8.78	37/37	100%	15	7.23	8/8	100%
7440-09-7	Metals	Potassium	mg/kg	1300	438	37/37	100%	820	255.75	8/8	100%
7782-49-2	Metals	Selenium	mg/kg	ND	ND	0/37	0.0%	ND	ND	0/8	0.0%
7440-22-4	Metals	Silver	mg/kg	0.13	0.63	1/37	2.7%	ND	ND	0/8	0.0%
7440-23-5	Metals	Sodium	mg/kg	290	78.4	20/37	54.1%	78	39.5	8/8	100%
7440-28-0	Metals	Thallium	mg/kg	1.30	0.67	1/37	2.7%	ND	ND	0/8	0.0%
7440-62-2	Metals	Vanadium	mg/kg	25	9.70	37/37	100%	19	6.4	8/8	100%
7440-66-6	Metals	Zinc	mg/kg	310	89.7	36/37	97.3%	89	21.05	7/8	87.5%

Table 3-8. Concentrations and frequency of detection of all target analytes in Surface Water collected from aquatic sampling sites in Mississippi River.

CAS	Chemical Class	Total or Diss.	Analyte	Units	Site Areas				Reference Area			
					Max. Conc	Avg. Conc	Freq. Of Det (FOD)	%FOD	Max Conc	Avg Conc	Freq. Of Det (FOD)	%FOD
71-55-6	VOCs	T	1,1,1-Trichloroethane	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
79-34-5	VOCs	T	1,1,2,2-Tetrachloroethane	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
79-00-5	VOCs	T	1,1,2-Trichloroethane	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
75-34-3	VOCs	T	1,1-Dichloroethane	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
75-35-4	VOCs	T	1,1-Dichloroethylene	ug/l	0.42	0.49	3/39	7.7%	ND	ND	0/8	0.0%
120-82-1	VOCs	T	1,2,4-Trichlorobenzene	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
107-06-2	VOCs	T	1,2-Dichloroethane	ug/l	0.70	0.45	11/39	28.2%	ND	ND	0/8	0.0%
540-59-0	VOCs	T	1,2-Dichloroethene (total)	ug/l	0.36	0.94	3/39	7.7%	ND	ND	0/8	0.0%
78-87-5	VOCs	T	1,2-Dichloropropane	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
541-73-1	VOCs	T	1,3-Dichlorobenzene	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
106-46-7	VOCs	T	1,4-Dichlorobenzene	ug/l	3.90	4.97	1/39	2.6%	ND	ND	0/8	0.0%
108-60-1	VOCs	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
78-93-3	VOCs	T	2-Butanone (MEK)	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
108-10-1	VOCs	T	4-Methyl-2-pentanone (MIBK)	ug/l	3.80	4.97	1/39	2.6%	ND	ND	0/8	0.0%
67-64-1	VOCs	T	Acetone	ug/l	40	13	1/39	2.6%	ND	ND	0/8	0.0%
71-43-2	VOCs	T	Benzene	ug/l	4.50	0.55	14/39	35.9%	ND	ND	0/8	0.0%
75-27-4	VOCs	T	Bromodichloromethane	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
75-25-2	VOCs	T	Bromoform	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
74-83-9	VOCs	T	Bromomethane	ug/l	ND	ND	0/38	0.0%	ND	ND	0/8	0.0%
75-15-0	VOCs	T	Carbon Disulfide	ug/l	0.69	0.48	5/39	12.8%	ND	ND	0/8	0.0%
56-23-5	VOCs	T	Carbon Tetrachloride	ug/l	0.17	0.49	1/39	2.6%	ND	ND	0/8	0.0%
108-90-7	VOCs	T	Chlorobenzene	ug/l	56	3.17	28/39	71.8%	ND	ND	0/8	0.0%
124-48-1	VOCs	T	Chlorodibromomethane	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
75-00-3	VOCs	T	Chloroethane	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
67-66-3	VOCs	T	Chloroform	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
74-87-3	VOCs	T	Chloromethane	ug/l	0.96	0.50	5/39	12.8%	0.5	0.47	1/8	12.5%
10061-01-5	VOCs	T	cis-1,3-Dichloropropene	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
75-09-2	VOCs	T	Dichloromethane	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
100-41-4	VOCs	T	Ethylbenzene	ug/l	1.30	0.52	1/39	2.6%	ND	ND	0/8	0.0%
591-78-6	VOCs	T	Methyl N-Butyl Ketone	ug/l	0.33	4.88	1/39	2.6%	ND	ND	0/8	0.0%
100-42-5	VOCs	T	Styrene (Monomer)	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
127-18-4	VOCs	T	Tetrachloroethene	ug/l	0.45	0.50	1/39	2.6%	ND	ND	0/8	0.0%
108-88-3	VOCs	T	Toluene	ug/l	4.50	0.61	10/39	25.6%	ND	ND	0/8	0.0%
79-01-6	VOCs	T	Trichloroethylene	ug/l	0.58	0.50	1/39	2.6%	ND	ND	0/8	0.0%
75-01-4	VOCs	T	Vinyl chloride	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
1330-20-7	VOCs	T	Xylenes, Total	ug/l	3.00	1.03	3/39	7.7%	ND	ND	0/8	0.0%
95-50-1	SVOCs	T	1,2-Dichlorobenzene	ug/l	40	5.80	2/39	5.1%	ND	ND	0/8	0.0%
95-95-4	SVOCs	T	2,4,5-Trichlorophenol	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
88-06-2	SVOCs	T	2,4,6-Trichlorophenol	ug/l	17	5.31	1/39	2.6%	ND	ND	0/8	0.0%
120-83-2	SVOCs	T	2,4-Dichlorophenol	ug/l	69	5.93	11/39	28.2%	ND	ND	0/8	0.0%

Table 3-8. Concentrations and frequency of detection of all target analytes in Surface Water collected from aquatic sampling sites in Mississippi River.

CAS	Chemical Class	Total or Diss.	Analyte	Units	Site Areas				Reference Area			
					Max. Conc	Avg. Conc	Freq. Of Det (FOD)	%FOD	Max Conc	Avg Conc	Freq. Of Det (FOD)	%FOD
105-67-9	SVOCs	T	2,4-Dimethylphenol	ug/l	8.30	5.08	1/39	2.6%	ND	ND	0/8	0.0%
51-28-5	SVOCs	T	2,4-Dinitrophenol	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
121-14-2	SVOCs	T	2,4-Dinitrotoluene	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
606-20-2	SVOCs	T	2,6-Dinitrotoluene	ug/l	17	5.31	1/39	2.6%	ND	ND	0/8	0.0%
91-58-7	SVOCs	T	2-Chloronaphthalene	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
95-57-8	SVOCs	T	2-Chlorophenol	ug/l	31	5.28	6/39	15.4%	ND	ND	0/8	0.0%
91-57-6	SVOCs	T	2-Methylnaphthalene	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
95-48-7	SVOCs	T	2-Methylphenol (o-Cresol)	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
88-74-4	SVOCs	T	2-Nitroaniline	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
88-75-5	SVOCs	T	2-Nitrophenol	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
91-94-1	SVOCs	T	3,3'-Dichlorobenzidine	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
108-44-5	SVOCs	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	ug/l	27	5.47	2/39	5.1%	ND	ND	0/8	0.0%
99-09-2	SVOCs	T	3-Nitroaniline	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
534-52-1	SVOCs	T	4,6-Dinitro-2-methylphenol	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
101-55-3	SVOCs	T	4-Bromophenyl Phenyl Ether	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
59-50-7	SVOCs	T	4-Chloro-3-methylphenol	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
7005-72-3	SVOCs	T	4-Chlorophenyl Phenyl Ether	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
100-02-7	SVOCs	T	4-Nitrophenol	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
83-32-9	SVOCs	T	Acenaphthene	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
208-96-8	SVOCs	T	Acenaphthylene	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
120-12-7	SVOCs	T	Anthracene	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
56-55-3	SVOCs	T	Benzo(a)anthracene	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
50-32-8	SVOCs	T	Benzo(a)pyrene	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
205-99-2	SVOCs	T	Benzo(b)fluoranthene	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
191-24-2	SVOCs	T	Benzo(g,h,i)perylene	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
207-08-9	SVOCs	T	Benzo(k)fluoranthene	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
85-68-7	SVOCs	T	Benzyl Butyl Phthalate	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
111-91-1	SVOCs	T	bis(2-Chloroethoxy)methane	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
111-44-4	SVOCs	T	bis(2-Chloroethyl)ether	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
117-81-7	SVOCs	T	bis(2-Ethylhexyl)phthalate	ug/l	1.70	4.92	1/39	2.6%	14	6.125	1/8	12.5%
86-74-8	SVOCs	T	Carbazole	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
218-01-9	SVOCs	T	Chrysene	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
53-70-3	SVOCs	T	Dibenzo(a,h)anthracene	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
132-64-9	SVOCs	T	Dibenzofuran	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
84-66-2	SVOCs	T	Diethyl Phthalate	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
131-11-3	SVOCs	T	Dimethyl Phthalate	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
84-74-2	SVOCs	T	Di-n-butylphthalate	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
117-84-0	SVOCs	T	Di-n-octylphthalate	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
206-44-0	SVOCs	T	Fluoranthene	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
86-73-7	SVOCs	T	Fluorene	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%

Table 3-8. Concentrations and frequency of detection of all target analytes in Surface Water collected from aquatic sampling sites in Mississippi River.

CAS	Chemical Class	Total or Diss.	Analyte	Units	Site Areas				Reference Area			
					Max. Conc	Avg. Conc	Freq. Of Det (FOD)	%FOD	Max Conc	Avg Conc	Freq. Of Det (FOD)	%FOD
118-74-1	SVOCs	T	Hexachlorobenzene	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
87-68-3	SVOCs	T	Hexachlorobutadiene	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
77-47-4	SVOCs	T	Hexachlorocyclopentadiene	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
67-72-1	SVOCs	T	Hexachloroethane	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
193-39-5	SVOCs	T	Indeno(1,2,3-cd)pyrene	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
78-59-1	SVOCs	T	Isophorone	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
91-20-3	SVOCs	T	Naphthalene	ug/l	21	5.41	1/39	2.6%	ND	ND	0/8	0.0%
98-95-3	SVOCs	T	Nitrobenzene	ug/l	2.50	4.94	1/39	2.6%	ND	ND	0/8	0.0%
621-64-7	SVOCs	T	N-Nitroso-di-n-propylamine	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
86-30-6	SVOCs	T	N-Nitrosodiphenylamine	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
106-47-8	SVOCs	T	P-Chloroaniline	ug/l	160	12.05	17/39	43.6%	ND	ND	0/8	0.0%
87-86-5	SVOCs	T	Pentachlorophenol	ug/l	1.90	0.54	1/39	2.6%	0.3	0.475	1/8	12.5%
85-01-8	SVOCs	T	Phenanthrene	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
108-95-2	SVOCs	T	Phenol	ug/l	14	5.44	10/39	25.6%	ND	ND	0/8	0.0%
100-01-6	SVOCs	T	P-Nitroaniline	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
129-00-0	SVOCs	T	Pyrene	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
10061-02-6	SVOCs	T	trans-1,3-Dichloropropene	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
72-54-8	Pesticides	T	4,4'-DDD	ug/l	ND	ND	0/38	0.0%	ND	ND	0/8	0.0%
72-55-9	Pesticides	T	4,4'-DDE	ug/l	ND	ND	0/38	0.0%	ND	ND	0/8	0.0%
50-29-3	Pesticides	T	4,4'-DDT	ug/l	ND	ND	0/38	0.0%	ND	ND	0/8	0.0%
309-00-2	Pesticides	T	Aldrin	ug/l	ND	ND	0/38	0.0%	ND	ND	0/8	0.0%
319-84-6	Pesticides	T	alpha-BHC	ug/l	ND	ND	0/38	0.0%	ND	ND	0/8	0.0%
5103-71-9	Pesticides	T	alpha-Chlordane	ug/l	ND	ND	0/38	0.0%	ND	ND	0/8	0.0%
319-85-7	Pesticides	T	beta-BHC	ug/l	0.0092	0.024	2/38	5.3%	ND	ND	0/8	0.0%
319-86-8	Pesticides	T	delta-BHC	ug/l	ND	ND	0/38	0.0%	ND	ND	0/8	0.0%
60-57-1	Pesticides	T	Dieldrin	ug/l	ND	ND	0/38	0.0%	ND	ND	0/8	0.0%
959-98-8	Pesticides	T	Endosulfan I	ug/l	ND	ND	0/38	0.0%	ND	ND	0/8	0.0%
33213-65-9	Pesticides	T	Endosulfan II	ug/l	ND	ND	0/38	0.0%	ND	ND	0/8	0.0%
1031-07-8	Pesticides	T	Endosulfan Sulfate	ug/l	ND	ND	0/38	0.0%	ND	ND	0/8	0.0%
72-20-8	Pesticides	T	Endrin	ug/l	ND	ND	0/38	0.0%	ND	ND	0/8	0.0%
7421-93-4	Pesticides	T	Endrin Aldehyde	ug/l	ND	ND	0/38	0.0%	ND	ND	0/8	0.0%
53494-70-5	Pesticides	T	Endrin Ketone	ug/l	0.023	0.048	2/38	5.3%	0.024	0.0261	6/8	75.0%
58-89-9	Pesticides	T	gamma-BHC (Lindane)	ug/l	ND	ND	0/38	0.0%	ND	ND	0/8	0.0%
5103-74-2	Pesticides	T	gamma-Chlordane	ug/l	ND	ND	0/38	0.0%	ND	ND	0/8	0.0%
76-44-8	Pesticides	T	Heptachlor	ug/l	ND	ND	0/38	0.0%	ND	ND	0/8	0.0%
1024-57-3	Pesticides	T	Heptachlor Epoxide	ug/l	ND	ND	0/38	0.0%	ND	ND	0/8	0.0%
72-43-5	Pesticides	T	Methoxychlor	ug/l	ND	ND	0/38	0.0%	ND	ND	0/8	0.0%
8001-35-2	Pesticides	T	Toxaphene	ug/l	ND	ND	0/38	0.0%	ND	ND	0/8	0.0%
93-76-5	Herbicides	T	2,4,5-T	ug/l	0.30	0.25	1/39	2.6%	ND	ND	0/8	0.0%
93-72-1	Herbicides	T	2,4,5-TP (Silvex)	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%

Table 3-8. Concentrations and frequency of detection of all target analytes in Surface Water collected from aquatic sampling sites in Mississippi River.

CAS	Chemical Class	Total or Diss.	Analyte	Units	Site Areas				Reference Area			
					Max. Conc	Avg. Conc	Freq. Of Det (FOD)	%FOD	Max Conc	Avg Conc	Freq. Of Det (FOD)	%FOD
94-75-7	Herbicides	T	2,4-D	ug/l	29	1.96	25/39	64.1%	ND	ND	0/8	0.0%
94-82-6	Herbicides	T	2,4-DB	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
75-99-0	Herbicides	T	Dalapon	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
1918-00-9	Herbicides	T	Dicamba	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
120-36-5	Herbicides	T	Dichlorprop	ug/l	2.20	2.31	12/39	30.8%	ND	ND	0/8	0.0%
88-85-7	Herbicides	T	Dinoseb	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
94-74-6	Herbicides	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	ug/l	31	59	1/39	2.6%	ND	ND	0/8	0.0%
93-65-2	Herbicides	T	MCPP	ug/l	53	60	1/39	2.6%	ND	ND	0/8	0.0%
2051-24-3	PCBs	T	Decachlorobiphenyl	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
C-DICHLOROBI	PCBs	T	Dichlorobiphenyl	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
C-HEPTACHLOR	PCBs	T	Heptachlorobiphenyl	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
C-HEXACHLORO	PCBs	T	Hexachlorobiphenyl	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
C-MONOCHLORO	PCBs	T	Monochlorobiphenyl	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
C-NONACHLORO	PCBs	T	Nonachlorobiphenyl	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
C-OCTA-BIPHE	PCBs	T	Octachlorobiphenyl	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
C-PENTBIPHEN	PCBs	T	Pentachlorobiphenyl	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
C-TETRACHLOR	PCBs	T	Tetrachlorobiphenyl	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
C-TRICHLOROB	PCBs	T	Trichlorobiphenyl	ug/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
35822-46-9	Dioxins	T	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	ug/l	ND	ND	0/5	0.0%	ND	ND	0/2	0.0%
67562-39-4	Dioxins	T	1,2,3,4,6,7,8-HpCDF	ug/l	ND	ND	0/5	0.0%	ND	ND	0/2	0.0%
55673-89-7	Dioxins	T	1,2,3,4,7,8,9-HpCDF	ug/l	ND	ND	0/5	0.0%	ND	ND	0/2	0.0%
39227-28-6	Dioxins	T	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	ug/l	ND	ND	0/5	0.0%	ND	ND	0/2	0.0%
70648-26-9	Dioxins	T	1,2,3,4,7,8-HxCDF	ug/l	ND	ND	0/5	0.0%	ND	ND	0/2	0.0%
57653-85-7	Dioxins	T	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	ug/l	ND	ND	0/5	0.0%	ND	ND	0/2	0.0%
57117-44-9	Dioxins	T	1,2,3,6,7,8-HxCDF	ug/l	ND	ND	0/5	0.0%	ND	ND	0/2	0.0%
19408-74-3	Dioxins	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	ug/l	ND	ND	0/5	0.0%	ND	ND	0/2	0.0%
72918-21-9	Dioxins	T	1,2,3,7,8,9-HxCDF	ug/l	ND	ND	0/5	0.0%	ND	ND	0/2	0.0%
57117-41-6	Dioxins	T	1,2,3,7,8-Pentachlorodibenzofuran	ug/l	ND	ND	0/5	0.0%	ND	ND	0/2	0.0%
40321-76-4	Dioxins	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	ug/l	ND	ND	0/5	0.0%	ND	ND	0/2	0.0%
60851-34-5	Dioxins	T	2,3,4,6,7,8-HxCDF	ug/l	ND	ND	0/5	0.0%	ND	ND	0/2	0.0%
57117-31-4	Dioxins	T	2,3,4,7,8-PeCDF	ug/l	ND	ND	0/5	0.0%	ND	ND	0/2	0.0%
1746-01-6	Dioxins	T	2,3,7,8-TCDD	ug/l	ND	ND	0/5	0.0%	ND	ND	0/2	0.0%
51207-31-9	Dioxins	T	2,3,7,8-Tetrachlorodibenzofuran	ug/l	ND	ND	0/5	0.0%	ND	ND	0/2	0.0%
3268-87-9	Dioxins	T	OCDD	ug/l	ND	ND	0/5	0.0%	ND	ND	0/2	0.0%
39001-02-0	Dioxins	T	OCDF	ug/l	ND	ND	0/5	0.0%	ND	ND	0/2	0.0%

Table 3-8. Concentrations and frequency of detection of all target analytes in Surface Water collected from aquatic sampling sites in Mississippi River.

CAS	Chemical Class	Total or Diss.	Analyte	Units	Site Areas				Reference Area			
					Max. Conc	Avg. Conc	Freq. Of Det (FOD)	%FOD	Max Conc	Avg Conc	Freq. Of Det (FOD)	%FOD
37871-00-4	Dioxins	T	Total HpCDD	ug/l	ND	ND	0/5	0.0%	ND	ND	0/2	0.0%
38998-75-3	Dioxins	T	Total HpCDF	ug/l	ND	ND	0/5	0.0%	ND	ND	0/2	0.0%
34465-46-8	Dioxins	T	Total HxCDD	ug/l	ND	ND	0/5	0.0%	ND	ND	0/2	0.0%
55684-94-1	Dioxins	T	Total HxCDF	ug/l	ND	ND	0/5	0.0%	ND	ND	0/2	0.0%
36088-22-9	Dioxins	T	Total PeCDD	ug/l	ND	ND	0/5	0.0%	ND	ND	0/2	0.0%
30402-15-4	Dioxins	T	Total PeCDF	ug/l	ND	ND	0/5	0.0%	ND	ND	0/2	0.0%
41903-57-5	Dioxins	T	Total TCDD	ug/l	ND	ND	0/5	0.0%	ND	ND	0/2	0.0%
55722-27-5	Dioxins	T	Total TCDF	ug/l	ND	ND	0/5	0.0%	ND	ND	0/2	0.0%
7429-90-5	Metals	D	Aluminum	mg/l	0.012	0.09	3/39	7.7%	ND	ND	0/8	0.0%
7429-90-5	Metals	T	Aluminum	mg/l	1.10	0.76	38/39	97.4%	0.88	0.71	8/8	100.0%
7440-36-0	Metals	D	Antimony	mg/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
7440-36-0	Metals	T	Antimony	mg/l	0.0051	0.01	1/39	2.6%	ND	ND	0/8	0.0%
7440-38-2	Metals	D	Arsenic	mg/l	0.0055	0.01	1/39	2.6%	0.005	0.011	1/8	12.5%
7440-38-2	Metals	T	Arsenic	mg/l	0.0061	0.0049	7/39	17.9%	ND	ND	0/8	0.0%
7440-39-3	Metals	D	Barium	mg/l	0.054	0.052	39/39	100.0%	0.051	0.050	8/8	100.0%
7440-39-3	Metals	T	Barium	mg/l	0.065	0.061	39/39	100.0%	0.061	0.059	8/8	100.0%
7440-41-7	Metals	D	Beryllium	mg/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
7440-41-7	Metals	T	Beryllium	mg/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
7440-43-9	Metals	D	Cadmium	mg/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
7440-43-9	Metals	T	Cadmium	mg/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
7440-70-2	Metals	D	Calcium	mg/l	53	51	39/39	100.0%	50	50	8/8	100.0%
7440-70-2	Metals	T	Calcium	mg/l	54	51	39/39	100.0%	53	51	8/8	100.0%
7440-47-3	Metals	D	Chromium	mg/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
7440-47-3	Metals	T	Chromium	mg/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
7440-48-4	Metals	D	Cobalt	mg/l	0.001	0.0047	3/39	7.7%	ND	ND	0/8	0.0%
7440-48-4	Metals	T	Cobalt	mg/l	0.0012	0.0042	9/39	23.1%	0.0011	0.005	1/8	12.5%
7440-50-8	Metals	D	Copper	mg/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
7440-50-8	Metals	T	Copper	mg/l	0.039	0.01	2/39	5.1%	ND	ND	0/8	0.0%
7439-89-6	Metals	D	Iron	mg/l	0.087	0.04	28/39	71.8%	0.03	0.028	7/8	87.5%
7439-89-6	Metals	T	Iron	mg/l	1.40	1.06	39/39	100.0%	1.10	0.968	8/8	100.0%
7439-92-1	Metals	D	Lead	mg/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
7439-92-1	Metals	T	Lead	mg/l	0.0049	0.0026	5/39	12.8%	ND	ND	0/8	0.0%
7439-95-4	Metals	D	Magnesium	mg/l	22	20	39/39	100.0%	20	20	8/8	100.0%
7439-95-4	Metals	T	Magnesium	mg/l	22	20	39/39	100.0%	21	21	8/8	100.0%
7439-96-5	Metals	D	Manganese	mg/l	0.0014	0.0049	1/39	2.6%	ND	ND	0/8	0.0%
7439-96-5	Metals	T	Manganese	mg/l	0.14	0.086	38/39	97.4%	0.084	0.081	8/8	100.0%
7439-97-6	Metals	D	Mercury	mg/l	0.00012	0.00010	3/39	7.7%	ND	ND	0/8	0.0%
7439-97-6	Metals	T	Mercury	mg/l	0.0002	0.00010	3/39	7.7%	ND	ND	0/8	0.0%
7440-02-0	Metals	D	Nickel	mg/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
7440-02-0	Metals	T	Nickel	mg/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
7440-09-7	Metals	D	Potassium	mg/l	3.60	3.38	39/39	100.0%	3.30	3.19	8/8	100.0%

Table 3-8. Concentrations and frequency of detection of all target analytes in Surface Water collected from aquatic sampling sites in Mississippi River.

CAS	Chemical Class	Total or Diss.	Analyte	Units	Site Areas				Reference Area			
					Max. Conc	Avg. Conc	Freq. Of Det (FOD)	%FOD	Max Conc	Avg Conc	Freq. Of Det (FOD)	%FOD
7440-09-7	Metals	T	Potassium	mg/l	3.70	3.49	39/39	100.0%	3.50	3.35	8/8	100.0%
7782-49-2	Metals	D	Selenium	mg/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
7782-49-2	Metals	T	Selenium	mg/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
7440-22-4	Metals	D	Silver	mg/l	0.00064	0.0049	1/39	2.6%	ND	ND	0/8	0.0%
7440-22-4	Metals	T	Silver	mg/l	0.00064	0.0049	1/39	2.6%	ND	ND	0/8	0.0%
7440-23-5	Metals	D	Sodium	mg/l	24	20	39/39	100.0%	20	18	8/8	100.0%
7440-23-5	Metals	T	Sodium	mg/l	24	20	39/39	100.0%	20	18	8/8	100.0%
7440-28-0	Metals	D	Thallium	mg/l	ND	ND	0/39	0.0%	ND	ND	0/8	0.0%
7440-28-0	Metals	T	Thallium	mg/l	ND	ND	0/39	0.0%	0.0052	0.0050	1/8	12.5%
7440-62-2	Metals	T	Vanadium	mg/l	0.0042	0.0049	3/39	7.7%	0.0033	0.0048	1/8	12.5%
7440-62-2	Metals	D	Vanadium	mg/l	0.01	0.0050	3/39	7.7%	0.0017	0.0028	5/8	62.5%
7440-66-6	Metals	D	Zinc	mg/l	0.036	0.01	5/39	12.8%	ND	ND	0/8	0.0%
7440-66-6	Metals	T	Zinc	mg/l	0.041	0.01	15/39	38.5%	0.0046	0.009	1/8	12.5%

Table 3-9. Summary of sediment toxicity test results using *Hyalella azteca* and *Chironomous tentans*

Sample ID	Toxicity Test Species			
	Hyalella azteca		*Chironomus tentans*	
	Mean Survival (%)	Mean Growth (mg)*	Mean Survival (%)	Mean Growth (mg)*
R1AD1S	98 (2.7)	0.19 (0.02)	70 (24.5)	1.54 (0.4)
R1AM1S	100 (0)	0.16 (0.02)	86 (20.0)	2.3 (0.3)
R1AU1S	98 (2.7)	0.19 (0.04)	83 (16.3)	2.51 (0.5)
R1BD1S	96 (6.5)	0.17 (0.05)	80 (22.8)	2.22 (0.4)
R1BM1S	92 (2.7)	0.17 (0.02)	82 (16.0)	1.82 (0.4)
R1BM2S	97 (4.5)	0.15 (0.03)	63 (21.6)	1.95 (0.4)
R1BU1S	99 (2.2)	0.18 (0.02)	77 (27.3)	1.98 (0.3)
R1CM1S	96 (5.5)	0.16 (0.03)	75 (21.7)	1.9 (0.3)
Control1	100 (0)	0.15 (0.03)	82 (21.4)	1.52 (0.3)
R2AD1S	89 (4.2)	0.14 (0.07)	80 (21.9)	1.43 (0.3)
R2AM1S	93 (8.4)	0.16 (0.02)	80 (20)	1.99 (0.8)
R2AM2S	93 (7.6)	0.18 (0.04)	90 (12.7)	1.75 (0.6)
R2AU1S	98 (2.7)	0.21 (0.09)	78 (9.8)	2.29 (0.7)
R2BD1S	97 (4.5)	0.17 (0.04)	90 (8.0)	1.75 (0.4)
R2BM1S	97 (4.5)	0.18 (0.03)	80 (16.7)	2.07 (0.4)
R2BU1S	92 (3.7)	0.2 (0.05)	83 (10.3)	1.9 (0.7)
R2CM1S	89 (9.6)	0.17 (0.04)	93 (8.2)	1.89 (0.6)
Control2	96 (4.2)	0.17 (0.02)	70 (16.7)	1.28 (0.5)
R3AD1S	96 (4.2)	0.16 (0.02)	73 (20.0)	2.15 (0.5)
R3AM1S	99 (2.2)	0.17 (0.03)	85 (12.2)	1.98 (0.2)
R3AU1S	97 (2.7)	0.17 (0.4)	85 (16.4)	2.14 (0.3)
R3BD1S	95 (11.1)	0.17 (0.02)	78 (13.3)	1.88 (0.7)
R3BM1S	96 (6.5)	0.18 (0.3)	85 (12.2)	2.22 (0.7)
R3BU1S	94 (13.4)	0.16 (0.05)	83 (16.3)	1.63 (0.9)
R3CM1S	93 (2.7)	0.17 (0.03)	72 (7.5)	1.57 (0.2)
Control3	96 (4.2)	0.17 (0.02)	70 (16.7)	1.28 (0.5)
R4AD1S	97 (2.7)	0.24(0.04)	72 (14.7)	1.36 (0.3)
R4AM1S	97 (2.7)	0.29 (0.05)	80 (17.9)	1.48 (0.5)
R4AU1S	97 (4.5)	0.26 (0.02)	82 (14.7)	1.29 (0.3)
R4BD1S	97 (2.7)	0.24 (0.03)	78 (18.3)	1.19 (0.3)
R4BM1S	100 (0)	0.24 (0.02)	92 (16.0)	1.22 (0.4)
R4BU1S	96 (2.2)	0.26 (0.02)	82 (13.2)	1.29 (0.3)
R4CM1S	95 (6.1)	0.26 (0.04)	70 (21.9)	1.39 (0.6)
R4CM2S	95 (5.0)	0.28 (0.04)	75 (13.8)	1.25 (0.3)
Control4	96 (6.5)	0.21 (0.04)	62 (18.3)	0.86 (0.2)
R5AM1S	96 (5.5)	0.23 (0.02)	77 (13.7)	2.18 (0.4)
R5AN1S	97 (4.5)	0.26 (0.02)	73 (17.5)	1.3 (0.1)
R5AU1S	100 (0)	0.25 (0.03)	85 (16.4)	2.27 (0.6)
R5BM1S	98 (2.7)	0.27 (0.02)	78 (13.2)	1.35 (0.3)
R5BN1S	99 (2.2)	0.28 (0.02)	83 (10.3)	1.38 (0.20
R5BU1S	94 (6.5)	0.24 (0.04)	80 (9.0)	1.53 (0.5)
R5CM1S	98 (2.7)	0.27 (0.05)	73 (16.3)	1.18 (0.3)
Control5	96 (6.5)	0.21 (0.04)	62 (18.3)	0.86 (0.2)
R6AD1S	98 (2.7)	0.23 (0.01)	73 (24.2)	2.45 (0.2)
R6AM1S	98 (4.5)	0.21 (0.03)	73 (15.1)	2.18 (0.2)
R6AM2S	93 (10.4)	0.24 (0.02)	82 (7.5)	1.79 (0.2)
R6AU1S	100 (0)	0.21 (0.02)	77 (16.3)	2.29 (0.2)
R6BM1S	98 (2.7)	0.25 (0.02)	82 (14.8)	2.24 (0.4)
R6BU1S	99 (2.2)	0.24 (0.03)	83 (10.3)	2.14 (0.1)
R6CM1S	98 (2.7)	0.25 (0.04)	83 (18.6)	1.49 (0.2)
Control6	99 (2.2)	0.2 (0.04)	90 (6.3)	1.15 (0.2)

NOTES:
Values in parentheses are standard deviation.
* Mean Growth reported as 'mass (mg) per organism'

Table 3-10. Summary of concentrations and frequency of detection of constituents of concern identified in *Corbicula Fulminea* (clams) in sediment bioaccumulation tests.

				Site Areas				Reference Area				Control				Fish Tissue
CAS	Chemical Class	Analyte	Conc Units	Max. Conc	Avg. Conc	Freq. Of Det (FOD)	%FOD	Max Conc	Avg Conc	Freq. Of Det (FOD)	%FOD	Max Conc	Avg Conc	Freq. Of Det (FOD)	%FOD	TRV Value
117-81-7	SVOCs	bis(2-Ethylhexyl)phthalate	ug/kg	320	477	3/37	8.1%	ND	ND	0/8	0.0%	ND	ND	0/3	0.0%	
193-39-5	SVOCs	Indeno(1,2,3-cd)pyrene	ug/kg	71	484	1/37	2.7%	ND	ND	0/8	0.0%	ND	ND	0/3	0.0%	
87-86-5	SVOCs	Pentachlorophenol	ug/kg	160	15	1/37	2.7%	ND	ND	0/16	0.0%	ND	ND	0/6	0.0%	
72-55-9	Pesticides	4,4'-DDE	ug/kg	19	6.05	32/37	86.5%	14	9.85	8/8	100%	6.40	5.17	3/3	100%	1610
50-29-3	Pesticides	4,4'-DDT	ug/kg	3.50	4.96	1/37	2.7%	2.40	4.68	1/8	12.5%	ND	ND	0/3	0.0%	3900
93-76-5	Herbicides	2,4,5-T	ug/kg	4.60	7.02	1/37	2.7%	11	7.01	2/8	25.0%	ND	ND	0/3	0.0%	300
94-75-7	Herbicides	2,4-D	ug/kg	22	8.02	6/37	16.2%	21	11	5/8	62.5%	ND	ND	0/3	0.0%	
94-82-6	Herbicides	2,4-DB	ug/kg	8.80	6.72	4/37	10.8%	5.40	6.36	2/8	25.0%	4.90	4.40	1/3	33.3%	
120-36-5	Herbicides	Dichlorprop	ug/kg	35	53	14/37	37.8%	4.90	58	3/8	37.5%	ND	ND	0/3	0.0%	
94-74-6	Herbicides	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	ug/kg	480	1628	5/37	13.5%	3100	2263	1/8	12.5%	ND	ND	0/3	0.0%	
93-65-2	Herbicides	MCPP	ug/kg	7800	2018	12/37	32.4%	4500	2675	5/8	62.5%	ND	ND	0/3	0.0%	5740
3268-87-9	Dioxins	OCDD	pg/g	45	3.81	8/37	21.6%	11	2.48	1/8	12.5%	ND	ND	0/3	0.0%	
37871-00-4	Dioxins	Total HpCDD	pg/g	2.80	0.30	1/37	2.7%	ND	ND	0/8	0.0%	ND	ND	0/3	0.0%	
41903-57-5	Dioxins	Total TCDD	pg/g	1.00	0.14	2/37	5.4%	ND	ND	0/8	0.0%	ND	ND	0/3	0.0%	
55722-27-5	Dioxins	Total TCDF	pg/g	2.00	0.67	1/37	2.7%	ND	ND	0/8	0.0%	0.63	0.71	1/3	33.3%	
7429-90-5	Metals	Aluminum	mg/kg	70	31.25	37/37	100%	83	48.5	8/8	100%	61	46	3/3	100%	
7440-38-2	Metals	Arsenic	mg/kg	4.40	1.84	37/37	100%	2.20	1.11	7/8	87.5%	2.20	1.90	3/3	100%	
7440-39-3	Metals	Barium	mg/kg	200	94.62	37/37	100%	130	114	8/8	100%	88	75.00	3/3	100%	
7440-43-9	Metals	Cadmium	mg/kg	0.14	0.22	3/37	8.1%	ND	ND	0/8	0.0%	ND	ND	0/3	0.0%	
7440-47-3	Metals	Chromium	mg/kg	57	5.56	35/37	94.6%	5.00	2.25	5/8	62.5%	5.00	3.87	3/3	100%	
7440-48-4	Metals	Cobalt	mg/kg	1.40	0.50	31/37	83.8%	1.00	0.55	8/8	100%	0.64	0.46	3/3	100%	
7440-50-8	Metals	Copper	mg/kg	11	4.85	37/37	100%	6.00	5.35	8/8	100%	6.2	5.17	3/3	100%	
7439-89-6	Metals	Iron	mg/kg	960	354.05	37/37	100%	840	323	8/8	100%	360	307	3/3	100%	
7439-92-1	Metals	Lead	mg/kg	1.10	0.29	8/35	22.9%	ND	ND	0/8	0.0%	ND	ND	0/3	0.0%	
7439-95-4	Metals	Magnesium	mg/kg	89	56.24	37/37	100%	120	77	8/8	100%	110	74	3/3	100%	
7439-96-5	Metals	Manganese	mg/kg	1300	257.54	37/37	100%	840	425	8/8	100%	480	210	3/3	100%	
7439-97-6	Metals	Mercury	mg/kg	0.013	0.0076	27/37	73.0%	0.0099	0.0077	4/8	50.0%	0.0093	0.01	2/3	66.7%	
7440-02-0	Metals	Nickel	mg/kg	25	1.69	35/37	94.6%	1.1	0.79	8/8	100%	1.1	0.83	3/3	100%	
7440-09-7	Metals	Potassium	mg/kg	190	108.54	37/37	100%	150	107	8/8	100%	150	112	3/3	100%	
7440-23-5	Metals	Sodium	mg/kg	3200	2303	37/37	100%	2300	1938	8/8	100%	2900	2167	3/3	100%	
7440-62-2	Metals	Vanadium	mg/kg	1.70	0.63	16/37	43.2%	1.60	0.74	4/8	50.0%	1.2	0.70	1/3	33.3%	
7440-66-6	Metals	Zinc	mg/kg	13	4.43	37/37	100%	10	5.34	8/8	100%	6.8	4.53	3/3	100%	

Table 3-11. Summary of surface water toxicity testing results using *Pimephales promelas* (fathead minnow) and *Ceriodaphnia dubia*

	Toxicity Test Species					
	P. promelas			*C. dubia*		
Sample ID	Mean Acute Survival (%)	Mean Chronic Survival (%)	Mean Growth (mg)	Mean Acute Survival (%)	Mean Chronic Survival (%)	Neonate Production (n)
R1AD1W	90 (20)	90 (20)	0.37 (0.11)	100 (0)	90 (31)	34 (6.8)
R1AM1W	100 (0)	100 (0)	0.33 (0.03)	100 (0)	100 (0)	33 (11.6)
R1AU1W	98 (5.0)	93 (9.6)	0.36 (0.06)	100 (0)	100 (0)	35 (8.1)
R1BD1W	98 (5.0)	95 (10)	0.36 (0.03)	100 (0)	90 (31)	32 (9.8)
R1BM1W	100 (0)	100 (0)	0.33 (0.05)	100 (0)	100 (0)	28 (11.9)
R1BM2W	100 (0)	98 (5.0)	0.29 (0.02)	100 (0)	100 (0)	35 (8.1)
R1BU1W	95 (10.0	95 (10)	0.37 (0.05)	100 (0)	100 (0)	31 (6.7)
R1CM1W	100 (0)	98 (5.0)	0.36 (0.02)	100 (0)	100 (0)	38 (2.3)
Control1	98 (5.0)	95 (5.8)	0.34 (0.03)	100 (0)	90 (31)	23 (8.2)
R2AD1W	93 (9.6)	90 (8.2)	0.4 (0.03)	100 (0)	100 (0)	34 (9.8)
R2AM1W	98 (5.0)	95 (5.8)	0.37 (0.03)	100 (0)	100 (0)	35 (8.9)
R2AM2W	90 (14.1)	90 (14.1)	0.39 (0.02)	100 (0)	100 (0)	39 (4.9)
R2AU1W	100 (0)	100 (0)	0.36 (0.02)	100 (0)	100 (0)	34 (5.9)
R2BD1W	98 (5.0)	98 (5.0)	0.35 (0.02)	100 (0)	100 (0)	40 (3.2)
R2BM1W	98 (5.0)	98 (5.0)	0.37 (0.03)	100 (0)	100 (0)	35 (8.5)
R2BU1W	90 (8.2)	88 (12.6)	0.38 (0.02)	100 (0)	100 (0)	37 (3.2)
R2CM1W	98 (5.0)	95 (5.8)	0.4 (0.02)	100 (0)	100 (0)	37 (2.7)
Contol2	98 (5.0	98 (5.0)	0.41 (0.04)	100 (0)	100 (0)	29 (7.7)
R3AD1W	98 (5.0)	98 (5.0)	0.32 (0.02)	100 (0)	100 (0)	9 (4.9)
R3AM1W	95 (10.0)	93 (9.6)	0.38 (0.03)	100 (0)	100 (0)	17 (5.8)
R3AU1W	98 (5.0)	88 (9.6)	0.32 (0.02)	0 (0)	0 (0)	0 (0)
R3BD1W	98 (5.0)	95 (5.8)	0.31 (0.02)	100 (0)	100 (0)	32 (7.8)
R3BM1W	93 (5.0)	93 (5.0)	0.38 (0.02)	100 (0)	100 (0)	17(4.1)
R3BU1W	95 (5.8)	95 (5.8)	0.32 (0.02)	100 (0)	100 (0)	6 (6.2)
R3CM1W	100 (0)	98 (5.0)	0.33 (0.04)	100 (0)	100 (0)	36 (4.3)
Control3	98 (5.0)	95 (5.8)	0.31 (0.01)	100 (0)	100 (0)	31 (8.0)
R4AD1W	80 (14.1)	78 (12.5)	0.48 (0.04)	100 (0)	70 (47)	9 (11.0)
R4AM1W	98 (5.0)	95 (10.0)	0.41 (0.04)	100 (0)	67 (49)	11 (13.1)
R4AU1W	93 (9.6)	93 (9.6)	0.46 (0.06)	100 (0)	90 (31)	17 (10.0)
R4BD1W	95 (10)	95 (10)	0.42 (0.03)	100 (0)	100 (0)	26 (9.3)
R4BM1W	98 (5.0)	95 (10.0)	0.44 (0.02)	100 (0)	100 (0)	22 (12.7)
R4BU1W	100 (0)	100 (0)	0.42 (0.02)	100 (0)	80 (41)	20 (10.2)
R4CM1W	85 (23.8)	80 (33.6)	0.53 (0.17)	100 (0)	100 (0)	19 (13.7)
R4CM2W	98 (5.0)	93 (9.6)	0.47 (0.05)	100 (0)	100 (0)	18 (12.7)
Control4	98 (5.0)	98 (5.0)	0.44 (0.02)	100 (0)	100 (0)	25(7.5)
R5AD1W	95 (5.8)	90 (10.0)	0.36 (0.03)	100 (0)	70 (47)	9 (7.7)
R5AM1W	90 (8.2)	88 (9.6)	0.36 (0.04)	100 (0)	100 (0)	9 (5.0)
R5AN1W	98 (5.0)	98 (9.0)	0.38 (0.03)	100 (0)	100 (0)	38 (4.4)
R5AU1W	100 (0)	100 (0)	0.37 (0.02)	100 (0)	100 (0)	33 (11.9)
R5BD1W	98 (5.0)	93 (9.6)	0.37 0.02)	100 (0)	80 (41)	17 (12.2)
R5BM1W	98 (5.0)	95 (5.8)	0.42 (0.03)	100 (0)	80 (41)	14 (12.8)
R5BN1W	88 (18.9)	88 (18.9)	0.41 (0.03)	100 (0)	100 (0)	35 (6.2)
R5BU1W	93 (9.6)	93 (9.6)	0.36 (0.03)	100 (0)	90 (31)	23 (15.4)
R5CM1W	93 (15.0)	93 (15.0)	0.38 (0.05)	100 (0)	100 (0)	15 (12.9)
Control5	100 (0)	98 (5.0)	0.37 (0.01)	100 (0)	100 (0)	17 (12.2)
R6AD1W	98 (5.0)	98 (5.0)	0.34 (0.03)	100 (0)	90 (31)	20 (12.8)
R6AM1W	93 (15.0)	93 (15.0)	0.37 (0.04)	100 (0)	70 (47)	21 (18.1)
R6AM2W	98 (5.0)	98 (5.0)	0.33 (0.03)	100 (0)	100 (0)	31 (11.4)
R6AU1W	95 (5.8)	95 (5.8)	0.34 (0.03)	100 (0)	80 (41)	18 (16.8)
R6BM1W	95 (10.0)	85 (23.8)	0.37 (0.02)	100 (0)	80 (41)	8 (13.4)
R6BU1W	100 (0)	98 (5.0)	0.33 (0.03)	100 (0)	90 (31)	19 (17.1)
R6CM1W	95 (5.8)	95 (5.8)	0.35 0.02)	100 (0)	100 (0)	29 (12.3)
Control6	93 (15.0)	90 (14.1)	0.39 (0.02)	100 (0)	90 (31)	26 (10.7)

NOTES :

1. Values in parentheses are standard deviation.

Table 3-12. Summary of concentrations and frequency of detection of target analytes in whole fish tissue composites from plume discharge areas (Site) and reference areas.

CAS	Chemical Class	Analyte	Units	Site (Plume Discharge Area)				Downstream Reference (DDA)				Upstream Reference (UDA)			
				Max Conc	Avg Conc	Freq. Detect	%FOD	Max Conc	Avg Conc	Freq. Detect	%FOD	Max Conc	Avg Conc	Freq. Detect	%FOD
87-61-6	SVOCs	1,2,3-Trichlorobenzene	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
120-82-1	SVOCs	1,2,4-Trichlorobenzene	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
95-50-1	SVOCs	1,2-Dichlorobenzene	ug/kg	240	228	4/9	44.4%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
108-70-3	SVOCs	1,3,5-Trichlorobenzene	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
541-73-1	SVOCs	1,3-Dichlorobenzene	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
106-46-7	SVOCs	1,4-Dichlorobenzene	ug/kg	130	241	1/9	11.1%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
108-60-1	SVOCs	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
15950-66-0	SVOCs	2,3,4-Trichlorophenol	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
933-78-8	SVOCs	2,3,5-Trichlorophenol	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
933-7-5	SVOCs	2,3,6-Trichlorophenol	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
95-95-4	SVOCs	2,4,5-Trichlorophenol	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
88-06-2	SVOCs	2,4,6-Trichlorophenol	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
120-83-2	SVOCs	2,4-Dichlorophenol	ug/kg	190	227	3/9	33.3%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
105-67-9	SVOCs	2,4-Dimethylphenol	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
51-28-5	SVOCs	2,4-Dinitrophenol	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
121-14-2	SVOCs	2,4-Dinitrotoluene	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
606-20-2	SVOCs	2,6-Dinitrotoluene	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
91-58-7	SVOCs	2-Chloronaphthalene	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
95-57-8	SVOCs	2-Chlorophenol	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
91-57-6	SVOCs	2-Methylnaphthalene	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
95-48-7	SVOCs	2-Methylphenol (o-Cresol)	ug/kg	220	222	4/9	44.4%	340	317	3/3	100%	110	207	1/3	33.3%
88-74-4	SVOCs	2-Nitroaniline	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
88-75-5	SVOCs	2-Nitrophenol	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
91-94-1	SVOCs	3,3'-Dichlorobenzidine	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
609-19-8	SVOCs	3,4,5-Trichlorophenol	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
106-44-5	SVOCs	3-Methylphenol/4-Methylphenol (m&p-Cresol)	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
99-09-2	SVOCs	3-Nitroaniline	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
534-52-1	SVOCs	4,6-Dinitro-2-methylphenol	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
101-55-3	SVOCs	4-Bromophenylphenyl ether	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
59-50-7	SVOCs	4-Chloro-3-methylphenol	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%

Table C-12. Summary of concentrations and frequency of detection of target analytes in whole fish tissue composites from plume discharge areas (Site) and reference areas.

CAS	Chemical Class	Analyte	Units	Site (Plume Discharge Area)				Downstream Reference (DDA)				Upstream Reference (UDA)			
				Max Conc	Avg Conc	Freq. Detect	%FOD	Max Conc	Avg Conc	Freq. Detect	%FOD	Max Conc	Avg Conc	Freq. Detect	%FOD
106-47-8	SVOCs	4-Chloroaniline	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
7005-72-3	SVOCs	4-Chlorophenylphenyl ether	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
100-01-6	SVOCs	4-Nitroaniline	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
100-02-7	SVOCs	4-Nitrophenol	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
83-32-9	SVOCs	Acenaphthene	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
208-96-8	SVOCs	Acenaphthylene	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
120-12-7	SVOCs	Anthracene	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
56-55-3	SVOCs	Benzo(a)anthracene	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
50-32-8	SVOCs	Benzo(a)pyrene	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
205-99-2	SVOCs	Benzo(b)fluoranthene	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
191-24-2	SVOCs	Benzo(g,h,i)perylene	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
207-08-9	SVOCs	Benzo(k)fluoranthene	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
111-91-1	SVOCs	bis(2-Chloroethoxy)methane	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
111-44-4	SVOCs	bis(2-Chloroethyl)ether	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
117-81-7	SVOCs	bis(2-Ethylhexyl)phthalate	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
85-68-7	SVOCs	Butylbenzylphthalate	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
86-74-8	SVOCs	Carbazole	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
218-01-9	SVOCs	Chrysene	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
53-70-3	SVOCs	Dibenzo(a,h)anthracene	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
132-64-9	SVOCs	Dibenzofuran	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
84-66-2	SVOCs	Diethylphthalate	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	110	207	1/3	33.3%
131-11-3	SVOCs	Dimethylphthalate	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
84-74-2	SVOCs	Di-n-butylphthalate	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
117-84-0	SVOCs	Di-n-octylphthalate	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
206-44-0	SVOCs	Fluoranthene	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
86-73-7	SVOCs	Fluorene	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
118-74-1	SVOCs	Hexachlorobenzene	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
87-68-3	SVOCs	Hexachlorobutadiene	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
77-47-4	SVOCs	Hexachlorocyclopentadiene	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
67-72-1	SVOCs	Hexachloroethane	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
193-39-5	SVOCs	Indeno(1,2,3-cd)pyrene	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%

Table 3-12. Summary of concentrations and frequency of detection of target analytes in whole fish tissue composites from plume discharge areas (Site) and reference areas.

CAS	Chemical Class	Analyte	Units	Site (Plume Discharge Area)				Downstream Reference (DDA)				Upstream Reference (UDA)			
				Max Conc	Avg Conc	Freq. Detect	%FOD	Max Conc	Avg Conc	Freq. Detect	%FOD	Max Conc	Avg Conc	Freq. Detect	%FOD
78-59-1	SVOCs	Isophorone	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
91-20-3	SVOCs	Naphthalene	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
98-95-3	SVOCs	Nitrobenzene	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
621-64-7	SVOCs	N-Nitroso-di-n-propylamine	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
86-30-6	SVOCs	N-Nitrosodiphenylamine	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
87-86-5 (SVOC)	SVOCs	Pentachlorophenol (SVOC)	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
85-01-8	SVOCs	Phenanthrene	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
108-95-2	SVOCs	Phenol	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
129-00-0	SVOCs	Pyrene	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
72-54-8	Pesticides	4,4'-DDD	ug/kg	6.70	11	2/9	22.2%	12	17	1/3	33.3%	ND	ND	0/3	0.0%
72-55-9	Pesticides	4,4'-DDE	ug/kg	60	18	8/9	88.9%	19	13	3/3	100%	25	21	2/3	66.7%
50-29-3	Pesticides	4,4'-DDT	ug/kg	13	13	1/9	11.1%	ND	ND	0/3	0.0%	7.60	15	1/3	33.3%
309-00-2	Pesticides	Aldrin	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
319-84-6	Pesticides	alpha-BHC	ug/kg	2.60	11	1/9	11.1%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
5103-71-9	Pesticides	alpha-Chlordane	ug/kg	14	12	2/9	22.2%	7.70	11	1/3	33.3%	ND	ND	0/3	0.0%
319-85-7	Pesticides	beta-BHC	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
319-86-8	Pesticides	delta-BHC	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
60-57-1	Pesticides	Dieldrin	ug/kg	64	15	7/9	77.8%	19	14	3/3	100%	32	21	2/3	66.7%
959-98-8	Pesticides	Endosulfan I	ug/kg	4.30	12	1/9	11.1%	ND	ND	0/3	0.0%	3.00	14	1/3	33.3%
33213-65-9	Pesticides	Endosulfan II	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
1031-07-8	Pesticides	Endosulfan sulfate	ug/kg	ND	ND	0/9	0.0%	12	17	1/3	33.3%	ND	ND	0/3	0.0%
72-20-8	Pesticides	Endrin	ug/kg	15	12	2/9	22.2%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
7421-93-4	Pesticides	Endrin aldehyde	ug/kg	10	12	2/9	22.2%	4.90	14	1/3	33.3%	7.40	13	2/3	66.7%
53494-70-5	Pesticides	Endrin ketone	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
58-89-9	Pesticides	gamma-BHC (Lindane)	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
5103-74-2	Pesticides	gamma-Chlordane	ug/kg	8.10	11	2/9	22.2%	3.5	13.67	1/3	33.3%	5.80	14	1/3	33.3%
76-44-8	Pesticides	Heptachlor	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
1024-57-3	Pesticides	Heptachlor epoxide	ug/kg	5.30	11	2/9	22.2%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
72-43-5	Pesticides	Methoxychlor	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
8001-35-2	Pesticides	Toxaphene	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
93-76-5	Herbicides	2,4,5-T	ug/kg	13	5.74	3/9	33.3%	ND	ND	0/3	0.0%	7.10	5.13	1/3	33.3%

Table 3-12. Summary of concentrations and frequency of detection of target analytes in whole fish tissue composites from plume discharge areas (Site) and reference areas.

CAS	Chemical Class	Analyte	Units	Site (Plume Discharge Area)				Downstream Reference (DDA)				Upstream Reference (UDA)			
				Max Conc	Avg Conc	Freq. Detect	%FOD	Max Conc	Avg Conc	Freq. Detect	%FOD	Max Conc	Avg Conc	Freq. Detect	%FOD
93-72-1	Herbicides	2,4,5-TP (Silvex)	ug/kg	8.70	4.87	5/9	55.6%	6.90	4.98	2/3	66.7%	7.50	5.27	1/3	33.3%
94-75-7	Herbicides	2,4-D	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
94-82-6	Herbicides	2,4-DB	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
75-99-0	Herbicides	Dalapon	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
1918-00-9	Herbicides	Dicamba	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	6.50	7.23	2/3	66.7%
120-36-5	Herbicides	Dichloroprop	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
88-85-7	Herbicides	Dinoseb	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
94-74-6	Herbicides	MCPA	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
7085-19-0	Herbicides	MCPP	ug/kg	8600	2300	3/9	33.3%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
87-86-5	Herbicides	Pentachlorophenol	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
2051-24-3	PCBs	Decachlorobiphenyl	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
C-DICHLOROBI	PCBs	Dichlorobiphenyl	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
C-HEPTACHLOR	PCBs	Heptachlorobiphenyl	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
C-HEXACHLORO	PCBs	Hexachlorobiphenyl	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
C-MONOCHLORO	PCBs	Monochlorobiphenyl	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
C-NONACHLORO	PCBs	Nonachlorobiphenyl	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
C-OCTA-BIPHE	PCBs	Octachlorobiphenyl	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
C-PENTBIPHEN	PCBs	Pentachlorobiphenyl	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
C-TETRACHLOR	PCBs	Tetrachlorobiphenyl	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
C-TOTAL-PCB	PCBs	Total Polychlorinated Biphenyls	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
C-TRICHLOROB	PCBs	Trichlorobiphenyl	ug/kg	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
3268-87-9	Dioxin	1,2,3,4,6,7,8,9-OCDD	pg/g	189	30	9/9	100%	119	45	3/3	100%	80	31	3/3	100%
39001-02-0	Dioxin	1,2,3,4,6,7,8,9-OCDF	pg/g	4.30	0.68	1/9	11.1%	2.70	0.97	1/3	33.3%	ND	ND	0/3	0.0%
35822-46-9	Dioxin	1,2,3,4,6,7,8-HpCDD	pg/g	7.10	2.91	9/9	100%	4.30	3.07	3/3	100%	8.80	4.12	3/3	100%
67562-39-4	Dioxin	1,2,3,4,6,7,8-HpCDF	pg/g	1.00	0.14	1/9	11.1%	ND	ND	0/3	0.0%	0.59	0.22	1/3	33.3%
55673-89-7	Dioxin	1,2,3,4,7,8,9-HpCDF	pg/g	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
39227-28-6	Dioxin	1,2,3,4,7,8-HxCDD	pg/g	0.30	0.14	4/9	44.4%	0.58	0.22	1/3	33.3%	0.33	0.22	2/3	66.7%
70648-26-9	Dioxin	1,2,3,4,7,8-HxCDF	pg/g	0.84	0.35	5/9	55.6%	0.71	0.32	1/3	33.3%	0.85	0.59	3/3	100%
57653-85-7	Dioxin	1,2,3,6,7,8-HxCDD	pg/g	1.20	0.85	9/9	100%	2.00	0.90	3/3	100%	1.8	1.15	3/3	100%
57117-44-9	Dioxin	1,2,3,6,7,8-HxCDF	pg/g	0.22	0.11	4/9	44.4%	0.34	0.13	1/3	33.3%	0.26	0.16	2/3	66.7%
19408-74-3	Dioxin	1,2,3,7,8,9-HxCDD	pg/g	0.58	0.40	9/9	100%	0.78	0.41	3/3	100%	1.1	0.60	3/3	100%

Table 3-12. Summary of concentrations and frequency of detection of target analytes in whole fish tissue composites from plume discharge areas (Site) and reference areas.

CAS	Chemical Class	Analyte	Units	Site (Plume Discharge Area)				Downstream Reference (DDA)				Upstream Reference (UDA)			
				Max Conc	Avg Conc	Freq. Detect	%FOD	Max Conc	Avg Conc	Freq. Detect	%FOD	Max Conc	Avg Conc	Freq. Detect	%FOD
72918-21-9	Dioxin	1,2,3,7,8,9-HxCDF	pg/g	ND	ND	0/9	0.0%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
40321-76-4	Dioxin	1,2,3,7,8-PeCDD	pg/g	0.64	0.33	7/9	77.8%	1.20	0.49	2/3	66.7%	1	0.55	2/3	66.7%
57117-41-6	Dioxin	1,2,3,7,8-PeCDF	pg/g	0.43	0.07	1/9	11.1%	ND	ND	0/3	0.0%	ND	ND	0/3	0.0%
60851-34-5	Dioxin	2,3,4,6,7,8-HxCDF	pg/g	0.48	0.19	6/9	66.7%	0.86	0.41	3/3	100%	0.30	0.22	2/3	66.7%
57117-31-4	Dioxin	2,3,4,7,8-PeCDF	pg/g	0.64	0.32	7/9	77.8%	1.00	0.41	2/3	66.7%	0.59	0.29	2/3	66.7%
1746-01-6	Dioxin	2,3,7,8-TCDD	pg/g	2.40	0.58	6/9	66.7%	0.96	0.44	2/3	66.7%	1.10	0.60	3/3	100%
51207-31-9	Dioxin	2,3,7,8-TCDF	pg/g	5.70	1.40	9/9	100%	1.00	0.62	3/3	100%	2.60	1.32	3/3	100%
37871-00-4	Dioxin	Total HpCDD	pg/g	14	4.01	9/9	100%	8.50	4.62	3/3	100%	12	5.50	3/3	100%
38998-75-3	Dioxin	Total HpCDF	pg/g	14	3.66	8/9	88.9%	8.50	5.63	3/3	100%	4.50	3.20	3/3	100%
34465-46-8	Dioxin	Total HxCDD	pg/g	3.30	2.07	7/9	77.8%	3.90	1.68	1/3	33.3%	4.90	2.72	2/3	66.7%
55684-94-1	Dioxin	Total HxCDF	pg/g	82	21	9/9	100%	42.10	31	3/3	100%	21.2	20	3/3	100%
36088-22-9	Dioxin	Total PeCDD	pg/g	7.50	2.99	9/9	100%	3.20	2.30	3/3	100%	3.00	2.37	3/3	100%
30402-15-4	Dioxin	Total PeCDF	pg/g	124	43	9/9	100%	94	60	3/3	100%	125	74	3/3	100%
41903-57-5	Dioxin	Total TCDD	pg/g	7.20	2.46	7/9	77.8%	1.40	0.69	2/3	66.7%	1.50	0.96	3/3	100%
55722-27-5	Dioxin	Total TCDF	pg/g	187	77	9/9	100%	216	125	3/3	100%	121	91	3/3	100%

Table 3-13. Calculation of TCDD-TEQ concentration from individual Dioxin/Furan congener concentrations in fish tissue.

Location	Sample ID	Congener Name	Units	Conc		TEF - Fish	Conc x TEF	TEQ
DDA	DDA Channel Catfish-Comp#1	1,2,3,4,6,7,8,9-OCDD	pg/g	11.3		0.0001	0.00113	
DDA	DDA Channel Catfish-Comp#1	1,2,3,4,6,7,8,9-OCDF	pg/g	0.34	UJ	0.0001	0.000017	
DDA	DDA Channel Catfish-Comp#1	1,2,3,4,6,7,8-HpCDD	pg/g	4.3		0.001	0.0043	
DDA	DDA Channel Catfish-Comp#1	1,2,3,4,7,8-HxCDD	pg/g	0.58	J	0.5	0.29	
DDA	DDA Channel Catfish-Comp#1	1,2,3,4,7,8-HxCDF	pg/g	0.71	J	0.1	0.071	
DDA	DDA Channel Catfish-Comp#1	1,2,3,6,7,8-HxCDD	pg/g	2	J	0.01	0.02	
DDA	DDA Channel Catfish-Comp#1	1,2,3,6,7,8-HxCDF	pg/g	0.34	J	0.1	0.034	
DDA	DDA Channel Catfish-Comp#1	1,2,3,7,8,9-HxCDD	pg/g	0.78	J	0.01	0.0078	
DDA	DDA Channel Catfish-Comp#1	1,2,3,7,8-PeCDD	pg/g	1.2	J	1	1.2	
DDA	DDA Channel Catfish-Comp#1	2,3,4,6,7,8-HxCDF	pg/g	0.86	J	0.1	0.086	
DDA	DDA Channel Catfish-Comp#1	2,3,4,7,8-PeCDF	pg/g	1	J	0.5	0.5	
DDA	DDA Channel Catfish-Comp#1	2,3,7,8-TCDD	pg/g	0.96		1	0.96	
DDA	DDA Channel Catfish-Comp#1	2,3,7,8-TCDF	pg/g	0.53		0.05	0.0265	3.200747
DDA	DDA Comp Shad	1,2,3,4,6,7,8,9-OCDD	pg/g	119		0.0001	0.0119	
DDA	DDA Comp Shad	1,2,3,4,6,7,8,9-OCDF	pg/g	2.7	J	0.0001	0.00027	
DDA	DDA Comp Shad	1,2,3,4,6,7,8-HpCDD	pg/g	4.3		0.001	0.0043	
DDA	DDA Comp Shad	1,2,3,4,7,8-HxCDD	pg/g	0.1	UJ	0.5	0.025	
DDA	DDA Comp Shad	1,2,3,4,7,8-HxCDF	pg/g	0.37	U	0.1	0.0185	
DDA	DDA Comp Shad	1,2,3,6,7,8-HxCDD	pg/g	0.37	J	0.01	0.0037	
DDA	DDA Comp Shad	1,2,3,6,7,8-HxCDF	pg/g	0.08	UJ	0.1	0.004	
DDA	DDA Comp Shad	1,2,3,7,8,9-HxCDD	pg/g	0.26	J	0.01	0.0026	
DDA	DDA Comp Shad	1,2,3,7,8-PeCDD	pg/g	0.24	J	1	0.24	
DDA	DDA Comp Shad	2,3,4,6,7,8-HxCDF	pg/g	0.18	J	0.1	0.018	
DDA	DDA Comp Shad	2,3,4,7,8-PeCDF	pg/g	0.21	J	0.5	0.105	
DDA	DDA Comp Shad	2,3,7,8-TCDD	pg/g	0.34	J	1	0.34	
DDA	DDA Comp Shad	2,3,7,8-TCDF	pg/g	1		0.05	0.05	0.82327
DDA	DDA Drum-Comp#1	1,2,3,4,6,7,8,9-OCDD	pg/g	4.5	J	0.0001	0.00045	
DDA	DDA Drum-Comp#1	1,2,3,4,6,7,8,9-OCDF	pg/g	0.1	U	0.0001	0.000005	
DDA	DDA Drum-Comp#1	1,2,3,4,6,7,8-HpCDD	pg/g	0.62	J	0.001	0.00062	
DDA	DDA Drum-Comp#1	1,2,3,4,7,8-HxCDD	pg/g	0.06	UJ	0.5	0.015	
DDA	DDA Drum-Comp#1	1,2,3,4,7,8-HxCDF	pg/g	0.14	U	0.1	0.007	
DDA	DDA Drum-Comp#1	1,2,3,6,7,8-HxCDD	pg/g	0.34	J	0.01	0.0034	
DDA	DDA Drum-Comp#1	1,2,3,6,7,8-HxCDF	pg/g	0.04	UJ	0.1	0.002	
DDA	DDA Drum-Comp#1	1,2,3,7,8,9-HxCDD	pg/g	0.2	J	0.01	0.002	
DDA	DDA Drum-Comp#1	1,2,3,7,8-PeCDD	pg/g	0.05	UJ	1	0.025	
DDA	DDA Drum-Comp#1	2,3,4,6,7,8-HxCDF	pg/g	0.2	J	0.1	0.02	
DDA	DDA Drum-Comp#1	2,3,4,7,8-PeCDF	pg/g	0.04	UJ	0.5	0.01	
DDA	DDA Drum-Comp#1	2,3,7,8-TCDD	pg/g	0.05	UJ	1	0.025	
DDA	DDA Drum-Comp#1	2,3,7,8-TCDF	pg/g	0.33	J	0.05	0.0165	0.126975
PDA	PDA Channel Catfish-Comp#1	1,2,3,4,6,7,8,9-OCDD	pg/g	7.7	J	0.0001	0.00077	
PDA	PDA Channel Catfish-Comp#1	1,2,3,4,6,7,8,9-OCDF	pg/g	0.21	UJ	0.0001	0.0000105	
PDA	PDA Channel Catfish-Comp#1	1,2,3,4,6,7,8-HpCDD	pg/g	3	J	0.001	0.003	
PDA	PDA Channel Catfish-Comp#1	1,2,3,4,6,7,8-HpCDF	pg/g	0.04	UJ	0.01	0.0002	
PDA	PDA Channel Catfish-Comp#1	1,2,3,4,7,8-HxCDD	pg/g	0.29	J	0.5	0.145	
PDA	PDA Channel Catfish-Comp#1	1,2,3,4,7,8-HxCDF	pg/g	0.29	UJ	0.1	0.0145	
PDA	PDA Channel Catfish-Comp#1	1,2,3,6,7,8-HxCDD	pg/g	1.1	J	0.01	0.011	
PDA	PDA Channel Catfish-Comp#1	1,2,3,6,7,8-HxCDF	pg/g	0.11	UJ	0.1	0.0055	
PDA	PDA Channel Catfish-Comp#1	1,2,3,7,8,9-HxCDD	pg/g	0.37	J	0.01	0.0037	
PDA	PDA Channel Catfish-Comp#1	1,2,3,7,8-PeCDD	pg/g	0.47	J	1	0.47	
PDA	PDA Channel Catfish-Comp#1	1,2,3,7,8-PeCDF	pg/g	0.03	UJ	0.05	0.00075	
PDA	PDA Channel Catfish-Comp#1	2,3,4,6,7,8-HxCDF	pg/g	0.13	UJ	0.1	0.0065	
PDA	PDA Channel Catfish-Comp#1	2,3,4,7,8-PeCDF	pg/g	0.52	J	0.5	0.26	
PDA	PDA Channel Catfish-Comp#1	2,3,7,8-TCDD	pg/g	0.6		1	0.6	
PDA	PDA Channel Catfish-Comp#1	2,3,7,8-TCDF	pg/g	0.35	J	0.05	0.0175	1.5384305

Table 3-13. Calculation of TCDD-TEQ concentration from individual Dioxin/Furan congener concentrations in fish tissue.

Location	Sample ID	Congener Name	Units	Conc		TEF - Fish	Conc x TEF	TEQ
PDA	PDA Channel Catfish-Comp#2	1,2,3,4,6,7,8,9-OCDD	pg/g	9		0.0001	0.0009	
PDA	PDA Channel Catfish-Comp#2	1,2,3,4,6,7,8,9-OCDF	pg/g	0.23	U	0.0001	0.0000115	
PDA	PDA Channel Catfish-Comp#2	1,2,3,4,6,7,8-HpCDD	pg/g	4.1		0.001	0.0041	
PDA	PDA Channel Catfish-Comp#2	1,2,3,4,6,7,8-HpCDF	pg/g	0.08	UJ	0.01	0.0004	
PDA	PDA Channel Catfish-Comp#2	1,2,3,4,7,8-HxCDD	pg/g	0.3	J	0.5	0.15	
PDA	PDA Channel Catfish-Comp#2	1,2,3,4,7,8-HxCDF	pg/g	0.43	J	0.1	0.043	
PDA	PDA Channel Catfish-Comp#2	1,2,3,6,7,8-HxCDD	pg/g	1.2	J	0.01	0.012	
PDA	PDA Channel Catfish-Comp#2	1,2,3,6,7,8-HxCDF	pg/g	0.17	J	0.1	0.017	
PDA	PDA Channel Catfish-Comp#2	1,2,3,7,8,9-HxCDD	pg/g	0.58	J	0.01	0.0058	
PDA	PDA Channel Catfish-Comp#2	1,2,3,7,8-PeCDD	pg/g	0.64	J	1	0.64	
PDA	PDA Channel Catfish-Comp#2	1,2,3,7,8-PeCDF	pg/g	0.07	UJ	0.05	0.00175	
PDA	PDA Channel Catfish-Comp#2	2,3,4,6,7,8-HxCDF	pg/g	0.22	J	0.1	0.022	
PDA	PDA Channel Catfish-Comp#2	2,3,4,7,8-PeCDF	pg/g	0.64	J	0.5	0.32	
PDA	PDA Channel Catfish-Comp#2	2,3,7,8-TCDD	pg/g	0.83		1	0.83	
PDA	PDA Channel Catfish-Comp#2	2,3,7,8-TCDF	pg/g	1.2		0.05	0.06	2.1069615
PDA	PDA Channel Catfish-Comp#3	1,2,3,4,6,7,8,9-OCDD	pg/g	10.6		0.0001	0.00106	
PDA	PDA Channel Catfish-Comp#3	1,2,3,4,6,7,8,9-OCDF	pg/g	0.23	U	0.0001	0.0000115	
PDA	PDA Channel Catfish-Comp#3	1,2,3,4,6,7,8-HpCDD	pg/g	4		0.001	0.004	
PDA	PDA Channel Catfish-Comp#3	1,2,3,4,6,7,8-HpCDF	pg/g	0.03	UJ	0.01	0.00015	
PDA	PDA Channel Catfish-Comp#3	1,2,3,4,7,8-HxCDD	pg/g	0.3	J	0.5	0.15	
PDA	PDA Channel Catfish-Comp#3	1,2,3,4,7,8-HxCDF	pg/g	0.28	U	0.1	0.014	
PDA	PDA Channel Catfish-Comp#3	1,2,3,6,7,8-HxCDD	pg/g	1.1	J	0.01	0.011	
PDA	PDA Channel Catfish-Comp#3	1,2,3,6,7,8-HxCDF	pg/g	0.1	UJ	0.1	0.005	
PDA	PDA Channel Catfish-Comp#3	1,2,3,7,8,9-HxCDD	pg/g	0.56	J	0.01	0.0056	
PDA	PDA Channel Catfish-Comp#3	1,2,3,7,8-PeCDD	pg/g	0.42	J	1	0.42	
PDA	PDA Channel Catfish-Comp#3	1,2,3,7,8-PeCDF	pg/g	0.03	UJ	0.05	0.00075	
PDA	PDA Channel Catfish-Comp#3	2,3,4,6,7,8-HxCDF	pg/g	0.16	J	0.1	0.016	
PDA	PDA Channel Catfish-Comp#3	2,3,4,7,8-PeCDF	pg/g	0.35	J	0.5	0.175	
PDA	PDA Channel Catfish-Comp#3	2,3,7,8-TCDD	pg/g	0.37	J	1	0.37	
PDA	PDA Channel Catfish-Comp#3	2,3,7,8-TCDF	pg/g	0.54		0.05	0.027	1.1995715
PDA	PDA Comp#1 Shed	1,2,3,4,6,7,8,9-OCDD	pg/g	6.8		0.0001	0.00068	
PDA	PDA Comp#1 Shed	1,2,3,4,6,7,8,9-OCDF	pg/g	0.72	U	0.0001	0.000036	
PDA	PDA Comp#1 Shed	1,2,3,4,6,7,8-HpCDD	pg/g	1.3	J	0.001	0.0013	
PDA	PDA Comp#1 Shed	1,2,3,4,6,7,8-HpCDF	pg/g	0.05	UJ	0.01	0.00025	
PDA	PDA Comp#1 Shed	1,2,3,4,7,8-HxCDD	pg/g	0.1	U	0.5	0.025	
PDA	PDA Comp#1 Shed	1,2,3,4,7,8-HxCDF	pg/g	0.25	U	0.1	0.0125	
PDA	PDA Comp#1 Shed	1,2,3,6,7,8-HxCDD	pg/g	0.45	J	0.01	0.0045	
PDA	PDA Comp#1 Shed	1,2,3,6,7,8-HxCDF	pg/g	0.07	U	0.1	0.0035	
PDA	PDA Comp#1 Shed	1,2,3,7,8,9-HxCDD	pg/g	0.24	J	0.01	0.0024	
PDA	PDA Comp#1 Shed	1,2,3,7,8-PeCDD	pg/g	0.32	J	1	0.32	
PDA	PDA Comp#1 Shed	1,2,3,7,8-PeCDF	pg/g	0.13	UJ	0.05	0.00325	
PDA	PDA Comp#1 Shed	2,3,4,6,7,8-HxCDF	pg/g	0.12	U	0.1	0.006	
PDA	PDA Comp#1 Shed	2,3,4,7,8-PeCDF	pg/g	0.19	J	0.5	0.095	
PDA	PDA Comp#1 Shed	2,3,7,8-TCDD	pg/g	0.28	J	1	0.28	
PDA	PDA Comp#1 Shed	2,3,7,8-TCDF	pg/g	0.92		0.05	0.046	0.800416
PDA	PDA Comp#2 Shed	1,2,3,4,6,7,8,9-OCDD	pg/g	15.1		0.0001	0.00151	
PDA	PDA Comp#2 Shed	1,2,3,4,6,7,8,9-OCDF	pg/g	0.25	U	0.0001	0.0000125	
PDA	PDA Comp#2 Shed	1,2,3,4,6,7,8-HpCDD	pg/g	2	J	0.001	0.002	
PDA	PDA Comp#2 Shed	1,2,3,4,6,7,8-HpCDF	pg/g	0.07	UJ	0.01	0.00035	
PDA	PDA Comp#2 Shed	1,2,3,4,7,8-HxCDD	pg/g	0.08	UJ	0.5	0.02	
PDA	PDA Comp#2 Shed	1,2,3,4,7,8-HxCDF	pg/g	0.84	J	0.1	0.084	
PDA	PDA Comp#2 Shed	1,2,3,6,7,8-HxCDD	pg/g	0.82	J	0.01	0.0082	
PDA	PDA Comp#2 Shed	1,2,3,6,7,8-HxCDF	pg/g	0.05	UJ	0.1	0.0025	
PDA	PDA Comp#2 Shed	1,2,3,7,8,9-HxCDD	pg/g	0.39	J	0.01	0.0039	

Table 3-13. Calculation of TCDD-TEQ concentration from individual Dioxin/Furan congener concentrations in fish tissue.

Location	Sample ID	Congener Name	Units	Conc		TEF - Fish	Conc x TEF	TEQ
PDA	PDA Comp#2 Shad	1,2,3,7,8-PeCDD	pg/g	0.46	J	1	0.46	
PDA	PDA Comp#2 Shad	1,2,3,7,8-PeCDF	pg/g	0.06	UJ	0.05	0.0015	
PDA	PDA Comp#2 Shad	2,3,4,6,7,8-HxCDF	pg/g	0.48	J	0.1	0.048	
PDA	PDA Comp#2 Shad	2,3,4,7,8-PeCDF	pg/g	0.41	J	0.5	0.205	
PDA	PDA Comp#2 Shad	2,3,7,8-TCDD	pg/g	2.4		1	2.4	
PDA	PDA Comp#2 Shad	2,3,7,8-TCDF	pg/g	1.9		0.05	0.095	3.3319725
PDA	PDA Comp#3 Shad	1,2,3,4,6,7,8,9-OCDD	pg/g	189	J	0.0001	0.0189	.
PDA	PDA Comp#3 Shad	1,2,3,4,6,7,8,9-OCDF	pg/g	4.3	J	0.0001	0.00043	
PDA	PDA Comp#3 Shad	1,2,3,4,6,7,8-HpCDD	pg/g	7.1		0.001	0.0071	
PDA	PDA Comp#3 Shad	1,2,3,4,6,7,8-HpCDF	pg/g	1	J	0.01	0.01	
PDA	PDA Comp#3 Shad	1,2,3,4,7,8-HxCDD	pg/g	0.18	J	0.5	0.09	
PDA	PDA Comp#3 Shad	1,2,3,4,7,8-HxCDF	pg/g	0.46	J	0.1	0.046	
PDA	PDA Comp#3 Shad	1,2,3,6,7,8-HxCDD	pg/g	1.1	J	0.01	0.011	
PDA	PDA Comp#3 Shad	1,2,3,6,7,8-HxCDF	pg/g	0.19	J	0.1	0.019	
PDA	PDA Comp#3 Shad	1,2,3,7,8,9-HxCDD	pg/g	0.54	J	0.01	0.0054	
PDA	PDA Comp#3 Shad	1,2,3,7,8-PeCDD	pg/g	0.51	J	1	0.51	
PDA	PDA Comp#3 Shad	1,2,3,7,8-PeCDF	pg/g	0.43	J	0.05	0.0215	
PDA	PDA Comp#3 Shad	2,3,4,6,7,8-HxCDF	pg/g	0.3	J	0.1	0.03	
PDA	PDA Comp#3 Shad	2,3,4,7,8-PeCDF	pg/g	0.55	J	0.5	0.275	
PDA	PDA Comp#3 Shad	2,3,7,8-TCDD	pg/g	0.57		1	0.57	
PDA	PDA Comp#3 Shad	2,3,7,8-TCDF	pg/g	5.7		0.05	0.285	1.89933
PDA	PDA Drum Comp#1	1,2,3,4,6,7,8,9-OCDD	pg/g	16.5		0.0001	0.00165	
PDA	PDA Drum Comp#1	1,2,3,4,6,7,8,9-OCDF	pg/g	1.5	U	0.0001	0.000075	
PDA	PDA Drum Comp#1	1,2,3,4,6,7,8-HpCDD	pg/g	2.5	J	0.001	0.0025	
PDA	PDA Drum Comp#1	1,2,3,4,6,7,8-HpCDF	pg/g	0.08	UJ	0.01	0.0004	
PDA	PDA Drum Comp#1	1,2,3,4,7,8-HxCDD	pg/g	0.1	UJ	0.5	0.025	
PDA	PDA Drum Comp#1	1,2,3,4,7,8-HxCDF	pg/g	0.45	J	0.1	0.045	
PDA	PDA Drum Comp#1	1,2,3,6,7,8-HxCDD	pg/g	0.84	J	0.01	0.0084	
PDA	PDA Drum Comp#1	1,2,3,6,7,8-HxCDF	pg/g	0.22	J	0.1	0.022	
PDA	PDA Drum Comp#1	1,2,3,7,8,9-HxCDD	pg/g	0.38	J	0.01	0.0038	
PDA	PDA Drum Comp#1	1,2,3,7,8-PeCDD	pg/g	0.09	UJ	1	0.045	
PDA	PDA Drum Comp#1	1,2,3,7,8-PeCDF	pg/g	0.07	UJ	0.05	0.00175	
PDA	PDA Drum Comp#1	2,3,4,6,7,8-HxCDF	pg/g	0.24	J	0.1	0.024	
PDA	PDA Drum Comp#1	2,3,4,7,8-PeCDF	pg/g	0.07	UJ	0.5	0.0175	
PDA	PDA Drum Comp#1	2,3,7,8-TCDD	pg/g	0.14	UJ	1	0.07	
PDA	PDA Drum Comp#1	2,3,7,8-TCDF	pg/g	0.44	J	0.05	0.022	0.289075
PDA	PDA Drum Comp#2	1,2,3,4,6,7,8,9-OCDD	pg/g	5.3		0.0001	0.00053	
PDA	PDA Drum Comp#2	1,2,3,4,6,7,8,9-OCDF	pg/g	0.1	UJ	0.0001	0.000005	
PDA	PDA Drum Comp#2	1,2,3,4,6,7,8-HpCDD	pg/g	0.99	J	0.001	0.00099	
PDA	PDA Drum Comp#2	1,2,3,4,6,7,8-HpCDF	pg/g	0.06	UJ	0.01	0.0003	
PDA	PDA Drum Comp#2	1,2,3,4,7,8-HxCDD	pg/g	0.06	UJ	0.5	0.015	
PDA	PDA Drum Comp#2	1,2,3,4,7,8-HxCDF	pg/g	0.2	U	0.1	0.01	
PDA	PDA Drum Comp#2	1,2,3,6,7,8-HxCDD	pg/g	0.43	J	0.01	0.0043	
PDA	PDA Drum Comp#2	1,2,3,6,7,8-HxCDF	pg/g	0.11	U	0.1	0.0055	
PDA	PDA Drum Comp#2	1,2,3,7,8,9-HxCDD	pg/g	0.24	J	0.01	0.0024	
PDA	PDA Drum Comp#2	1,2,3,7,8-PeCDD	pg/g	0.06	UJ	1	0.03	
PDA	PDA Drum Comp#2	1,2,3,7,8-PeCDF	pg/g	0.04	UJ	0.05	0.001	
PDA	PDA Drum Comp#2	2,3,4,6,7,8-HxCDF	pg/g	0.11	U	0.1	0.0055	
PDA	PDA Drum Comp#2	2,3,4,7,8-PeCDF	pg/g	0.04	UJ	0.5	0.01	
PDA	PDA Drum Comp#2	2,3,7,8-TCDD	pg/g	0.05	UJ	1	0.025	
PDA	PDA Drum Comp#2	2,3,7,8-TCDF	pg/g	0.29	J	0.05	0.0145	0.125025
PDA	PDA Drum-Comp#4	1,2,3,4,6,7,8,9-OCDD	pg/g	6.8		0.0001	0.00068	
PDA	PDA Drum-Comp#4	1,2,3,4,6,7,8,9-OCDF	pg/g	0.43	U	0.0001	0.0000215	
PDA	PDA Drum-Comp#4	1,2,3,4,6,7,8-HpCDD	pg/g	1.2	J	0.001	0.0012	

Table 3-13. Calculation of TCDD-TEQ concentration from individual Dioxin/Furan congener concentrations in fish tissue.

Location	Sample ID	Congener Name	Units	Conc		TEF - Fish	Conc x TEF	TEQ
PDA	PDA Drum-Comp#4	1,2,3,4,6,7,8-HpCDF	pg/g	0.05	UJ	0.01	0.00025	
PDA	PDA Drum-Comp#4	1,2,3,4,7,8-HxCDD	pg/g	0.06	UJ	0.5	0.015	
PDA	PDA Drum-Comp#4	1,2,3,4,7,8-HxCDF	pg/g	0.47	J	0.1	0.047	
PDA	PDA Drum-Comp#4	1,2,3,6,7,8-HxCDD	pg/g	0.58	J	0.01	0.0058	
PDA	PDA Drum-Comp#4	1,2,3,6,7,8-HxCDF	pg/g	0.16	J	0.1	0.016	
PDA	PDA Drum-Comp#4	1,2,3,7,8,9-HxCDD	pg/g	0.29	J	0.01	0.0029	
PDA	PDA Drum-Comp#4	1,2,3,7,8-PeCDD	pg/g	0.1	J	1	0.1	
PDA	PDA Drum-Comp#4	1,2,3,7,8-PeCDF	pg/g	0.04	UJ	0.05	0.001	
PDA	PDA Drum-Comp#4	2,3,4,6,7,8-HxCDF	pg/g	0.16	J	0.1	0.016	
PDA	PDA Drum-Comp#4	2,3,4,7,8-PeCDF	pg/g	0.13	J	0.5	0.065	
PDA	PDA Drum-Comp#4	2,3,7,8-TCDD	pg/g	0.14	U	1	0.07	
PDA	PDA Drum-Comp#4	2,3,7,8-TCDF	pg/g	1.3	J	0.05	0.065	0.4058515
UDA	UDA Channel Catfish-Comp#1	1,2,3,4,6,7,8,9-OCDD	pg/g	8.1	J	0.0001	0.00081	
UDA	UDA Channel Catfish-Comp#1	1,2,3,4,6,7,8-HpCDD	pg/g	2.8		0.001	0.0028	
UDA	UDA Channel Catfish-Comp#1	1,2,3,4,6,7,8-HpCDF	pg/g	0.06	UJ	0.01	0.0003	
UDA	UDA Channel Catfish-Comp#1	1,2,3,4,7,8-HxCDD	pg/g	0.33	J	0.5	0.165	
UDA	UDA Channel Catfish-Comp#1	1,2,3,4,7,8-HxCDF	pg/g	0.42	J	0.1	0.042	
UDA	UDA Channel Catfish-Comp#1	1,2,3,6,7,8-HxCDD	pg/g	1.3	J	0.01	0.013	
UDA	UDA Channel Catfish-Comp#1	1,2,3,6,7,8-HxCDF	pg/g	0.19	J	0.1	0.019	
UDA	UDA Channel Catfish-Comp#1	1,2,3,7,8,9-HxCDD	pg/g	0.51	J	0.01	0.0051	
UDA	UDA Channel Catfish-Comp#1	1,2,3,7,8-PeCDD	pg/g	0.61	J	1	0.61	
UDA	UDA Channel Catfish-Comp#1	2,3,4,6,7,8-HxCDF	pg/g	0.27	J	0.1	0.027	
UDA	UDA Channel Catfish-Comp#1	2,3,4,7,8-PeCDF	pg/g	0.59	J	0.5	0.295	
UDA	UDA Channel Catfish-Comp#1	2,3,7,8-TCDD	pg/g	0.53		1	0.53	
UDA	UDA Channel Catfish-Comp#1	2,3,7,8-TCDF	pg/g	0.35	J	0.05	0.0175	1.72751
UDA	UDA Drum Comp	1,2,3,4,6,7,8,9-OCDD	pg/g	4.8	J	0.0001	0.00048	
UDA	UDA Drum Comp	1,2,3,4,6,7,8-HpCDD	pg/g	0.76	J	0.001	0.00076	
UDA	UDA Drum Comp	1,2,3,4,6,7,8-HpCDF	pg/g	0.06	UJ	0.01	0.0003	
UDA	UDA Drum Comp	1,2,3,4,7,8-HxCDD	pg/g	0.07	UJ	0.5	0.0175	
UDA	UDA Drum Comp	1,2,3,4,7,8-HxCDF	pg/g	0.51	J	0.1	0.051	
UDA	UDA Drum Comp	1,2,3,6,7,8-HxCDD	pg/g	0.36	J	0.01	0.0036	
UDA	UDA Drum Comp	1,2,3,6,7,8-HxCDF	pg/g	0.26	J	0.1	0.026	
UDA	UDA Drum Comp	1,2,3,7,8,9-HxCDD	pg/g	0.2	J	0.01	0.002	
UDA	UDA Drum Comp	1,2,3,7,8-PeCDD	pg/g	0.06	UJ	1	0.03	
UDA	UDA Drum Comp	2,3,4,6,7,8-HxCDF	pg/g	0.15	U	0.1	0.0075	
UDA	UDA Drum Comp	2,3,4,7,8-PeCDF	pg/g	0.05	UJ	0.5	0.0125	
UDA	UDA Drum Comp	2,3,7,8-TCDD	pg/g	0.17	J	1	0.17	
UDA	UDA Drum Comp	2,3,7,8-TCDF	pg/g	1	J	0.05	0.05	0.37164
UDA	UDA-UE Comp Shed	1,2,3,4,6,7,8,9-OCDD	pg/g	79.7		0.0001	0.00797	
UDA	UDA-UE Comp Shed	1,2,3,4,6,7,8-HpCDD	pg/g	8.8		0.001	0.0088	
UDA	UDA-UE Comp Shed	1,2,3,4,6,7,8-HpCDF	pg/g	0.59	J	0.01	0.0059	
UDA	UDA-UE Comp Shed	1,2,3,4,7,8-HxCDD	pg/g	0.3	J	0.5	0.15	
UDA	UDA-UE Comp Shed	1,2,3,4,7,8-HxCDF	pg/g	0.85	J	0.1	0.085	
UDA	UDA-UE Comp Shed	1,2,3,6,7,8-HxCDD	pg/g	1.8	J	0.01	0.018	
UDA	UDA-UE Comp Shed	1,2,3,6,7,8-HxCDF	pg/g	0.08	UJ	0.1	0.004	
UDA	UDA-UE Comp Shed	1,2,3,7,8,9-HxCDD	pg/g	1.1	J	0.01	0.011	
UDA	UDA-UE Comp Shed	1,2,3,7,8-PeCDD	pg/g	1	J	1	1	
UDA	UDA-UE Comp Shed	2,3,4,6,7,8-HxCDF	pg/g	0.3	J	0.1	0.03	
UDA	UDA-UE Comp Shed	2,3,4,7,8-PeCDF	pg/g	0.25	J	0.5	0.125	
UDA	UDA-UE Comp Shed	2,3,7,8-TCDD	pg/g	1.1		1	1.1	
UDA	UDA-UE Comp Shed	2,3,7,8-TCDF	pg/g	2.6		0.05	0.13	2.67567

Table 3-14. Summary of concentrations and frequency of detection of COPECs identified in fish tissue.

CAS	Analysis	Analyte	Units	Site (PDA)			Downstream Reference (DDA)			Upstream Reference (UDA)		
				Max. Conc	Avg. Conc	Freq%	Max Conc	Avg Conc	Freq%	Max Conc	Avg Conc	Freq%
95-50-1	SVOCs	1,2-Dichlorobenzene	ug/kg	240	228	44.4%	ND	ND	0.00%	ND	ND	0.0%
106-46-7	SVOCs	1,4-Dichlorobenzene	ug/kg	130	241	11.1%	ND	ND	0.00%	ND	ND	0.0%
120-83-2	SVOCs	2,4-Dichlorophenol	ug/kg	190	227	33.3%	ND	ND	0.00%	ND	ND	0.0%
95-48-7	SVOCs	2-Methylphenol (o-Cresol)	ug/kg	220	222	44.4%	340	317	100.00%	110	207	33.3%
72-54-8	Pesticides	4,4'-DDD	ug/kg	6.70	11	22.2%	12	17	33.33%	ND	ND	0.0%
72-55-9	Pesticides	4,4'-DDE	ug/kg	60	18	88.9%	19	13	100.00%	25	21	66.7%
50-29-3	Pesticides	4,4'-DDT	ug/kg	13	13	11.1%	ND	ND	0.00%	7.60	15	33.3%
319-84-6	Pesticides	alpha-BHC	ug/kg	2.60	11	11.1%	ND	ND	0.00%	ND	ND	0.0%
5103-71-9	Pesticides	alpha-Chlordane	ug/kg	14	12	22.2%	7.7	11	33.33%	ND	ND	0.0%
60-57-1	Pesticides	Dieldrin	ug/kg	64	15	77.8%	19	14	100.00%	32	21	66.7%
959-98-8	Pesticides	Endosulfan I	ug/kg	4.30	12	11.1%	ND	ND	0.00%	3.00	14	33.3%
72-20-8	Pesticides	Endrin	ug/kg	15	12	22.2%	ND	ND	0.00%	ND	ND	0.0%
7421-93-4	Pesticides	Endrin aldehyde	ug/kg	10	12	22.2%	4.9	14	33.33%	7.40	13	66.7%
5103-74-2	Pesticides	gamma-Chlordane	ug/kg	8.10	11	22.2%	3.5	14	33.33%	5.80	14	33.3%
1024-57-3	Pesticides	Heptachlor epoxide	ug/kg	5.30	11	22.2%	ND	ND	0.00%	ND	ND	0.0%
93-76-5	Herbicides	2,4,5-T	ug/kg	13	5.74	33.3%	ND	ND	0.00%	7.10	5.13	33.3%
93-72-1	Herbicides	2,4,5-TP (Silvex)	ug/kg	8.70	4.87	55.6%	6.9	4.98	66.67%	7.50	5.27	33.3%
7085-19-0	Herbicides	MCPP[2-(4-chloro-2-methylphenoxy)-propanoic acid]	ug/kg	8600	2300	33.3%	ND	ND	0.00%	ND	ND	0.0%
	Dioxin	2,3,7,8-TCDD TEQ	pg/g	3.33	1.30		3.20	1.38		2.68	1.59	

Table 5-1. Summary of sediment quality guidelines (benchmarks) for COPECs retained in sediments.

CAS	Chemical Class	Analyte	Units	Max. Conc	Sed Ontario LEL[a]	Sed Ontario SEL[a]	TEL	PEL	EPA SQC (ug/kg$_{oc}$)[b]	Jones et al (1997) NAWQC-chronic[c]	Jones et al (1997) EqP SCVs[d]	NOAA ER-L	NOAA ER-M	Other Criterion Value	Source (other)
78-93-3	VOCs	2-Butanone (MEK)	ug/kg	7.50							159.3[e]				
67-64-1	VOCs	Acetone	ug/kg	290							5.13[e]				
71-43-2	VOCs	Benzene	ug/kg	49							94.4				
108-90-7	VOCs	Chlorobenzene	ug/kg	11000							242				
100-41-4	VOCs	Ethylbenzene	ug/kg	16							52.5				
100-42-5	VOCs	Styrene (Monomer)	ug/kg	37										611	Calc based on EqP approach
108-88-3	VOCs	Toluene	ug/kg	14							29.5				
1330-20-7	VOCs	Xylenes, Total	ug/kg	81							94.4				
95-50-1	SVOCs	1,2-Dichlorobenzene	ug/kg	330							195				
56-55-3	SVOCs	Benzo(a)anthracene	ug/kg	91	320	8732									
50-32-8	SVOCs	Benzo(a)pyrene	ug/kg	72	370	8496									
205-99-2	SVOCs	Benzo(b)fluoranthene	ug/kg	75	240	7906								3600 / 9900	AET-L / AET-H
191-24-2	SVOCs	Benzo(g,h,i)perylene	ug/kg	79	170	1888									
207-08-9	SVOCs	Benzo(k)fluoranthene	ug/kg	83	240	7906									
117-81-7	SVOCs	bis(2-Ethylhexyl)phthalate	ug/kg	88			182	2650							
218-01-9	SVOCs	Chrysene	ug/kg	92	340	2714									
206-44-0	SVOCs	Fluoranthene	ug/kg	160	750	6018									
193-39-5	SVOCs	Indeno(1,2,3-cd)pyrene	ug/kg	29	200	1888									
106-47-8	SVOCs	P-Chloroaniline	ug/kg	3000											
87-86-5	SVOCs	Pentachlorophenol	ug/kg	3.60										360[f]	WA No Effects Level (and USEPA National Sed Qual Survey AET-low value)
85-01-8	SVOCs	Phenanthrene	ug/kg	72	560	5605									
72-54-8	Pesticides	4,4'-DDD	ug/kg	1.20	8	35.4									
72-55-9	Pesticides	4,4'-DDE	ug/kg	4.90	5	112									
50-29-3	Pesticides	4,4'-DDT	ug/kg	3.30	8	419									
319-85-7	Pesticides	beta-BHC	ug/kg	0.67	5	124									
60-57-1	Pesticides	Dieldrin	ug/kg	2.90	2	537									
7421-93-4	Pesticides	Endrin Aldehyde	ug/kg	4.10	3	767									

Table 5-1. Summary of sediment quality guidelines (benchmarks) for COPECs retained in sediments.

CAS	Chemical Class	Analyte	Units	Max. Conc	Sed Ontario LEL[a]	Sed Ontario SEL[a]	TEL	PEL	EPA SQC (ug/kg_{oc})[b]	Jones et al (1997) NAWQC-chronic[c]	Jones et al (1997) EqP SCVs[d]	NOAA ER-L	NOAA ER-M	Other Criterion Value	Source (other)
53494-70-5	Pesticides	Endrin Ketone	ug/kg	1.20	3	767									
5103-74-2	Pesticides	gamma-Chlordane	ug/kg	3.00	7	35.4									
76-44-8	Pesticides	Heptachlor	ug/kg	0.98	5	29.5					40.1				
1024-57-3	Pesticides	Heptachlor Epoxide	ug/kg	11	5	29.5									
72-43-5	Pesticides	Methoxychlor	ug/kg	3.30							11.2				
94-75-7	Herbicides	2,4-D	ug/kg	20											
75-99-0	Herbicides	Dalapon	ug/kg	9.90											
93-65-2	Herbicides	MCPP	ug/kg	2500										1.15	Calc based on EqP approach
	PCBs	Total PCB Homologs	ug/kg	69.4	70	3127									
	Dioxins	2,3,7,8-TCDD TEQ	ug/kg	0.00037			0	0.022							
7429-90-5	Metals	Aluminum	mg/kg	9400										73160, 58030[g]	EPA (1996) ARCS Probable Effects Conc (PEC) and No Effect Conc (NEC), respectively
7440-38-2	Metals	Arsenic	mg/kg	7.50	6	33									
7440-39-3	Metals	Barium	mg/kg	300											
7440-41-7	Metals	Beryllium	mg/kg	0.64										4.02	Based on Kd
7440-43-9	Metals	Cadmium	mg/kg	1.40	0.6	10									
7440-70-2	Metals	Calcium	mg/kg	18000											
7440-47-3	Metals	Chromium	mg/kg	19	26	110									
7440-48-4	Metals	Cobalt	mg/kg	10	50	50									
7440-50-8	Metals	Copper	mg/kg	20	16	110									
7439-89-6	Metals	Iron	mg/kg	20000	200000	400000									
7439-92-1	Metals	Lead	mg/kg	47	31	250									
7439-95-4	Metals	Magnesium	mg/kg	6400											
7439-96-5	Metals	Manganese	mg/kg	1000	460	1100									
7440-02-0	Metals	Nickel	mg/kg	21	16	75									
7440-09-7	Metals	Potassium	mg/kg	1300											
7440-23-5	Metals	Sodium	mg/kg	290											

Table 5-1. Summary of sediment quality guidelines (benchmarks) for COPECs retained in sediments.

CAS	Chemical Class	Analyte	Units	Max. Conc	Sed Ontario LEL[a]	Sed Ontario SEL[a]	TEL	PEL	EPA SQC (ug/kg_{oc})[b]	Jones et al (1997) NAWQC-chronic[c]	Jones et al (1997) EqP SCVs[d]	NOAA ER-L	NOAA ER-M	Other Criterion Value	Source (other)
7440-62-2	Metals	Vanadium	mg/kg	25											
7440-66-6	Metals	Zinc	mg/kg	310	120	820									

[a] LEL and SEL Values are after Persaud et al (1993); the site average TOC was calculated as 0.59% (foc = 0.0059) and SEL values were adjusted for TOC for non-polar compounds, SVOCs, pesticides, and PCBs (by multiplying with a factor of 0.0059)

[b] EPA SQC (Sediment Quality Criteria) values are from USEPA 1997 (EPA 823-R-97-006); the values given in EPA's table were for a TOC of 1% (foc = 0.01); a correction factor of 0.59 was used to correct for site-specific TOC of 0.59%

[c] Jones, 1997 - NAWQC: This is a EqP based approach, and secondary chronic values that exceed the benchmarks that used the NAWQC should be COCs.

[d] Jones, 1997 - Secondary Chronic Value (SCV).

[e] For 2-Butanone and Acetone, polar non-ionic compounds, the EqP model (Jones SCV) provides a conservative estimate of exposure.

[f] WA No Effects Level: Sediment Quality Chemical Criteria, Washington State Dept of Ecology, Sediment Management. WAC 172-204-320.

[g] NEC: Probable Effect Concentration (US EPA 1996, Calculation and evaluation of sediment effect concentrations for the Amphipod Hyalella Azteca and the Midge Chironomous riparius, EPA 905-R96-008, Great Lakes National Program Office, Chicago, IL.

Table 5-2. Summary of water quality guidelines (benchmarks) used for screening of COPECs retained in surface water.

CAS	Chemical Class	Total or Diss.	Analyte	Units	Site Max. Conc	NAWQC - Acute[a]	NAWQC - Chronic[b]	IL -Acute Aquatic Toxicity Criterion	IL-Chronic Aquatic Toxicity Criterion	SW Tier II Secondary Acute	SW Tier II Secondary Chronic	Oak Ridge Lowest Chronic Value for Fish[c]	Other Criterion	Retain as COC?
75-35-4	VOCs	T	1,1-Dichloroethylene	ug/l	0.42			3000	240					No
107-06-2	VOCs	T	1,2-Dichloroethane	ug/l	0.7			25000	4500					No
540-59-0	VOCs	T	1,2-Dichloroethene (total)	ug/l	0.36			14000[g]	1100[g]					No
71-43-2	VOCs	T	Benzene	ug/l	4.5			4200	860					No
75-15-0	VOCs	T	Carbon Disulfide	ug/l	0.69			200	20					No
108-90-7	VOCs	T	Chlorobenzene	ug/l	56.00			990000	79000					No
74-87-3	VOCs	T	Chloromethane	ug/l	0.96			16000[g]	1300[g]					No
108-88-3	VOCs	T	Toluene	ug/l	4.5			2000	600					No
1330-20-7	VOCs	T	Xylenes, Total	ug/l	3			920	360					No
95-50-1	SVOCs	T	1,2-Dichlorobenzene	ug/l	40.00			210	170					No
120-83-2	SVOCs	T	2,4-Dichlorophenol	ug/l	69			630	83					No
95-57-8	SVOCs	T	2-Chlorophenol	ug/l	31	4380[d]		510	41					No
106-44-5	SVOCs	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	ug/l	27.00			670	120					No
106-47-8	SVOCs	T	p-Chloroaniline	ug/l	160			2.4	0.2[g]					**Yes**
108-95-2	SVOCs	T	Phenol	ug/l	14.00	3600[e]	110[e]							No
319-85-7	Pesticides	T	beta-BHC	ug/l	0.0092					39	2.2			No
94-75-7	Herbicides	T	2,4-D	ug/l	29			100	8					**Yes**
120-36-5	Herbicides	T	Dichlorprop	ug/l	2.2								64	No
7429-90-5	Metals	D	Aluminum	mg/l	0.012	0.75[i]								No
7429-90-5	Metals	T	Aluminum	mg/l	1.1	0.75						3.29		**Yes**
7440-38-2	Metals	T	Arsenic	mg/l	0.0061	0.34	0.15							No
7440-39-3	Metals	D	Barium	mg/l	0.054					0.11	0.004			**Yes**
7440-39-3	Metals	T	Barium	mg/l	0.065					0.11	0.004			**Yes**
7440-70-2	Metals	D	Calcium	mg/l	53							116		No
7440-70-2	Metals	T	Calcium	mg/l	54							116		No
7440-48-4	Metals	D	Cobalt	mg/l	0.001					1.5	0.023			No
7440-48-4	Metals	T	Cobalt	mg/l	0.0012					1.5	0.023			No
7440-50-8	Metals	T	Copper	mg/l	0.04	0.031	0.019							**Yes**
7439-89-6	Metals	D	Iron	mg/l	0.087		1[f]							No
7439-89-6	Metals	T	Iron	mg/l	1.4		1							**Yes**
7439-92-1	Metals	T	Lead	mg/l	0.0049	0.357	0.0139							No
7439-95-4	Metals	D	Magnesium	mg/l	22.00							82		No
7439-95-4	Metals	T	Magnesium	mg/l	22							82		No

Table 5-2. Summary of water quality guidelines (benchmarks) used for screening of COPECs retained in surface water.

CAS	Chemical Class	Total or Diss.	Analyte	Units	Site Max. Conc	NAWQC - Acute[a]	NAWQC - Chronic[b]	IL -Acute Aquatic Toxicity Criterion	IL-Chronic Aquatic Toxicity Criterion	SW Tier II Secondary Acute	SW Tier II Secondary Chronic	Oak Ridge Lowest Chronic Value for Fish[e]	Other Criterion	Retain as COC?
7439-96-5	Metals	T	Manganese	mg/l	0.14					2.3	0.12			Yes
7439-97-6	Metals	D	Mercury	mg/l	0.0001	0.0014	0.00077							No
7439-97-6	Metals	T	Mercury	mg/l	0.0002	0.0016	0.00091							No
7440-09-7	Metals	D	Potassium	mg/l	3.6							53		No
7440-09-7	Metals	T	Potassium	mg/l	4							53		No
7440-23-5	Metals	D	Sodium	mg/l	24							680		No
7440-23-5	Metals	T	Sodium	mg/l	24.00							680		No
7440-62-2	Metals	D	Vanadium	mg/l	0.01					0.28	0.002			Yes
7440-62-2	Metals	T	Vanadium	mg/l	0.0042					0.28	0.002			Yes
7440-66-6	Metals	D	Zinc	mg/l	0.036	0.239	0.241							No
7440-66-6	Metals	T	Zinc	mg/l	0.041	0.244	0.244							No

[a] NAQWC Acute Criterion is the same as Criteria Maximum Concentration (CMC)

[b] NAQWC Chronic Criterion is the same as Criteria Continuous Concentration (CCC)

[c] For calcium, magnesium, potassium and sodium, the LCV for all organisms were used; the aluminum LCV is for fish.

[d] NOAA Screening Quick Reference Table (SQuIRT), September 1999. Values are for Lowest Observable Effect Level

[e] EPA. 1993d. Great Lakes Water Quality Initiative Criteria documents for the protection of aquatic life in ambient water (February 1993 Draft). PB93-154656. National Technical Information Service. Springfield, VA. (As cited in Suter and Tsao, 1996)

[f] Value for total aluminum used for dissolved aluminum and total iron used for dissolved iron

[g] These IL water quality standards were calculated with insufficient data, and recommends that these values should be used for advisory purposes only such as establishing "reasonable potential"

Table 5-3. Calculation of site-specific NAWQC for hardness-dependent metals in surface water and total to dissolved criterion conversions.

METAL	HARDNESS CALCULATIONS[1] *For Filtered Freshwater Criteria*		UNFILTERED TO FILTERED CALCULATIONS[1] *Conversion Factors*	
	CMC	CCC	CMC	CCC
Arsenic (As)			CF = 1	CF = 1
Copper (Cu)	$CMC = e^{0.9422\,[\ln(hardness)] - 1.7}$	$CCC = e^{0.8545\,[\ln(hardness)] - 1.702}$	CF = 0.960	CF = 0.960
Lead (Pb)	$CMC = e^{1.273\,[\ln(hardness)] - 1.46}$	$CCC = e^{1.273\,[\ln(hardness)] - 4.705}$	CF = 1.46203 – 0.145712[*In hardness)*]	Same as CMC
Mercury (Hg)			CF = 0.85	Same as CMC
Zinc (Zn)	$CMC = e^{0.8473\,[\ln(hardness)]}$ 0.884	$CCC = e^{0.8473\,[\ln(hardness)] + 0.884}$	CF = 0.978	CF = 0.986

[1]Adopted from the NAWQC document (USEPA, 2002).

Table 5-4. Toxicity reference values (TRVs) and Hazard Quotients (HQs) for COPECs identified in fish.

Analyte	CAS	TRV (mg/kg)	Site Max Fish Conc (mg/kg)	Ref. Area Max Conc (mg/kg)	Site HQ_{max}	Ref. Area HQ_{max}
SVOCs						
1,2-dichlorobenzene	95-50-1	0.70	0.24	ND	0.34	
1,4-dichlorobenzene	106-46-7	0.61	0.13	ND	0.21	
2,4-Dichlorophenol	120-83-2	134.16	0.19	ND	0.001	
2-Methylphenol	95-48-7	1.00	0.22	0.34	0.22	0.34
Pesticides						
4,4'-DDD	72-54-8	0.060	0.0067	0.012	0.11	0.20
4,4`-DDE	72-55-9	1.61	0.060	0.025	0.04	0.02
4,4`-DDT	50-29-3	3.90	0.013	0.0076	0.0033	0.0020
Alpha-BHC	319-84-6	22.5	0.0026	ND	0.0001	
Alpha-Chlordane	57-74-9	1.66	0.014	0.0077	0.008	0.005
Dieldrin	60-57-1	0.37	0.064	0.032	0.17	0.09
Endosulfan I	115-29-7	0.20	0.0043	0.003	0.02	0.02
Endrin	72-20-8	0.16	0.015	ND	0.09	
Endrin Aldehyde	72-20-8	0.16	0.010	0.0074	0.06	0.05
Gamma-Chlordane	57-74-9	1.66	0.0081	0.0058	0.005	0.003
Heptachlor epoxide	1024-57-3	3.20	0.0053	ND	0.002	
Herbicides						
2,4,5-T	94-75-7	0.30	0.013	0.0071	0.04	0.02
2,4,5-TP (Silvex)	93-72-1	0.51	0.0087	0.0075	0.02	0.01
MCPP	7085-19-0	5.74	8.6	ND	1.50	
Dioxins/Furans						
2,3,7,8-TCDD (TEQ)		2.69E-03	3.33E-06	3.20E-06	0.0012	0.0012
1,2,3,4,6,7,8,9-OCDF	39001-02-0	1.41E-02	4.30E-06	2.70E-06	0.0003	0.0002
1,2,3,4,6,7,8-HCDD	35822-46-9	1.90E-02	7.10E-06	8.80E-06	0.0004	0.0005
1,2,3,4,7,8-HCDD	39227-28-6	3.90E-06	3.00E-07	5.80E-07	0.08	0.15
1,2,3,4,7,8-HxCDF	70648-26-9	9.90E-06	8.40E-07	8.50E-07	0.08	0.09
1,2,3,6,7,8-HxCDD	57653-85-7	1.00E-02	1.20E-06	2.00E-06	0.0001	0.0002
1,2,3,7,8-PcCDD	40321-76-4	5.66E-06	6.40E-07	1.20E-06	0.11	0.21
1,2,3,7,8-PeCDF	57117-41-6	7.34E-05	4.30E-07	ND	0.01	
2,3,4,7,8-PCDF	57117-31-4	1.02E-04	6.40E-07	1.00E-06	0.01	0.01
2,3,7,8-TCDF	51207-31-9	4.74E-04	5.70E-06	2.60E-06	0.01	0.01
2,3,7,8-TCDD	1746-01-6	2.69E-03	2.40E-06	1.10E-06	0.0009	0.0004

Table 7-1. Calculation of Hazard Quotiens (HQs) for COPECs identified in sediments.

CAS	Chemical Class	Analyte	Units	Site Max. Conc	Site Mean Conc		Ref Max Conc	Benchmark Value	Site		Reference HQ_{max}
					H-UCL(95)	t-UCL(95)			HQ_{max}	HQ_{mean}	
78-93-3	VOCs	2-Butanone (MEK)	ug/kg	7.50			3.4	159.3	0.05		0.0213
67-64-1	VOCs	Acetone	ug/kg	290	31.5	43.5	98	5.13	57	6.1	19.1
71-43-2	VOCs	Benzene	ug/kg	49			ND	94.4	0.52		
108-90-7	VOCs	Chlorobenzene	ug/kg	11000	213	1126	ND	242	45	0.88	
100-41-4	VOCs	Ethylbenzene	ug/kg	16			ND	52.5	0.30		
100-42-5	VOCs	Styrene (Monomer)	ug/kg	37			ND	611	0.06		
108-88-3	VOCs	Toluene	ug/kg	14			ND	29.5	0.47		
1330-20-7	VOCs	Xylenes, Total	ug/kg	81			3.2	94.4	0.86		0.0339
95-50-1	SVOCs	1,2-Dichlorobenzene	ug/kg	330	254	239	ND	195	1.7	1.3	
56-55-3	SVOCs	Benzo(a)anthracene	ug/kg	91			ND	320	0.28		
50-32-8	SVOCs	Benzo(a)pyrene	ug/kg	72			ND	370	0.19		
205-99-2	SVOCs	Benzo(b)fluoranthene	ug/kg	75			ND	240	0.31		
191-24-2	SVOCs	Benzo(g,h,i)perylene	ug/kg	79			ND	170	0.46		
207-08-9	SVOCs	Benzo(k)fluoranthene	ug/kg	83			ND	240	0.35		
117-81-7	SVOCs	bis(2-Ethylhexyl)phthalate	ug/kg	88			ND	182	0.48		
218-01-9	SVOCs	Chrysene	ug/kg	92			31	340	0.27		0.0912
206-44-0	SVOCs	Fluoranthene	ug/kg	160			41	750	0.21		0.0547
193-39-5	SVOCs	Indeno(1,2,3-cd)pyrene	ug/kg	29			ND	200	0.15		
106-47-8	SVOCs	p-Chloroaniline	ug/kg	3000	615	721	ND	NA	NA	NA	
87-86-5	SVOCs	Pentachlorophenol	ug/kg	3.60			ND	360	0.01		
85-01-8	SVOCs	Phenanthrene	ug/kg	72			36	560	0.13		0.0643
72-54-8	Pesticides	4,4'-DDD	ug/kg	1.20			ND	8	0.15		
72-55-9	Pesticides	4,4'-DDE	ug/kg	4.90			ND	5	0.98		
50-29-3	Pesticides	4,4'-DDT	ug/kg	3.30			ND	8	0.41		
319-85-7	Pesticides	beta-BHC	ug/kg	0.67			ND	5	0.13		
60-57-1	Pesticides	Dieldrin	ug/kg	2.90	2.43	2.39	ND	2	1.5	1.2	
7421-93-4	Pesticides	Endrin Aldehyde	ug/kg	4.10	2.42	2.44	ND	3	1.4	0.8	
53494-70-5	Pesticides	Endrin Ketone	ug/kg	1.20			ND	3	0.40		
5103-74-2	Pesticides	gamma-Chlordane	ug/kg	3.00			ND	7	0.43		
76-44-8	Pesticides	Heptachlor	ug/kg	0.98			ND	5	0.20		
1024-57-3	Pesticides	Heptachlor Epoxide	ug/kg	11	1.5	1.9	ND	5	2.2	0.30	
72-43-5	Pesticides	Methoxychlor	ug/kg	3.30			ND	11.2	0.29		

Table 7-1. Calculation of Hazard Quotiens (HQs) for COPECs identified in sediments.

CAS	Chemical Class	Analyte	Units	Site Max. Conc	Site Mean Conc		Ref Max Conc	Benchmark Value	Site		Reference
					H-UCL(95)	t-UCL(95)			HQ_{max}	HQ_{mean}	HQ_{max}
94-75-7	Herbicides	2,4-D	ug/kg	20	7.2	7.6	5.2	NA	NA	NA	
75-99-0	Herbicides	Dalapon	ug/kg	9.90	7686	1487	--	NA	NA	NA	
93-65-2	Herbicides	MCPP	ug/kg	2500	1483	1512	460	1.15	2174	1289	400
	PCBs	Total PCB Homologs	ug/kg	69.4			ND	70	0.99		
	Dioxins	2,3,7,8-TCDD TEQ	ug/kg	0.0004			ND	0.00085	0.44		
7429-90-5	Metals	Aluminum	mg/kg	9400			5900	58030	0.16		0.1017
7440-38-2	Metals	Arsenic	mg/kg	7.50	3.48	3.50	5.6	6	1.3	0.58	0.933
7440-39-3	Metals	Barium	mg/kg	300	121	110	140	48	6.3	2.3	2.92
7440-41-7	Metals	Beryllium	mg/kg	0.64			0.48	4.02	0.16		0.1194
7440-43-9	Metals	Cadmium	mg/kg	1.40	0.55	0.58	1.2	0.6	2.3	0.97	2.0
7440-70-2	Metals	Calcium	mg/kg	18000			8200	NA	NA		
7440-47-3	Metals	Chromium	mg/kg	19			11	26	0.73		0.4231
7440-48-4	Metals	Cobalt	mg/kg	10			6	50	0.20		0.12
7440-50-8	Metals	Copper	mg/kg	20	9.60	7.81	12	16	1.3	0.49	0.75
7439-89-6	Metals	Iron	mg/kg	20000			12000	200000	0.10		0.06
7439-92-1	Metals	Lead	mg/kg	47	24.4	21.0	12	31	1.5	0.68	0.387
7439-95-4	Metals	Magnesium	mg/kg	6400			3400	NA	NA		
7439-96-5	Metals	Manganese	mg/kg	1000	384	359	500	460	2.2	0.78	1.09
7440-02-0	Metals	Nickel	mg/kg	21	10.1	10.2	15	16	1.3	0.64	0.938
7440-09-7	Metals	Potassium	mg/kg	1300			820	NA	NA		
7440-23-5	Metals	Sodium	mg/kg	290			78	NA	NA		
7440-62-2	Metals	Vanadium	mg/kg	25	11.8	11.7	19	NA	NA	NA	
7440-66-6	Metals	Zinc	mg/kg	310	163	119	89	120	2.6	0.99	0.7417

Table 7-2. Concentration of COPECs identified in Site sediments

	VOCs		SVOCs		Pesticides			Herbicides			Metals								
Sample ID	Acetone	Chlorobenzene	1,2-Dichlorobenzene	p-Chloroaniline	Dieldrin	Endrin Aldehyde	Heptachlor Epoxide	2,4-D	Dalapon	MCPP	Arsenic	Barium	Cadmium	Copper	Lead	Manganese	Nickel	Vanadium	Zinc
	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
R1AD1S	26 J									370 J	5.6	140	1.2	12	12	500	15	19	89 J
R1AM1S	98 J										2.9	75		4.8	8.1	240	8.7	9.2	34 J
R1AU1S	12 J										1.8 J	26		0.75 J	2.7	140	5	3.6	8.2 J
R1BD1S	3.4 J										2.3	44		1.4 J	4.9	83	8.2	6.2	
R1BM1S	8.1 J							5.2 J		460 J	1.5 J	16		1.1 J	1.7	150	6	3.6	8.2 J
R1BM2S	87 J										1.1 J	12		1.3 J	1.7	160	5	3.2	7.2 J
R1BU1S	9.3 J										1.4 J	11		0.9 J	1.6	110	4.7	3.1	6.7 J
R1CM1S	40 J										1 J	14		0.61 J	2.1	95	5.2	3.3	7.6 J
R2AD1S	6.4 J										7.5	170		14	11 J	310	16	20	45
R2AM1S	3.5 J										4.1	130		7.6	10 J	400	11	13	40
R2AM2S	4.4 J										4.6	130		8.4	11 J	420	11	14	41
R2AU1S	3.9 J										2.1	35		1.2 J	4 J	90	5.8	5	13
R2BD1S	3.3 J										2.6	300		2.8	5.8 J	810	6.5	15	27
R2BM1S	6.3 J										2	36		0.88 J	19 J	68	4.7	4.5	10
R2BU1S	7.8 J										2.1	53		1.6 J	4.4	86	6.5	7.2	
R2CM1S	12 J										1.4	22		0.68 J	2 J	150	6.8	3.9	8
R3AD1S	3.6 J	1.9 J				1.8 J	0.61 J	6.6 J			3	89	1.1	6.4	41 J	160	8	8.5	260 J
R3AM1S	7.9 J	26	46 J			2.7 J			9.9 J	1000 J	3.7	140	1.4	18	35 J	440	13	16	310 J
R3AU1S	5.1 J	5000	44 J	3000			0.31 J				3.9	170	1.1	12	47 J	540	13	16	310
R3BD1S						1.7 J					1.4 J	28	0.31 J	2 J	11 J	61	5.6	5.4	87 J
R3BM1S		11000	330 J			4.1 J	11		4.7 J	2500 J	6.1	210	1 J	19	43 J	430	17	20	180 J
R3BU1S		1300		1400							1.8	26		2.3 J	7 J	130	6.9	5.8	25
R3CM1S											1	16		0.58 J	1.9 J	210	4.1	3.9	6.7
R4AD1S	3 J										1.9	33			7.7 J	67	5.8	5.1	40 J

Table 7-2. Concentration of COPECs identified in Site sediments

	VOCs		SVOCs		Pesticides			Herbicides			Metals								
Sample ID	Acetone ug/kg	Chlorobenzene ug/kg	1,2-Dichlorobenzene ug/kg	p-Chloroaniline ug/kg	Dieldrin ug/kg	Endrin Aldehyde ug/kg	Heptachlor Epoxide ug/kg	2,4-D ug/kg	Dalapon ug/kg	MCPP ug/kg	Arsenic mg/kg	Barium mg/kg	Cadmium mg/kg	Copper mg/kg	Lead mg/kg	Manganese mg/kg	Nickel mg/kg	Vanadium mg/kg	Zinc mg/kg
R4AM1S						1.3 J					2.5	49	0.58	5.6	11 J	110	8.2	5.5	140 J
R4AU1S	3.1 J					1.2 J					1.8	110	0.67	2.5	47 J	76	6.1	7.4	190 J
R4BD1S						2.1 J					1.8	15			4.2 J	53	3.6 J	3.7	53 J
R4BM1S											1.4 J	24		6	11 J	65	4.2	3.8	60 J
R4BU1S	3.2 J				1.2 J	1.9 J					1.6 J	20	0.3 J	1.5 J	18 J	66	4.8	4.3	71 J
R4CM1S	3.3 J					1.4 J					1.7 J	38			4.1 J	67	5.5	5.5	23 J
R4CM2S	4.4 J					2.4 J					2	21			18 J	62	5.8	5	14 J
R5AM1S	4.1 J							20			2.7	59	0.31 J	4.5	14	190	8.5	8.4	70
R5AN1S	290 J							7.9 J			2	47		3	8.1	99	6.3	7.5	42 J
R5AU1S	9.1 J	0.29 J						9.2 J			2.6	63	0.26 J	5.4	18	250	7.9	8.5	59
R5BM1S	17 J							13 J			2.9	43		2.7	6.2	69	6.1	6.1	22
R5BN1S	17 J										4.8	97		9	15	370	11	13	97 J
R5BU1S	7.8 J	0.2 J									3.1	63	0.3 J	4.7	13	180	7.8	8.5	86
R5CM1S	4.4 J										2.2	28			3.4	190	7.5	4	13
R6AD1S	22 J										5.4 J	140	0.59 J	14	20	860	15	18	110
R6AM1S	150 J				0.6 J						4.6	140	0.72 J	14	29	780	15	19	160
R6AM2S	24 J										5.9	210	1.2	20	35	1000	21	25	260
R6AU1S	130 J				2.9 J						4.8 J	220	0.95 J	11	39	700	16	20	210
R6BM1S	37 J										2.9 J	77	0.36 J	3.4	10	140	8.1	7.6	91
R6BU1S	20 J										2.9 J	110	0.51 J	7.6	22	230	9.5	11	130
R6CM1S	5.5 J										1.4 J	21			3		5.4	3.7	9.4

Table 7-3 Summary of toxicity testing of sediments using *H. azteca* and *C. tentans*.

Sample ID	Toxicity Test Species			
	H. azteca		*C. tentans*	
	Is Mean Survival < Control?	Is Mean Growth < Control?	Is Mean Survival < Control?	Is Mean Growth < Control?
R1AD1S	No	No	No	No
R1AM1S	No	No	No	No
R1AU1S	No	No	No	No
R1BD1S	No	No	No	No
R1BM1S	Yes	No	No	No
R1BM2S	No	No	No	No
R1BU1S	No	No	No	No
R1CM1S	No	No	No	No
R2AD1S	No	No	No	No
R2AM1S	No	No	No	No
R2AM2S	No	No	No	No
R2AU1S	No	No	No	No
R2BD1S	No	No	No	No
R2BM1S	No	No	No	No
R2BU1S	No	No	No	No
R2CM1S	No	No	No	No
R3AD1S	No	No	No	No
R3AM1S	No	No	No	No
R3AU1S	No	No	No	No
R3BD1S	No	No	No	No
R3BM1S	No	No	No	No
R3BU1S	No	No	No	No
R3CM1S	No	No	No	No
R4AD1S	No	No	No	No
R4AM1S	No	No	No	No
R4AU1S	No	No	No	No
R4BD1S	No	No	No	No
R4BM1S	No	No	No	No
R4BU1S	No	No	No	No
R4CM1S	No	No	No	No
R4CM2S	No	No	No	No
R5AM1S	No	No	No	No
R5AN1S	No	No	No	No
R5AU1S	No	No	No	No
R5BM1S	No	No	No	No
R5BN1S	No	No	No	No
R5BU1S	No	No	No	No
R5CM1S	No	No	No	No
R6AD1S	No	No	No	No
R6AM1S	No	No	No	No
R6AM2S	No	No	No	No
R6AU1S	No	No	No	No
R6BM1S	No	No	No	No
R6BU1S	No	No	No	No
R6CM1S	No	No	No	No

Table 7-4. Results of benthic community identification and enumeration in sediment samples.

SPECIES	R6 AD	R1 BD
MOLLUSCA		
Bivalvia		
Veneroida		
Corbiculidae		
Corbicula fulminea		1
Gastropoda		
Basommatophora		
Physidae		
Physella sp.		1
ANNELIDA		
Oligochaeta		
Haplotaxida		
Naididae	6	
Tubificidae w.h.c.	3	
Tubificidae w.o.h.c.	46	3
Branchiura sowerbyi	6	2
ARTHROPODA		
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia sp.	1	
Trichoptera		
Hydropsychidae		
Hydropsyche orris	1	
Diptera		
Ceratopogonidae		
Bezzia/Palpomyia gp.		1
Chironomidae		
Ablabesmyia rhamphe gp.	1	
Chironomus sp.	2	
Paratendipes sp.		17
TOTAL NO. OF ORGANISMS	**66**	**25**
TOTAL NO. OF TAXA	**8**	**6**

Table 7-5. Calculation of Hazard Quotients (HQs) for COPECs identified in surface water.

CAS	Chemical Class	Total or Diss.	Analyte	Units	Site Max. Conc	UCL-95 (Average Conc)	Ref Max Conc	Water Quality Guideline	Site		Reference
									HQ_{max}	HQ_{mean}	HQ_{max}
75-35-4	VOCs	T	1,1-Dichloroethylene	ug/l	0.42		ND	240	0.0018		
107-06-2	VOCs	T	1,2-Dichloroethane	ug/l	0.7		ND	4500	0.0002		
540-59-0	VOCs	T	1,2-Dichloroethene (total)	ug/l	0.36		ND	1100	0.0003		
71-43-2	VOCs	T	Benzene	ug/l	4.5		ND	860	0.01		
75-15-0	VOCs	T	Carbon Disulfide	ug/l	0.69		ND	20	0.03		
108-90-7	VOCs	T	Chlorobenzene	ug/l	56.00		ND	79000	0.001		
74-87-3	VOCs	T	Chloromethane	ug/l	0.96		0.5	1300	0.001		0.0004
108-88-3	VOCs	T	Toluene	ug/l	4.5		ND	600	0.01		
1330-20-7	VOCs	T	Xylenes, Total	ug/l	3		ND	360	0.01		
95-50-1	SVOCs	T	1,2-Dichlorobenzene	ug/l	40.00		ND	170	0.24		
120-83-2	SVOCs	T	2,4-Dichlorophenol	ug/l	69		ND	83	0.83		
95-57-8	SVOCs	T	2-Chlorophenol	ug/l	31		ND	41	0.76		
106-44-5	SVOCs	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	ug/l	27.00		ND	120	0.23		
106-47-8	SVOCs	T	p-Chloroaniline	ug/l	160	14.4	ND	0.2	800	72	
108-95-2	SVOCs	T	Phenol	ug/l	14.00		ND	110	0.13		
319-85-7	Pesticides	T	beta-BHC	ug/l	0.0092		ND	2.2	0.004		
94-75-7	Herbicides	T	2,4-D	ug/l	29	2.7	ND	8	3.63	0.34	
120-36-5	Herbicides	T	Dichlorprop	ug/l	2.2		ND	64	0.03		
7429-90-5	Metals	D	Aluminum	mg/l	0.012		ND	0.75	0.02		
7429-90-5	Metals	T	Aluminum	mg/l	1.1	0.819	0.88	0.75	1.47	1.09	1.17
7440-38-2	Metals	T	Arsenic	mg/l	0.0061		ND	0.15	0.04		
7440-39-3	Metals	D	Barium	mg/l	0.054	0.052	0.051	0.004	13.5	13	12.8
7440-39-3	Metals	T	Barium	mg/l	0.065	0.062	0.061	0.004	16.3	15.5	15.3
7440-70-2	Metals	D	Calcium	mg/l	53		50	116	0.46		0.43
7440-70-2	Metals	T	Calcium	mg/l	54		53	116	0.47		0.46
7440-48-4	Metals	D	Cobalt	mg/l	0.001		ND	0.023	0.04		
7440-48-4	Metals	T	Cobalt	mg/l	0.0012		0.0011	0.023	0.05		0.05
7440-50-8	Metals	T	Copper	mg/l	0.04	1.19E-02	ND	0.019	2.04	0.62	
7439-89-6	Metals	D	Iron	mg/l	0.087		0.032	1	0.09		0.03
7439-89-6	Metals	T	Iron	mg/l	1.4	1.13	1.1	1	1.40	1.13	1.1
7439-92-1	Metals	T	Lead	mg/l	0.0049		ND	0.0139	0.35		
7439-95-4	Metals	D	Magnesium	mg/l	22.00		20	82	0.27		0.24
7439-95-4	Metals	T	Magnesium	mg/l	22		21	82	0.27		0.26
7439-96-5	Metals	T	Manganese	mg/l	0.14	0.0914	0.084	0.12	1.17	0.76	0.7
7439-97-6	Metals	D	Mercury	mg/l	0.0001		ND	0.00077	0.16		
7439-97-6	Metals	T	Mercury	mg/l	0.0002		ND	0.00091	0.22		
7440-09-7	Metals	D	Potassium	mg/l	3.6		3.3	53	0.07		0.06
7440-09-7	Metals	T	Potassium	mg/l	4		3.5	53	0.07		0.07
7440-23-5	Metals	D	Sodium	mg/l	24		20	680	0.04		0.03
7440-23-5	Metals	T	Sodium	mg/l	24.00		20	680	0.04		0.03
7440-62-2	Metals	D	Vanadium	mg/l	0.01	0.00532	0.0033	0.002	5.00	2.66	1.65
7440-62-2	Metals	T	Vanadium	mg/l	0.0042	0.0042	0.0017	0.002	2.10	2.10	0.85
7440-66-6	Metals	D	Zinc	mg/l	0.036		ND	0.241	0.15		
7440-66-6	Metals	T	Zinc	mg/l	0.041		0.0046	0.244	0.17		0.02

Table 7-6. Summary of statistical analyses of surface water toxicity testing using *P. promelas* and *C. dubia*.

	Toxicity Test Species					
	P. promelas			*C. dubia*		
Sample ID	Is Mean Acute Survival < Contol?	Is Mean Chronic Survival < Control?	Is Mean Growth < Control?	Is Mean Acute Survival < Contol?	Is Mean Chronic Survival < Control?	Is Mean Neonate Production < Control?
R1AD1W	No	No	No	No	No	No
R1AM1W	No	No	No	No	No	No
R1AU1W	No	No	No	No	No	No
R1BD1W	No	No	No	No	No	No
R1BM1W	No	No	No	No	No	No
R1BM2W	No	No	No	No	No	No
R1BU1W	No	No	No	No	No	No
R1CM1W	No	No	No	No	No	No
R2AD1W	No	No	No	No	No	No
R2AM1W	No	No	No	No	No	No
R2AM2W	No	No	No	No	No	No
R2AU1W	No	No	No	No	No	No
R2BD1W	No	No	No	No	No	No
R2BM1W	No	No	No	No	No	No
R2BU1W	No	No	No	No	No	No
R2CM1W	No	No	No	No	No	No
R3AD1W	No	No	No	No	No	Yes
R3AM1W	No	No	No	No	No	Yes
R3AU1W	No	No	No	Yes	Yes	Yes
R3BD1W	No	No	No	No	No	No
R3BM1W	No	No	No	No	No	Yes
R3BU1W	No	No	No	No	No	Yes
R3CM1W	No	No	No	No	No	No
R4AD1W	No	No	No	No	Yes	Yes
R4AM1W	No	No	No	No	Yes	No
R4AU1W	No	No	No	No	No	No
R4BD1W	No	No	No	No	No	No
R4BM1W	No	No	No	No	No	No
R4BU1W	No	No	No	No	No	No
R4CM1W	No	No	No	No	No	No
R4CM2W	No	No	No	No	No	No
R5AD1W	No	No	No	No	Yes	No
R5AM1W	No	No	No	No	No	No
R5AN1W	No	No	No	No	No	No
R5AU1W	No	No	No	No	No	No
R5BD1W	No	No	No	No	No	No
R5BM1W	No	No	No	No	No	No
R5BN1W	No	No	No	No	No	No
R5BU1W	No	No	No	No	No	No
R5CM1W	No	No	No	No	No	No
R6AD1W	No	No	No	No	No	No
R6AM1W	No	No	No	No	Yes	No
R6AM2W	No	No	No	No	No	No
R6AU1W	No	No	No	No	No	No
R6BM1W	No	No	No	No	No	Yes
R6BU1W	No	No	No	No	No	No
R6CM1W	No	No	No	No	No	No

Table 9-1. Summary of all COPECs identified in various aquatic media and exceedances to appropriate benchmarks.

Chemical Class	Analyte	Surface water COPEC			Sediment COPEC			Bioaccm. Test (Clams)		Fish Tissue COPEC	
		COPEC ?	Hazard Quotient > 1		COPEC ?	Hazard Quotient > 1		COPEC ?	Site > Reference and Control	COPEC ?	Hazard Quotient > 1
			Max	Ave		Max	Ave				
VOCs	1,1-Dichloroethylene	YES	NO	NO	NO			NA		NA	
VOCs	1,2-Dichloroethane	YES	NO	NO	NO			NA		NA	
VOCs	1,2-Dichloroethene (total)	YES	NO	NO	NO			NA		NA	
VOCs	2-Butanone (MEK)	NO			YES	NO	NO	NA		NA	
VOCs	Acetone	NO			YES	YES	YES	NA		NA	
VOCs	Benzene	YES	NO	NO	YES	NO	NO	NA		NA	
VOCs	Carbon Disulfide	YES	NO	NO	NO			NA		NA	
VOCs	Chlorobenzene	YES	NO	NO	YES	YES	NO	NA		NA	
VOCs	Chloromethane	YES	NO	NO	NO			NA		NA	
VOCs	Ethylbenzene	NO			YES	NO	NO	NA		NA	
VOCs	Styrene (Monomer)	NO			YES	NO	NO	NA		NA	
VOCs	Toluene	YES	NO	NO	YES	NO	NO	NA		NA	
VOCs	Xylenes, Total	YES	NO	NO	YES	NO	NO	NA		NA	
SVOCs	1,2-Dichlorobenzene	YES	NO	NO	YES	YES	YES	NO		YES	NO
SVOCs	1,4-dichlorobenzene	NO			NO			NO		YES	NO
SVOCs	2,4-Dichlorophenol	YES	NO	NO	NO			NO		YES	NO
SVOCs	2-Chlorophenol	YES	NO	NO	NO			NO		NO	
SVOCs	2-Methylphenol	NO			NO			NO		YES	NO
SVOCs	3-Methylphenol/4-Methylphenol (m&p-Cresol)	YES	NO	NO	NO			NO		NO	
SVOCs	Benzo(a)anthracene	NO			YES	NO	NO	NO		NO	
SVOCs	Benzo(a)pyrene	NO			YES	NO	NO	NO		NO	
SVOCs	Benzo(b)fluoranthene	NO			YES	NO	NO	NO		NO	
SVOCs	Benzo(g,h,i)perylene	NO			YES	NO	NO	NO		NO	
SVOCs	Benzo(k)fluoranthene	NO			YES	NO	NO	NO		NO	
SVOCs	bis(2-Ethylhexyl)phthalate	NO			YES	NO	NO	YES	YES	NO	
SVOCs	Chrysene	NO			YES	NO	NO	NO		NO	
SVOCs	Fluoranthene	NO			YES	NO	NO	NO		NO	
SVOCs	Indeno(1,2,3-cd)pyrene	NO			YES	NO	NO	YES	YES	NO	

Table 9-1. Summary of all COPECs identified in various aquatic media and exceedances to appropriate benchmarks.

Chemical Class	Analyte	Surface water COPEC			Sediment COPEC			Bioaccm. Test (Clams)		Fish Tissue COPEC	
		COPEC ?	Hazard Quotient > 1		COPEC ?	Hazard Quotient > 1		COPEC ?	Site > Reference and Control	COPEC ?	Hazard Quotient > 1
			Max	Ave		Max	Ave				
SVOCs	p-Chloroaniline	YES	YES	YES	YES	NA	NA	NO		NO	
SVOCs	Pentachlorophenol	NO			YES	NO	NO	YES	YES	NO	
SVOCs	Phenanthrene	NO			YES	NO	NO	NO		NO	
SVOCs	Phenol	YES	NO	NO	NO			NO		NO	
Pesticides	4,4'-DDD	NO			YES	NO	NO	NO		YES	NO
Pesticides	4,4'-DDE	NO			YES	NO	NO	YES	YES	YES	NO
Pesticides	4,4'-DDT	NO			YES			YES	YES	YES	NO
Pesticides	Alpha-BHC	NO			NO			NO		YES	NO
Pesticides	Alpha-Chlordane	NO			NO			NO		YES	NO
Pesticides	beta-BHC	YES	NO	NO	YES	NO	NO	NO		NO	
Pesticides	Dieldrin	NO			YES	YES	YES	NO		YES	NO
Pesticides	Endosulfan I	NO			NO			NO		YES	NO
Pesticides	Endrin	NO			NO			NO		YES	NO
Pesticides	Endrin Aldehyde	NO			YES	YES	NO	NO		YES	NO
Pesticides	Endrin Ketone	NO			YES	NO	NO	NO		NO	
Pesticides	gamma-Chlordane	NO			YES	NO	NO	NO		YES	NO
Pesticides	Heptachlor	NO			YES	NO	NO	NO		NO	
Pesticides	Heptachlor Epoxide	NO			YES	YES	NO	NO		YES	NO
Pesticides	Methoxychlor	NO			YES	NO	NO	NO		NO	
Herbicides	2,4,5-T	NO			NO			YES	NO	YES	NO
Herbicides	2,4,5-TP (Silvex)	NO			NO			NO		YES	NO
Herbicides	2,4-D	YES	YES	NO	YES	NA	NA	YES	YES	NO	
Herbicides	2,4-DB	NO			NO			YES	YES	NO	
Herbicides	Dalapon	NO			YES	NA	NA	NO		NO	
Herbicides	Dichlorprop	YES	NO	NO	NO			YES	YES	NO	
Herbicides	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	NO			NO			YES	NO	NO	
Herbicides	MCPP	NO			YES	YES	YES	YES	YES	YES	YES
PCBs	Total PCB Homologs	NO			YES	YES	NO	NO		NO	

Table 9-1. Summary of all COPECs identified in various aquatic media and exceedances to appropriate benchmarks.

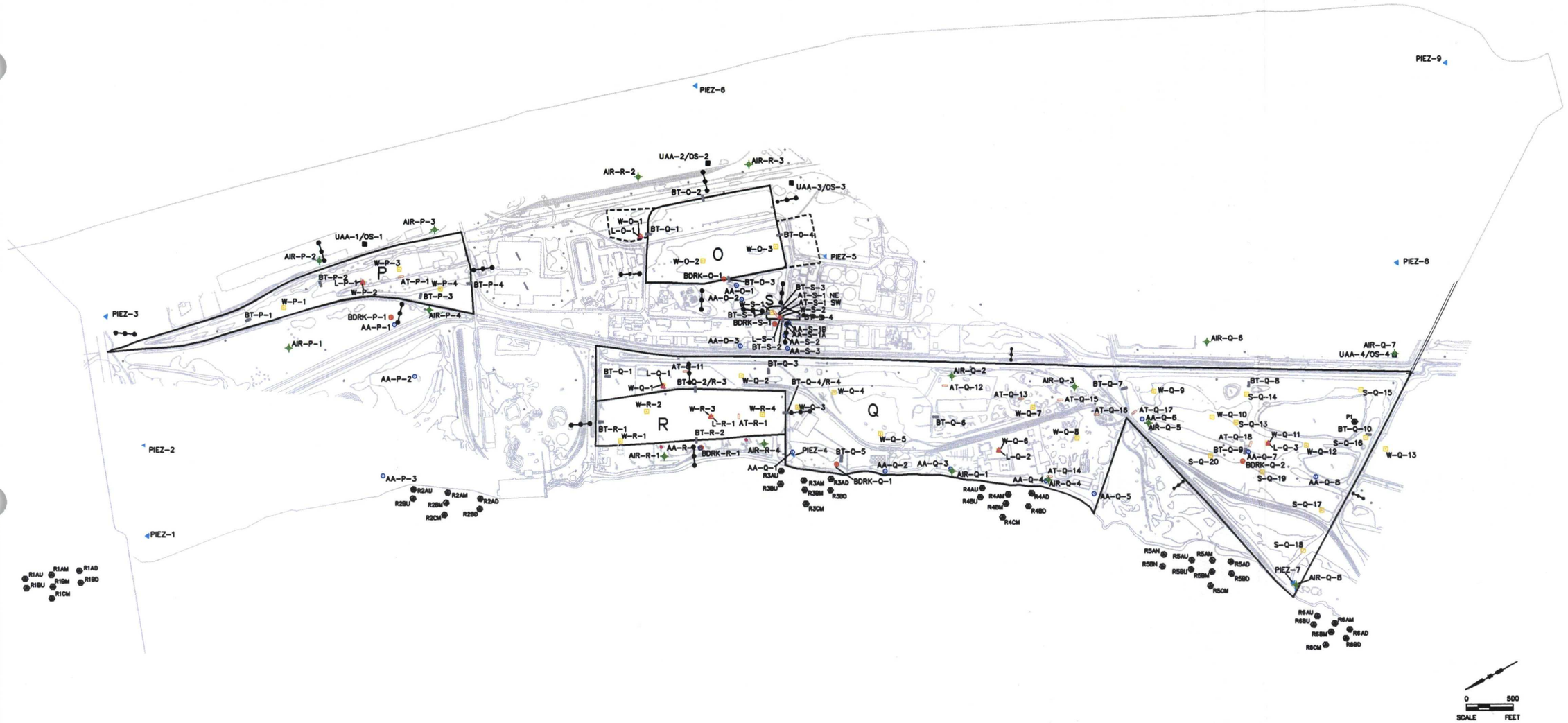
Chemical Class	Analyte	Surface water COPEC			Sediment COPEC			Bioaccm. Test (Clams)		Fish Tissue COPEC	
		COPEC ?	Hazard Quotient > 1		COPEC ?	Hazard Quotient > 1		COPEC ?	Site > Reference and Control	COPEC ?	Hazard Quotient > 1
			Max	Ave		Max	Ave				
Dioxins	1,2,3,4,6,7,8,9-OCDF	NO			NO			NO		YES	NO
Dioxins	1,2,3,4,6,7,8-HCDD	NO			NO			NO		YES	NO
Dioxins	1,2,3,4,7,8-HCDD	NO			NO			NO		YES	NO
Dioxins	1,2,3,4,7,8-HxCDF	NO			NO			NO		YES	NO
Dioxins	1,2,3,6,7,8-HxCDD	NO			NO			NO		YES	NO
Dioxins	1,2,3,7,8-PcCDD	NO			NO			NO		YES	NO
Dioxins	1,2,3,7,8-PeCDF	NO			NO			NO		YES	NO
Dioxins	2,3,4,7,8-PCDF	NO			NO			NO		YES	NO
Dioxins	2,3,7,8-TCDD	NO			NO			NO		YES	NO
Dioxins	2,3,7,8-TCDD (TEQ)	NO			YES	NO	NO	NO		YES	NO
Dioxins	2,3,7,8-TCDF	NO			NO			NO		YES	NO
Dioxins	OCDD	NO			NO			YES	YES	NO	
Dioxins	Total HpCDD	NO			NO			YES	YES	NO	
Dioxins	Total TCDD	NO			NO			YES	YES	NO	
Dioxins	Total TCDF	NO			NO			YES	YES	NO	
Metals	Aluminum (D)	YES	NO	NO	NO			NO		NA	
Metals	Aluminum (T)	YES	YES	YES	YES	NO	NO	YES	NO	NA	
Metals	Arsenic	YES	NO	NO	YES	YES	NO	YES	YES	NA	
Metals	Barium (D)	YES	YES	YES	NO			NO		NA	
Metals	Barium (T)	YES	YES	YES	YES	YES	YES	YES	YES	NA	
Metals	Beryllium	NO			YES	NO	NO	NO		NA	
Metals	Cadmium	NO			YES	YES	NO	YES	YES	NA	
Metals	Calcium (D)	YES	NO	NO	NO			NO		NA	
Metals	Calcium (T)	YES	NO	NO	YES	NO	NO	NO		NA	
Metals	Chromium	NO			YES	NO	NO	YES	YES	NA	
Metals	Cobalt (D)	YES	NO	NO	NO			NO		NA	
Metals	Cobalt (T)	YES	NO	NO	YES	NO	NO	YES	YES	NA	
Metals	Copper	YES	YES	NO	YES	YES	NO	YES	YES	NA	
Metals	Iron (D)	YES	NO	NO	NO			NO		NA	

Table 9-1. Summary of all COPECs identified in various aquatic media and exceedances to appropriate benchmarks.

Chemical Class	Analyte	Surface water COPEC			Sediment COPEC			Bioaccm. Test (Clams)		Fish Tissue COPEC	
		COPEC ?	Hazard Quotient > 1		COPEC ?	Hazard Quotient > 1		COPEC ?	Site > Reference and Control	COPEC ?	Hazard Quotient > 1
			Max	Ave		Max	Ave				
Metals	Iron (T)	YES	YES	YES	YES	NO	NO	YES	YES	NA	
Metals	Lead	YES	NO	NO	YES	YES	NO	YES	YES	NA	
Metals	Magnesium (D)	YES	NO	NO	NO			NO		NA	
Metals	Magnesium (T)	YES	NO	NO	YES	NO	NO	YES	NO	NA	
Metals	Manganese	YES	YES	NO	YES	YES	NO	YES	YES	NA	
Metals	Mercury (D)	YES	NO	NO	NO			NO		NA	
Metals	Mercury (T)	YES	NO	NO	NO			YES	YES	NA	
Metals	Nickel	NO			YES	YES	NO	YES	YES	NA	
Metals	Potassium (D)	YES	NO	NO	NO			NO		NA	
Metals	Potassium (T)	YES	NO	NO	YES	NO	NO	YES	YES	NA	
Metals	Sodium (D)	YES	NO	NO	NO			NO		NA	
Metals	Sodium (T)	YES	NO	NO	YES	NO	NO	YES	YES	NA	
Metals	Vanadium (D)	YES	YES	YES	NO			NO		NA	
Metals	Vanadium (T)	YES	YES	YES	YES	NA	NA	YES	YES	NA	
Metals	Zinc (D)	YES	NO	NO	NO			NO		NA	
Metals	Zinc (T)	YES	NO	NO	YES	YES	NO	YES	YES	NA	

* Shaded areas represent Hazard Quotient values greater than 1 for Surface Water, Sediment, and Fish and Site Concentration greater then Reference and Control values for Clams

FIGURES



LEGEND

- Offsite Soil and Upgradient/Groundwater Sampling Locations
- Site-Related Groundwater Sampling Locations
- Bedrock Monitoring Well
- Piezometer Cluster
- Air Sampling Location
- Boundary Trench Location
- Anomaly Trench Location
- Waste Characterization Boring Location
- Leachate Monitoring Well Location

Note: Data from Area 1 background locations will also be considered as background for Area 2

Revision No.	Description	Date	By	App.

REVISIONS

SAUGET AREA 2
SAUGET ILLINOIS

Figure 3-1
Aquatic Sampling Locations

Date: 3/18/03	Project Number: 1-7305-0000	Scale: AS SHOWN
Source: URS	Checked by:	Sheet Number:

amec EARTH & ENVIRONMENTAL, INC.
285 Davidson Avenue, Suite 100
Somerset, NJ 08873

APPENDICES

Appendix II-A

Results of Grain-Size Analysis of Sediments Collected from Mississippi River near Sauget Area 2 Sites

amec

Appendix II-A
Results of Grain-Size Analysis of Sediments Collected from Mississippi River near Sauget Area 2 Sites

Sample ID	Sample Type	Parent	Sample Date	Lab	SDG (STL-VT)	Sample Mass	Mass Units	Test Method	Reference	Particle Size	Particle Size Units	Soil Classification	Sieve Size	Result	Result Units
R1AD1S	Field Sample		11/20/2002	STL-VT	91064	48.32	g	D422	ASTM	1.4	uM	clay		19.7	Percent Finer
R1AD1S	Field Sample		11/20/2002	STL-VT	91064	48.32	g	D422	ASTM	1.4	uM	clay		3.6	Percent Incremental
R1AD1S	Field Sample		11/20/2002	STL-VT	91064	48.32	g	D422	ASTM	3.2	uM	clay		23.3	Percent Finer
R1AD1S	Field Sample		11/20/2002	STL-VT	91064	48.32	g	D422	ASTM	3.2	uM	clay		3.3	Percent Incremental
R1AD1S	Field Sample		11/20/2002	STL-VT	91064	48.32	g	D422	ASTM	6.4	uM	silt		26.6	Percent Finer
R1AD1S	Field Sample		11/20/2002	STL-VT	91064	48.32	g	D422	ASTM	6.4	uM	silt		3.3	Percent Incremental
R1AD1S	Field Sample		11/20/2002	STL-VT	91064	48.32	g	D422	ASTM	9.3	uM	silt		29.9	Percent Finer
R1AD1S	Field Sample		11/20/2002	STL-VT	91064	48.32	g	D422	ASTM	9.3	uM	silt		3.3	Percent Incremental
R1AD1S	Field Sample		11/20/2002	STL-VT	91064	48.32	g	D422	ASTM	12.8	uM	silt		33.2	Percent Finer
R1AD1S	Field Sample		11/20/2002	STL-VT	91064	48.32	g	D422	ASTM	12.8	uM	silt		13.3	Percent Incremental
R1AD1S	Field Sample		11/20/2002	STL-VT	91064	48.32	g	D422	ASTM	21	uM	silt		46.5	Percent Finer
R1AD1S	Field Sample		11/20/2002	STL-VT	91064	48.32	g	D422	ASTM	21	uM	silt		8.3	Percent Incremental
R1AD1S	Field Sample		11/20/2002	STL-VT	91064	48.32	g	D422	ASTM	33	uM	silt		54.6	Percent Finer
R1AD1S	Field Sample		11/20/2002	STL-VT	91064	48.32	g	D422	ASTM	33	uM	silt		6.9	Percent Incremental
R1AD1S	Field Sample		11/20/2002	STL-VT	91064	48.32	g	D422	ASTM	75	uM	sand	#200	61.8	Percent Finer
R1AD1S	Field Sample		11/20/2002	STL-VT	91064	48.32	g	D422	ASTM	75	uM	sand	#200	22.3	Percent Incremental
R1AD1S	Field Sample		11/20/2002	STL-VT	91064	48.32	g	D422	ASTM	150	uM	sand	#100	84.1	Percent Finer
R1AD1S	Field Sample		11/20/2002	STL-VT	91064	48.32	g	D422	ASTM	150	uM	sand	#100	2.1	Percent Incremental
R1AD1S	Field Sample		11/20/2002	STL-VT	91064	48.32	g	D422	ASTM	180	uM	sand	#80	86.2	Percent Finer
R1AD1S	Field Sample		11/20/2002	STL-VT	91064	48.32	g	D422	ASTM	180	uM	sand	#80	9.8	Percent Incremental
R1AD1S	Field Sample		11/20/2002	STL-VT	91064	48.32	g	D422	ASTM	250	uM	sand	#60	96.1	Percent Finer
R1AD1S	Field Sample		11/20/2002	STL-VT	91064	48.32	g	D422	ASTM	250	uM	sand	#60	3.1	Percent Incremental
R1AD1S	Field Sample		11/20/2002	STL-VT	91064	48.32	g	D422	ASTM	425	uM	sand	#40	99.2	Percent Finer
R1AD1S	Field Sample		11/20/2002	STL-VT	91064	48.32	g	D422	ASTM	425	uM	sand	#40	0.4	Percent Incremental
R1AD1S	Field Sample		11/20/2002	STL-VT	91064	48.32	g	D422	ASTM	850	uM	sand	#20	99.6	Percent Finer
R1AD1S	Field Sample		11/20/2002	STL-VT	91064	48.32	g	D422	ASTM	850	uM	sand	#20	0.3	Percent Incremental
R1AD1S	Field Sample		11/20/2002	STL-VT	91064	48.32	g	D422	ASTM	2000	uM	sand	#10	99.9	Percent Finer
R1AD1S	Field Sample		11/20/2002	STL-VT	91064	48.32	g	D422	ASTM	2000	uM	sand	#10	0.1	Percent Incremental
R1AD1S	Field Sample		11/20/2002	STL-VT	91064	48.32	g	D422	ASTM	4750	uM	gravel	#4	100	Percent Finer
R1AD1S	Field Sample		11/20/2002	STL-VT	91064	48.32	g	D422	ASTM	4750	uM	gravel	#4	0	Percent Incremental
R1AD1S	Field Sample		11/20/2002	STL-VT	91064	48.32	g	D422	ASTM	9500	uM	gravel	3/8 Inch	100	Percent Finer
R1AD1S	Field Sample		11/20/2002	STL-VT	91064	48.32	g	D422	ASTM	9500	uM	gravel	3/8 Inch	0	Percent Incremental
R1AD1S	Field Sample		11/20/2002	STL-VT	91064	48.32	g	D422	ASTM	19000	uM	gravel	3/4 Inch	100	Percent Finer
R1AD1S	Field Sample		11/20/2002	STL-VT	91064	48.32	g	D422	ASTM	19000	uM	gravel	3/4 Inch	0	Percent Incremental
R1AD1S	Field Sample		11/20/2002	STL-VT	91064	48.32	g	D422	ASTM	25000	uM	gravel	1 Inch	100	Percent Finer
R1AD1S	Field Sample		11/20/2002	STL-VT	91064	48.32	g	D422	ASTM	25000	uM	gravel	1 Inch	0	Percent Incremental
R1AD1S	Field Sample		11/20/2002	STL-VT	91064	48.32	g	D422	ASTM	37500	uM	gravel	1.5 Inch	100	Percent Finer
R1AD1S	Field Sample		11/20/2002	STL-VT	91064	48.32	g	D422	ASTM	37500	uM	gravel	1.5 Inch	0	Percent Incremental
R1AD1S	Field Sample		11/20/2002	STL-VT	91064	48.32	g	D422	ASTM	50000	uM	gravel	2 Inch	100	Percent Finer
R1AD1S	Field Sample		11/20/2002	STL-VT	91064	48.32	g	D422	ASTM	50000	uM	gravel	2 Inch	0	Percent Incremental
R1AD1S	Field Sample		11/20/2002	STL-VT	91064	48.32	g	D422	ASTM	75000	uM	gravel	3 Inch	100	Percent Finer
R1AD1S	Field Sample		11/20/2002	STL-VT	91064	48.32	g	D422	ASTM	75000	uM	gravel	3 Inch	0	Percent Incremental
R1AM1S	Field Sample		11/20/2002	STL-VT	91064	153.7	g	D422	ASTM	1.4	uM	clay		2.5	Percent Finer
R1AM1S	Field Sample		11/20/2002	STL-VT	91064	153.7	g	D422	ASTM	1.4	uM	clay		0.1	Percent Incremental
R1AM1S	Field Sample		11/20/2002	STL-VT	91064	153.7	g	D422	ASTM	3.4	uM	clay		2.6	Percent Finer
R1AM1S	Field Sample		11/20/2002	STL-VT	91064	153.7	g	D422	ASTM	3.4	uM	clay		1	Percent Incremental
R1AM1S	Field Sample		11/20/2002	STL-VT	91064	153.7	g	D422	ASTM	6.9	uM	silt		3.7	Percent Finer
R1AM1S	Field Sample		11/20/2002	STL-VT	91064	153.7	g	D422	ASTM	6.9	uM	silt		0.5	Percent Incremental
R1AM1S	Field Sample		11/20/2002	STL-VT	91064	153.7	g	D422	ASTM	9.7	uM	silt		4.2	Percent Finer
R1AM1S	Field Sample		11/20/2002	STL-VT	91064	153.7	g	D422	ASTM	9.7	uM	silt		1	Percent Incremental
R1AM1S	Field Sample		11/20/2002	STL-VT	91064	153.7	g	D422	ASTM	13.4	uM	silt		5.2	Percent Finer
R1AM1S	Field Sample		11/20/2002	STL-VT	91064	153.7	g	D422	ASTM	13.4	uM	silt		0.5	Percent Incremental
R1AM1S	Field Sample		11/20/2002	STL-VT	91064	153.7	g	D422	ASTM	23	uM	silt		5.7	Percent Finer
R1AM1S	Field Sample		11/20/2002	STL-VT	91064	153.7	g	D422	ASTM	23	uM	silt		1.6	Percent Incremental
R1AM1S	Field Sample		11/20/2002	STL-VT	91064	153.7	g	D422	ASTM	35	uM	silt		7.3	Percent Finer
R1AM1S	Field Sample		11/20/2002	STL-VT	91064	153.7	g	D422	ASTM	35	uM	silt		9	Percent Incremental
R1AM1S	Field Sample		11/20/2002	STL-VT	91064	153.7	g	D422	ASTM	75	uM	sand	#200	16.3	Percent Finer
R1AM1S	Field Sample		11/20/2002	STL-VT	91064	153.7	g	D422	ASTM	75	uM	sand	#200	28.7	Percent Incremental
R1AM1S	Field Sample		11/20/2002	STL-VT	91064	153.7	g	D422	ASTM	150	uM	sand	#100	45.1	Percent Finer
R1AM1S	Field Sample		11/20/2002	STL-VT	91064	153.7	g	D422	ASTM	150	uM	sand	#100	8.2	Percent Incremental
R1AM1S	Field Sample		11/20/2002	STL-VT	91064	153.7	g	D422	ASTM	180	uM	sand	#80	53.2	Percent Finer
R1AM1S	Field Sample		11/20/2002	STL-VT	91064	153.7	g	D422	ASTM	180	uM	sand	#80	31.8	Percent Incremental
R1AM1S	Field Sample		11/20/2002	STL-VT	91064	153.7	g	D422	ASTM	250	uM	sand	#60	85	Percent Finer
R1AM1S	Field Sample		11/20/2002	STL-VT	91064	153.7	g	D422	ASTM	250	uM	sand	#60	14.4	Percent Incremental
R1AM1S	Field Sample		11/20/2002	STL-VT	91064	153.7	g	D422	ASTM	425	uM	sand	#40	99.5	Percent Finer
R1AM1S	Field Sample		11/20/2002	STL-VT	91064	153.7	g	D422	ASTM	425	uM	sand	#40	0.4	Percent Incremental
R1AM1S	Field Sample		11/20/2002	STL-VT	91064	153.7	g	D422	ASTM	850	uM	sand	#20	99.9	Percent Finer
R1AM1S	Field Sample		11/20/2002	STL-VT	91064	153.7	g	D422	ASTM	850	uM	sand	#20	0	Percent Incremental
R1AM1S	Field Sample		11/20/2002	STL-VT	91064	153.7	g	D422	ASTM	2000	uM	sand	#10	99.9	Percent Finer
R1AM1S	Field Sample		11/20/2002	STL-VT	91064	153.7	g	D422	ASTM	2000	uM	sand	#10	0.1	Percent Incremental
R1AM1S	Field Sample		11/20/2002	STL-VT	91064	153.7	g	D422	ASTM	4750	uM	gravel	#4	100	Percent Finer
R1AM1S	Field Sample		11/20/2002	STL-VT	91064	153.7	g	D422	ASTM	4750	uM	gravel	#4	0	Percent Incremental
R1AM1S	Field Sample		11/20/2002	STL-VT	91064	153.7	g	D422	ASTM	9500	uM	gravel	3/8 Inch	100	Percent Finer
R1AM1S	Field Sample		11/20/2002	STL-VT	91064	153.7	g	D422	ASTM	9500	uM	gravel	3/8 Inch	0	Percent Incremental
R1AM1S	Field Sample		11/20/2002	STL-VT	91064	153.7	g	D422	ASTM	19000	uM	gravel	3/4 Inch	100	Percent Finer
R1AM1S	Field Sample		11/20/2002	STL-VT	91064	153.7	g	D422	ASTM	19000	uM	gravel	3/4 Inch	0	Percent Incremental
R1AM1S	Field Sample		11/20/2002	STL-VT	91064	153.7	g	D422	ASTM	25000	uM	gravel	1 Inch	100	Percent Finer
R1AM1S	Field Sample		11/20/2002	STL-VT	91064	153.7	g	D422	ASTM	25000	uM	gravel	1 Inch	0	Percent Incremental

Appendix II-A

Results of Grain-Size Analysis of Sediments Collected from Mississippi River near Seaport Area 2 Sites

Sample ID	Sample Type	Parent	Sample Date	Lab	[illegible]	Sample Mass	Size Unit	Test Method	Reference	Particle Size	Particle Size Units	Soil Classification	Sieve Size	Result	Result Units
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	[illegible]	ml	gravel	1.5 inch	[illegible]	Percent Finer
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	[illegible]	ml	gravel	1.5 inch	[illegible]	Percent Incremental
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	[illegible]	ml	gravel	2 inch	[illegible]	Percent Finer
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	[illegible]	ml	gravel	2 inch	[illegible]	Percent Incremental
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	[illegible]	ml	gravel	3 inch	[illegible]	Percent Finer
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	[illegible]	ml	gravel	3 inch	[illegible]	Percent Incremental
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	1.4	ml	clay		[illegible]	Percent Finer
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	1.4	ml	clay		[illegible]	Percent Incremental
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	3.5	ml	clay		[illegible]	Percent Finer
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	3.5	ml	clay		[illegible]	Percent Incremental
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	7	ml	silt		[illegible]	Percent Finer
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	7	ml	silt		[illegible]	Percent Incremental
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	17	ml	silt		[illegible]	Percent Finer
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	17	ml	silt		[illegible]	Percent Incremental
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	13.5	ml	silt		[illegible]	Percent Finer
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	13.5	ml	silt		[illegible]	Percent Incremental
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	31	ml	silt		[illegible]	Percent Finer
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	31	ml	silt		[illegible]	Percent Incremental
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	35	ml	silt		[illegible]	Percent Finer
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	35	ml	silt		[illegible]	Percent Incremental
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	75	ml	sand	[illegible]	[illegible]	Percent Finer
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	75	ml	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	150	ml	sand	[illegible]	[illegible]	Percent Finer
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	150	ml	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	150	ml	sand	[illegible]	[illegible]	Percent Finer
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	150	ml	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	250	ml	sand	[illegible]	[illegible]	Percent Finer
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	250	ml	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	425	ml	sand	[illegible]	[illegible]	Percent Finer
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	425	ml	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	600	ml	sand	[illegible]	[illegible]	Percent Finer
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	600	ml	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	2000	ml	sand	[illegible]	[illegible]	Percent Finer
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	2000	ml	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	4750	ml	gravel	#4	[illegible]	Percent Finer
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	4750	ml	gravel	#4	[illegible]	Percent Incremental
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	[illegible]	ml	gravel	3/8 inch	[illegible]	Percent Finer
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	[illegible]	ml	gravel	3/8 inch	[illegible]	Percent Incremental
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	[illegible]	ml	gravel	3/4 inch	[illegible]	Percent Finer
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	[illegible]	ml	gravel	3/4 inch	[illegible]	Percent Incremental
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	[illegible]	ml	gravel	1 inch	[illegible]	Percent Finer
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	[illegible]	ml	gravel	1 inch	[illegible]	Percent Incremental
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	[illegible]	ml	gravel	1.5 inch	[illegible]	Percent Finer
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	[illegible]	ml	gravel	1.5 inch	[illegible]	Percent Incremental
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	[illegible]	ml	gravel	2 inch	[illegible]	Percent Finer
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	[illegible]	ml	gravel	2 inch	[illegible]	Percent Incremental
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	[illegible]	ml	gravel	3 inch	[illegible]	Percent Finer
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	[illegible]	ml	gravel	3 inch	[illegible]	Percent Incremental
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	1.4	ml	clay		[illegible]	Percent Finer
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	1.4	ml	clay		[illegible]	Percent Incremental
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	3.5	ml	clay		[illegible]	Percent Finer
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	3.5	ml	clay		[illegible]	Percent Incremental
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	6.5	ml	silt		[illegible]	Percent Finer
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	6.5	ml	silt		[illegible]	Percent Incremental
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	9.5	ml	silt		[illegible]	Percent Finer
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	9.5	ml	silt		[illegible]	Percent Incremental
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	13.5	ml	silt		[illegible]	Percent Finer
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	13.5	ml	silt		[illegible]	Percent Incremental
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	20	ml	silt		[illegible]	Percent Finer
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	20	ml	silt		[illegible]	Percent Incremental
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	37	ml	silt		[illegible]	Percent Finer
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	37	ml	silt		[illegible]	Percent Incremental
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	75	ml	sand	[illegible]	[illegible]	Percent Finer
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	75	ml	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	150	ml	sand	[illegible]	[illegible]	Percent Finer
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	150	ml	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	150	ml	sand	[illegible]	[illegible]	Percent Finer
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	150	ml	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	250	ml	sand	[illegible]	[illegible]	Percent Finer
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	250	ml	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	425	ml	sand	[illegible]	[illegible]	Percent Finer
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	425	ml	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	600	ml	sand	[illegible]	[illegible]	Percent Finer
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	600	ml	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	2000	ml	sand	[illegible]	[illegible]	Percent Finer
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	2000	ml	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	4750	ml	gravel	#4	[illegible]	Percent Finer
[illegible]	Rinsate		[illegible]	[illegible]	[illegible]	[illegible]	g	[illegible]	ASTM	4750	ml	gravel	#4	[illegible]	Percent Incremental

Appendix II-A
Results of Grain-Size Analysis of Sediments Collected from Mississippi River near Sauget Area 2 Sites

Sample ID	Sample Type	Parent	Sample Date	Lab	SDG (STL-VT)	Sample Mass	Mass Units	Test Method	Reference	Particle Size	Particle Size Units	Soil Classification	Sieve Size	Result	Result Units
R1BD1S	Field Sample		11/20/2002	STL-VT	91064	155.24	g	D422	ASTM	9500	uM	gravel	3/8 inch	100	Percent Finer
R1BD1S	Field Sample		11/20/2002	STL-VT	91064	155.24	g	D422	ASTM	9500	uM	gravel	3/8 inch	0	Percent Incremental
R1BD1S	Field Sample		11/20/2002	STL-VT	91064	155.24	g	D422	ASTM	19000	uM	gravel	3/4 inch	100	Percent Finer
R1BD1S	Field Sample		11/20/2002	STL-VT	91064	155.24	g	D422	ASTM	19000	uM	gravel	3/4 inch	0	Percent Incremental
R1BD1S	Field Sample		11/20/2002	STL-VT	91064	155.24	g	D422	ASTM	25000	uM	gravel	1 inch	100	Percent Finer
R1BD1S	Field Sample		11/20/2002	STL-VT	91064	155.24	g	D422	ASTM	25000	uM	gravel	1 inch	0	Percent Incremental
R1BD1S	Field Sample		11/20/2002	STL-VT	91064	155.24	g	D422	ASTM	37500	uM	gravel	1.5 inch	100	Percent Finer
R1BD1S	Field Sample		11/20/2002	STL-VT	91064	155.24	g	D422	ASTM	37500	uM	gravel	1.5 inch	0	Percent Incremental
R1BD1S	Field Sample		11/20/2002	STL-VT	91064	155.24	g	D422	ASTM	50000	uM	gravel	2 inch	100	Percent Finer
R1BD1S	Field Sample		11/20/2002	STL-VT	91064	155.24	g	D422	ASTM	50000	uM	gravel	2 inch	0	Percent Incremental
R1BD1S	Field Sample		11/20/2002	STL-VT	91064	155.24	g	D422	ASTM	75000	uM	gravel	3 inch	100	Percent Finer
R1BD1S	Field Sample		11/20/2002	STL-VT	91064	155.24	g	D422	ASTM	75000	uM	gravel	3 inch	0	Percent Incremental
R1BM1S	Field Sample		11/20/2002	STL-VT	91064	276	g	D422	ASTM	1.4	uM	clay		0	Percent Finer
R1BM1S	Field Sample		11/20/2002	STL-VT	91064	276	g	D422	ASTM	1.4	uM	clay		0	Percent Incremental
R1BM1S	Field Sample		11/20/2002	STL-VT	91064	276	g	D422	ASTM	3.3	uM	clay		0	Percent Finer
R1BM1S	Field Sample		11/20/2002	STL-VT	91064	276	g	D422	ASTM	3.3	uM	clay		0	Percent Incremental
R1BM1S	Field Sample		11/20/2002	STL-VT	91064	276	g	D422	ASTM	7.1	uM	silt		0	Percent Finer
R1BM1S	Field Sample		11/20/2002	STL-VT	91064	276	g	D422	ASTM	7.1	uM	silt		0	Percent Incremental
R1BM1S	Field Sample		11/20/2002	STL-VT	91064	276	g	D422	ASTM	9.7	uM	silt		0	Percent Finer
R1BM1S	Field Sample		11/20/2002	STL-VT	91064	276	g	D422	ASTM	9.7	uM	silt		0	Percent Incremental
R1BM1S	Field Sample		11/20/2002	STL-VT	91064	276	g	D422	ASTM	14	uM	silt		0	Percent Finer
R1BM1S	Field Sample		11/20/2002	STL-VT	91064	276	g	D422	ASTM	14	uM	silt		0	Percent Incremental
R1BM1S	Field Sample		11/20/2002	STL-VT	91064	276	g	D422	ASTM	24	uM	silt		0	Percent Finer
R1BM1S	Field Sample		11/20/2002	STL-VT	91064	276	g	D422	ASTM	24	uM	silt		0.3	Percent Incremental
R1BM1S	Field Sample		11/20/2002	STL-VT	91064	276	g	D422	ASTM	38	uM	silt		0.3	Percent Finer
R1BM1S	Field Sample		11/20/2002	STL-VT	91064	276	g	D422	ASTM	38	uM	silt		0	Percent Incremental
R1BM1S	Field Sample		11/20/2002	STL-VT	91064	276	g	D422	ASTM	75	uM	sand	#200	0.3	Percent Finer
R1BM1S	Field Sample		11/20/2002	STL-VT	91064	276	g	D422	ASTM	75	uM	sand	#200	0.1	Percent Incremental
R1BM1S	Field Sample		11/20/2002	STL-VT	91064	276	g	D422	ASTM	150	uM	sand	#100	0.4	Percent Finer
R1BM1S	Field Sample		11/20/2002	STL-VT	91064	276	g	D422	ASTM	150	uM	sand	#100	0.1	Percent Incremental
R1BM1S	Field Sample		11/20/2002	STL-VT	91064	276	g	D422	ASTM	180	uM	sand	#60	0.5	Percent Finer
R1BM1S	Field Sample		11/20/2002	STL-VT	91064	276	g	D422	ASTM	180	uM	sand	#60	0.4	Percent Incremental
R1BM1S	Field Sample		11/20/2002	STL-VT	91064	276	g	D422	ASTM	250	uM	sand	#60	0.9	Percent Finer
R1BM1S	Field Sample		11/20/2002	STL-VT	91064	276	g	D422	ASTM	250	uM	sand	#60	0.7	Percent Incremental
R1BM1S	Field Sample		11/20/2002	STL-VT	91064	276	g	D422	ASTM	425	uM	sand	#40	1.6	Percent Finer
R1BM1S	Field Sample		11/20/2002	STL-VT	91064	276	g	D422	ASTM	425	uM	sand	#40	30.4	Percent Incremental
R1BM1S	Field Sample		11/20/2002	STL-VT	91064	276	g	D422	ASTM	850	uM	sand	#20	31.9	Percent Finer
R1BM1S	Field Sample		11/20/2002	STL-VT	91064	276	g	D422	ASTM	850	uM	sand	#20	49.4	Percent Incremental
R1BM1S	Field Sample		11/20/2002	STL-VT	91064	276	g	D422	ASTM	2000	uM	sand	#10	81.3	Percent Finer
R1BM1S	Field Sample		11/20/2002	STL-VT	91064	276	g	D422	ASTM	2000	uM	sand	#10	16.3	Percent Incremental
R1BM1S	Field Sample		11/20/2002	STL-VT	91064	276	g	D422	ASTM	4750	uM	gravel	#4	97.6	Percent Finer
R1BM1S	Field Sample		11/20/2002	STL-VT	91064	276	g	D422	ASTM	4750	uM	gravel	#4	2.4	Percent Incremental
R1BM1S	Field Sample		11/20/2002	STL-VT	91064	276	g	D422	ASTM	9500	uM	gravel	3/8 inch	100	Percent Finer
R1BM1S	Field Sample		11/20/2002	STL-VT	91064	276	g	D422	ASTM	9500	uM	gravel	3/8 inch	0	Percent Incremental
R1BM1S	Field Sample		11/20/2002	STL-VT	91064	276	g	D422	ASTM	19000	uM	gravel	3/4 inch	100	Percent Finer
R1BM1S	Field Sample		11/20/2002	STL-VT	91064	276	g	D422	ASTM	19000	uM	gravel	3/4 inch	0	Percent Incremental
R1BM1S	Field Sample		11/20/2002	STL-VT	91064	276	g	D422	ASTM	25000	uM	gravel	1 inch	100	Percent Finer
R1BM1S	Field Sample		11/20/2002	STL-VT	91064	276	g	D422	ASTM	25000	uM	gravel	1 inch	0	Percent Incremental
R1BM1S	Field Sample		11/20/2002	STL-VT	91064	276	g	D422	ASTM	37500	uM	gravel	1.5 inch	100	Percent Finer
R1BM1S	Field Sample		11/20/2002	STL-VT	91064	276	g	D422	ASTM	37500	uM	gravel	1.5 inch	0	Percent Incremental
R1BM1S	Field Sample		11/20/2002	STL-VT	91064	276	g	D422	ASTM	50000	uM	gravel	2 inch	100	Percent Finer
R1BM1S	Field Sample		11/20/2002	STL-VT	91064	276	g	D422	ASTM	50000	uM	gravel	2 inch	0	Percent Incremental
R1BM1S	Field Sample		11/20/2002	STL-VT	91064	276	g	D422	ASTM	75000	uM	gravel	3 inch	100	Percent Finer
R1BM1S	Field Sample		11/20/2002	STL-VT	91064	276	g	D422	ASTM	75000	uM	gravel	3 inch	0	Percent Incremental
R1BM2S	Field Duplicate	R1BM1S	11/20/2002	STL-VT	91064	290.67	g	D422	ASTM	1.4	uM	clay		0.2	Percent Finer
R1BM2S	Field Duplicate	R1BM1S	11/20/2002	STL-VT	91064	290.67	g	D422	ASTM	1.4	uM	clay		0	Percent Incremental
R1BM2S	Field Duplicate	R1BM1S	11/20/2002	STL-VT	91064	290.67	g	D422	ASTM	3.4	uM	clay		0.3	Percent Finer
R1BM2S	Field Duplicate	R1BM1S	11/20/2002	STL-VT	91064	290.67	g	D422	ASTM	3.4	uM	clay		0	Percent Incremental
R1BM2S	Field Duplicate	R1BM1S	11/20/2002	STL-VT	91064	290.67	g	D422	ASTM	7	uM	silt		0.3	Percent Finer
R1BM2S	Field Duplicate	R1BM1S	11/20/2002	STL-VT	91064	290.67	g	D422	ASTM	7	uM	silt		0	Percent Incremental
R1BM2S	Field Duplicate	R1BM1S	11/20/2002	STL-VT	91064	290.67	g	D422	ASTM	9.5	uM	silt		0.3	Percent Finer
R1BM2S	Field Duplicate	R1BM1S	11/20/2002	STL-VT	91064	290.67	g	D422	ASTM	9.5	uM	silt		0.3	Percent Incremental
R1BM2S	Field Duplicate	R1BM1S	11/20/2002	STL-VT	91064	290.67	g	D422	ASTM	13.9	uM	silt		0.6	Percent Finer
R1BM2S	Field Duplicate	R1BM1S	11/20/2002	STL-VT	91064	290.67	g	D422	ASTM	13.9	uM	silt		0	Percent Incremental
R1BM2S	Field Duplicate	R1BM1S	11/20/2002	STL-VT	91064	290.67	g	D422	ASTM	24	uM	silt		0.6	Percent Finer
R1BM2S	Field Duplicate	R1BM1S	11/20/2002	STL-VT	91064	290.67	g	D422	ASTM	24	uM	silt		0	Percent Incremental
R1BM2S	Field Duplicate	R1BM1S	11/20/2002	STL-VT	91064	290.67	g	D422	ASTM	38	uM	silt		0.6	Percent Finer
R1BM2S	Field Duplicate	R1BM1S	11/20/2002	STL-VT	91064	290.67	g	D422	ASTM	38	uM	silt		0.7	Percent Incremental
R1BM2S	Field Duplicate	R1BM1S	11/20/2002	STL-VT	91064	290.67	g	D422	ASTM	75	uM	sand	#200	1.3	Percent Finer
R1BM2S	Field Duplicate	R1BM1S	11/20/2002	STL-VT	91064	290.67	g	D422	ASTM	75	uM	sand	#200	0.1	Percent Incremental
R1BM2S	Field Duplicate	R1BM1S	11/20/2002	STL-VT	91064	290.67	g	D422	ASTM	150	uM	sand	#100	1.3	Percent Finer
R1BM2S	Field Duplicate	R1BM1S	11/20/2002	STL-VT	91064	290.67	g	D422	ASTM	150	uM	sand	#100	0	Percent Incremental
R1BM2S	Field Duplicate	R1BM1S	11/20/2002	STL-VT	91064	290.67	g	D422	ASTM	180	uM	sand	#60	1.4	Percent Finer
R1BM2S	Field Duplicate	R1BM1S	11/20/2002	STL-VT	91064	290.67	g	D422	ASTM	180	uM	sand	#60	0.3	Percent Incremental
R1BM2S	Field Duplicate	R1BM1S	11/20/2002	STL-VT	91064	290.67	g	D422	ASTM	250	uM	sand	#60	1.7	Percent Finer
R1BM2S	Field Duplicate	R1BM1S	11/20/2002	STL-VT	91064	290.67	g	D422	ASTM	250	uM	sand	#60	0.6	Percent Incremental
R1BM2S	Field Duplicate	R1BM1S	11/20/2002	STL-VT	91064	290.67	g	D422	ASTM	425	uM	sand	#40	2.2	Percent Finer
R1BM2S	Field Duplicate	R1BM1S	11/20/2002	STL-VT	91064	290.67	g	D422	ASTM	425	uM	sand	#40	30.2	Percent Incremental

Results of Grain-Size Analysis of Sediments Collected from Mississippi River near Sauget Area 2 Sites

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	32.4	Percent Finer
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	#4	[illegible]	Percent Finer
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	#4	[illegible]	Percent Incremental
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	Percent Incremental
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	Percent Incremental
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1 inch	[illegible]	Percent Finer
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1 inch	0	Percent Incremental
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.5 inch	[illegible]	Percent Finer
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.5 inch	0	Percent Incremental
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2 inch	[illegible]	Percent Finer
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2 inch	0	Percent Incremental
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3 inch	[illegible]	Percent Finer
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3 inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.4	[illegible]	clay		[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.4	[illegible]	clay		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.3	[illegible]	clay		1.4	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.3	[illegible]	clay		0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6.6	[illegible]	[illegible]		1.4	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6.6	[illegible]	[illegible]		0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		1.4	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		1.4	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		1.4	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	37	[illegible]	[illegible]		1.4	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	37	[illegible]	[illegible]		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75	[illegible]	[illegible]	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75	[illegible]	[illegible]	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.4	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.3	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.3	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67.3	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	#4	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	#4	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1 inch	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1 inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.5 inch	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.5 inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2 inch	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2 inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3 inch	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3 inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.4	[illegible]	clay		0	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.4	[illegible]	clay		0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.5	[illegible]	clay		0	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.5	[illegible]	clay		0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7	[illegible]	[illegible]		0	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7	[illegible]	[illegible]		0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9.7	[illegible]	[illegible]		0	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9.7	[illegible]	[illegible]		0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	14	[illegible]	[illegible]		0	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	14	[illegible]	[illegible]		0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		0	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		0	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75	[illegible]	[illegible]	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75	[illegible]	[illegible]	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Percent Incremental

Appendix II-A
Results of Grain-Size Analysis of Sediments Collected from Mississippi River near Sauget Area 2 Sites

Sample ID	Sample Type	Parent	Sample Date	Lab	SDG (STL-VT)	Sample Mass	Mass Units	Test Method	Reference	Particle Size	Particle Size Units	Soil Classification	Sieve Size	Result	Result Units
R1CM1S	Field Sample		11/20/2002	STL-VT	91064	275.79	g	D422	ASTM	180	uM	sand	#80	3.2	Percent Finer
R1CM1S	Field Sample		11/20/2002	STL-VT	91064	275.79	g	D422	ASTM	180	uM	sand	#80	1.2	Percent Incremental
R1CM1S	Field Sample		11/20/2002	STL-VT	91064	275.79	g	D422	ASTM	250	uM	sand	#60	4.3	Percent Finer
R1CM1S	Field Sample		11/20/2002	STL-VT	91064	275.79	g	D422	ASTM	250	uM	sand	#60	1.1	Percent Incremental
R1CM1S	Field Sample		11/20/2002	STL-VT	91064	275.79	g	D422	ASTM	425	uM	sand	#40	12.5	Percent Finer
R1CM1S	Field Sample		11/20/2002	STL-VT	91064	275.79	g	D422	ASTM	425	uM	sand	#40	46.6	Percent Incremental
R1CM1S	Field Sample		11/20/2002	STL-VT	91064	275.79	g	D422	ASTM	850	uM	sand	#20	59.1	Percent Finer
R1CM1S	Field Sample		11/20/2002	STL-VT	91064	275.79	g	D422	ASTM	850	uM	sand	#20	31.7	Percent Incremental
R1CM1S	Field Sample		11/20/2002	STL-VT	91064	275.79	g	D422	ASTM	2000	uM	sand	#10	90.8	Percent Finer
R1CM1S	Field Sample		11/20/2002	STL-VT	91064	275.79	g	D422	ASTM	2000	uM	sand	#10	6.8	Percent Incremental
R1CM1S	Field Sample		11/20/2002	STL-VT	91064	275.79	g	D422	ASTM	4750	uM	gravel	#4	97.6	Percent Finer
R1CM1S	Field Sample		11/20/2002	STL-VT	91064	275.79	g	D422	ASTM	4750	uM	gravel	#4	2.4	Percent Incremental
R1CM1S	Field Sample		11/20/2002	STL-VT	91064	275.79	g	D422	ASTM	9500	uM	gravel	3/8 inch	100	Percent Finer
R1CM1S	Field Sample		11/20/2002	STL-VT	91064	275.79	g	D422	ASTM	9500	uM	gravel	3/8 inch	0	Percent Incremental
R1CM1S	Field Sample		11/20/2002	STL-VT	91064	275.79	g	D422	ASTM	19000	uM	gravel	3/4 inch	100	Percent Finer
R1CM1S	Field Sample		11/20/2002	STL-VT	91064	275.79	g	D422	ASTM	19000	uM	gravel	3/4 inch	0	Percent Incremental
R1CM1S	Field Sample		11/20/2002	STL-VT	91064	275.79	g	D422	ASTM	25000	uM	gravel	1 inch	100	Percent Finer
R1CM1S	Field Sample		11/20/2002	STL-VT	91064	275.79	g	D422	ASTM	25000	uM	gravel	1 inch	0	Percent Incremental
R1CM1S	Field Sample		11/20/2002	STL-VT	91064	275.79	g	D422	ASTM	37500	uM	gravel	1.5 inch	100	Percent Finer
R1CM1S	Field Sample		11/20/2002	STL-VT	91064	275.79	g	D422	ASTM	37500	uM	gravel	1.5 inch	0	Percent Incremental
R1CM1S	Field Sample		11/20/2002	STL-VT	91064	275.79	g	D422	ASTM	50000	uM	gravel	2 inch	100	Percent Finer
R1CM1S	Field Sample		11/20/2002	STL-VT	91064	275.79	g	D422	ASTM	50000	uM	gravel	2 inch	0	Percent Incremental
R1CM1S	Field Sample		11/20/2002	STL-VT	91064	275.79	g	D422	ASTM	75000	uM	gravel	3 inch	100	Percent Finer
R1CM1S	Field Sample		11/20/2002	STL-VT	91064	275.79	g	D422	ASTM	75000	uM	gravel	3 inch	0	Percent Incremental
R2AD1S	Field Sample		11/15/2002	STL-VT	91001	106.17	g	D422	ASTM	1.3	uM	clay		11.5	Percent Finer
R2AD1S	Field Sample		11/15/2002	STL-VT	91001	106.17	g	D422	ASTM	1.3	uM	clay		2.3	Percent Incremental
R2AD1S	Field Sample		11/15/2002	STL-VT	91001	106.17	g	D422	ASTM	3.1	uM	clay		13.7	Percent Finer
R2AD1S	Field Sample		11/15/2002	STL-VT	91001	106.17	g	D422	ASTM	3.1	uM	clay		2.3	Percent Incremental
R2AD1S	Field Sample		11/15/2002	STL-VT	91001	106.17	g	D422	ASTM	6.3	uM	silt		16	Percent Finer
R2AD1S	Field Sample		11/15/2002	STL-VT	91001	106.17	g	D422	ASTM	6.3	uM	silt		1.5	Percent Incremental
R2AD1S	Field Sample		11/15/2002	STL-VT	91001	106.17	g	D422	ASTM	8.8	uM	silt		17.5	Percent Finer
R2AD1S	Field Sample		11/15/2002	STL-VT	91001	106.17	g	D422	ASTM	8.8	uM	silt		1.5	Percent Incremental
R2AD1S	Field Sample		11/15/2002	STL-VT	91001	106.17	g	D422	ASTM	12.3	uM	silt		19	Percent Finer
R2AD1S	Field Sample		11/15/2002	STL-VT	91001	106.17	g	D422	ASTM	12.3	uM	silt		6.8	Percent Incremental
R2AD1S	Field Sample		11/15/2002	STL-VT	91001	106.17	g	D422	ASTM	20	uM	silt		25.8	Percent Finer
R2AD1S	Field Sample		11/15/2002	STL-VT	91001	106.17	g	D422	ASTM	20	uM	silt		4.5	Percent Incremental
R2AD1S	Field Sample		11/15/2002	STL-VT	91001	106.17	g	D422	ASTM	31	uM	silt		30.4	Percent Finer
R2AD1S	Field Sample		11/15/2002	STL-VT	91001	106.17	g	D422	ASTM	31	uM	silt		0.6	Percent Incremental
R2AD1S	Field Sample		11/15/2002	STL-VT	91001	106.17	g	D422	ASTM	75	uM	sand	#200	31	Percent Finer
R2AD1S	Field Sample		11/15/2002	STL-VT	91001	106.17	g	D422	ASTM	75	uM	sand	#200	22.2	Percent Incremental
R2AD1S	Field Sample		11/15/2002	STL-VT	91001	106.17	g	D422	ASTM	150	uM	sand	#100	53.1	Percent Finer
R2AD1S	Field Sample		11/15/2002	STL-VT	91001	106.17	g	D422	ASTM	150	uM	sand	#100	2.2	Percent Incremental
R2AD1S	Field Sample		11/15/2002	STL-VT	91001	106.17	g	D422	ASTM	180	uM	sand	#80	55.3	Percent Finer
R2AD1S	Field Sample		11/15/2002	STL-VT	91001	106.17	g	D422	ASTM	180	uM	sand	#80	5	Percent Incremental
R2AD1S	Field Sample		11/15/2002	STL-VT	91001	106.17	g	D422	ASTM	250	uM	sand	#60	60.3	Percent Finer
R2AD1S	Field Sample		11/15/2002	STL-VT	91001	106.17	g	D422	ASTM	250	uM	sand	#60	0.9	Percent Incremental
R2AD1S	Field Sample		11/15/2002	STL-VT	91001	106.17	g	D422	ASTM	425	uM	sand	#40	61.2	Percent Finer
R2AD1S	Field Sample		11/15/2002	STL-VT	91001	106.17	g	D422	ASTM	425	uM	sand	#40	0.2	Percent Incremental
R2AD1S	Field Sample		11/15/2002	STL-VT	91001	106.17	g	D422	ASTM	850	uM	sand	#20	61.5	Percent Finer
R2AD1S	Field Sample		11/15/2002	STL-VT	91001	106.17	g	D422	ASTM	850	uM	sand	#20	0.2	Percent Incremental
R2AD1S	Field Sample		11/15/2002	STL-VT	91001	106.17	g	D422	ASTM	2000	uM	sand	#10	61.6	Percent Finer
R2AD1S	Field Sample		11/15/2002	STL-VT	91001	106.17	g	D422	ASTM	2000	uM	sand	#10	19.1	Percent Incremental
R2AD1S	Field Sample		11/15/2002	STL-VT	91001	106.17	g	D422	ASTM	4750	uM	gravel	#4	80.8	Percent Finer
R2AD1S	Field Sample		11/15/2002	STL-VT	91001	106.17	g	D422	ASTM	4750	uM	gravel	#4	19.2	Percent Incremental
R2AD1S	Field Sample		11/15/2002	STL-VT	91001	106.17	g	D422	ASTM	9500	uM	gravel	3/8 inch	100	Percent Finer
R2AD1S	Field Sample		11/15/2002	STL-VT	91001	106.17	g	D422	ASTM	9500	uM	gravel	3/8 inch	0	Percent Incremental
R2AD1S	Field Sample		11/15/2002	STL-VT	91001	106.17	g	D422	ASTM	19000	uM	gravel	3/4 inch	100	Percent Finer
R2AD1S	Field Sample		11/15/2002	STL-VT	91001	106.17	g	D422	ASTM	19000	uM	gravel	3/4 inch	0	Percent Incremental
R2AD1S	Field Sample		11/15/2002	STL-VT	91001	106.17	g	D422	ASTM	25000	uM	gravel	1 inch	100	Percent Finer
R2AD1S	Field Sample		11/15/2002	STL-VT	91001	106.17	g	D422	ASTM	25000	uM	gravel	1 inch	0	Percent Incremental
R2AD1S	Field Sample		11/15/2002	STL-VT	91001	106.17	g	D422	ASTM	37500	uM	gravel	1.5 inch	100	Percent Finer
R2AD1S	Field Sample		11/15/2002	STL-VT	91001	106.17	g	D422	ASTM	37500	uM	gravel	1.5 inch	0	Percent Incremental
R2AD1S	Field Sample		11/15/2002	STL-VT	91001	106.17	g	D422	ASTM	50000	uM	gravel	2 inch	100	Percent Finer
R2AD1S	Field Sample		11/15/2002	STL-VT	91001	106.17	g	D422	ASTM	50000	uM	gravel	2 inch	0	Percent Incremental
R2AD1S	Field Sample		11/15/2002	STL-VT	91001	106.17	g	D422	ASTM	75000	uM	gravel	3 inch	100	Percent Finer
R2AD1S	Field Sample		11/15/2002	STL-VT	91001	106.17	g	D422	ASTM	75000	uM	gravel	3 inch	0	Percent Incremental
R2AM1S	Field Sample		11/20/2002	STL-VT	91083	144.2	g	D422	ASTM	1.4	uM	clay		7.2	Percent Finer
R2AM1S	Field Sample		11/20/2002	STL-VT	91083	144.2	g	D422	ASTM	1.4	uM	clay		1.7	Percent Incremental
R2AM1S	Field Sample		11/20/2002	STL-VT	91083	144.2	g	D422	ASTM	3.2	uM	clay		8.9	Percent Finer
R2AM1S	Field Sample		11/20/2002	STL-VT	91083	144.2	g	D422	ASTM	3.2	uM	clay		1.1	Percent Incremental
R2AM1S	Field Sample		11/20/2002	STL-VT	91083	144.2	g	D422	ASTM	6.3	uM	silt		10	Percent Finer
R2AM1S	Field Sample		11/20/2002	STL-VT	91083	144.2	g	D422	ASTM	6.3	uM	silt		1.7	Percent Incremental
R2AM1S	Field Sample		11/20/2002	STL-VT	91083	144.2	g	D422	ASTM	9	uM	silt		11.7	Percent Finer
R2AM1S	Field Sample		11/20/2002	STL-VT	91083	144.2	g	D422	ASTM	9	uM	silt		1.1	Percent Incremental
R2AM1S	Field Sample		11/20/2002	STL-VT	91083	144.2	g	D422	ASTM	12.7	uM	silt		12.8	Percent Finer
R2AM1S	Field Sample		11/20/2002	STL-VT	91083	144.2	g	D422	ASTM	12.7	uM	silt		3.9	Percent Incremental
R2AM1S	Field Sample		11/20/2002	STL-VT	91083	144.2	g	D422	ASTM	21	uM	silt		16.7	Percent Finer
R2AM1S	Field Sample		11/20/2002	STL-VT	91083	144.2	g	D422	ASTM	21	uM	silt		4.5	Percent Incremental

Appendix II-A
Results of Grain-Size Analysis of Sediments Collected from Mississippi River near Sauget Area 2 Sites

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Appendix II-A
Results of Grain-Size Analysis of Sediments Collected from Mississippi River near Sauget Area 2 Sites

Sample ID	Sample Type	Parent	Sample Date	Lab	SDG (STL-VT)	Sample Mass	Mass Units	Test Method	Reference	Particle Size	Particle Size Units	Soil Classification	Sieve Size	Result	Result Units
R2AU1S	Field Sample		11/20/2002	STL-VT	91063	257.14	g	D422	ASTM	9.4	uM	silt		1.9	Percent Finer
R2AU1S	Field Sample		11/20/2002	STL-VT	91063	257.14	g	D422	ASTM	9.4	uM	silt		0	Percent Incremental
R2AU1S	Field Sample		11/20/2002	STL-VT	91063	257.14	g	D422	ASTM	13.7	uM	silt		1.9	Percent Finer
R2AU1S	Field Sample		11/20/2002	STL-VT	91063	257.14	g	D422	ASTM	13.7	uM	silt		0.3	Percent Incremental
R2AU1S	Field Sample		11/20/2002	STL-VT	91063	257.14	g	D422	ASTM	24	uM	silt		2.2	Percent Finer
R2AU1S	Field Sample		11/20/2002	STL-VT	91063	257.14	g	D422	ASTM	24	uM	silt		0	Percent Incremental
R2AU1S	Field Sample		11/20/2002	STL-VT	91063	257.14	g	D422	ASTM	37	uM	silt		2.2	Percent Finer
R2AU1S	Field Sample		11/20/2002	STL-VT	91063	257.14	g	D422	ASTM	37	uM	silt		5.9	Percent Incremental
R2AU1S	Field Sample		11/20/2002	STL-VT	91063	257.14	g	D422	ASTM	75	uM	sand	#200	8.1	Percent Finer
R2AU1S	Field Sample		11/20/2002	STL-VT	91063	257.14	g	D422	ASTM	75	uM	sand	#200	12.4	Percent Incremental
R2AU1S	Field Sample		11/20/2002	STL-VT	91063	257.14	g	D422	ASTM	150	uM	sand	#100	20.4	Percent Finer
R2AU1S	Field Sample		11/20/2002	STL-VT	91063	257.14	g	D422	ASTM	150	uM	sand	#100	11.2	Percent Incremental
R2AU1S	Field Sample		11/20/2002	STL-VT	91063	257.14	g	D422	ASTM	180	uM	sand	#80	31.7	Percent Finer
R2AU1S	Field Sample		11/20/2002	STL-VT	91063	257.14	g	D422	ASTM	180	uM	sand	#80	39.3	Percent Incremental
R2AU1S	Field Sample		11/20/2002	STL-VT	91063	257.14	g	D422	ASTM	250	uM	sand	#60	71	Percent Finer
R2AU1S	Field Sample		11/20/2002	STL-VT	91063	257.14	g	D422	ASTM	250	uM	sand	#60	25.4	Percent Incremental
R2AU1S	Field Sample		11/20/2002	STL-VT	91063	257.14	g	D422	ASTM	425	uM	sand	#40	96.4	Percent Finer
R2AU1S	Field Sample		11/20/2002	STL-VT	91063	257.14	g	D422	ASTM	425	uM	sand	#40	3.5	Percent Incremental
R2AU1S	Field Sample		11/20/2002	STL-VT	91063	257.14	g	D422	ASTM	850	uM	sand	#20	99.9	Percent Finer
R2AU1S	Field Sample		11/20/2002	STL-VT	91063	257.14	g	D422	ASTM	850	uM	sand	#20	0.1	Percent Incremental
R2AU1S	Field Sample		11/20/2002	STL-VT	91063	257.14	g	D422	ASTM	2000	uM	sand	#10	100	Percent Finer
R2AU1S	Field Sample		11/20/2002	STL-VT	91063	257.14	g	D422	ASTM	2000	uM	sand	#10	0	Percent Incremental
R2AU1S	Field Sample		11/20/2002	STL-VT	91063	257.14	g	D422	ASTM	4750	uM	gravel	#4	100	Percent Finer
R2AU1S	Field Sample		11/20/2002	STL-VT	91063	257.14	g	D422	ASTM	4750	uM	gravel	#4	0	Percent Incremental
R2AU1S	Field Sample		11/20/2002	STL-VT	91063	257.14	g	D422	ASTM	9500	uM	gravel	3/8 Inch	100	Percent Finer
R2AU1S	Field Sample		11/20/2002	STL-VT	91063	257.14	g	D422	ASTM	9500	uM	gravel	3/8 Inch	0	Percent Incremental
R2AU1S	Field Sample		11/20/2002	STL-VT	91063	257.14	g	D422	ASTM	19000	uM	gravel	3/4 Inch	100	Percent Finer
R2AU1S	Field Sample		11/20/2002	STL-VT	91063	257.14	g	D422	ASTM	19000	uM	gravel	3/4 Inch	0	Percent Incremental
R2AU1S	Field Sample		11/20/2002	STL-VT	91063	257.14	g	D422	ASTM	25000	uM	gravel	1 Inch	100	Percent Finer
R2AU1S	Field Sample		11/20/2002	STL-VT	91063	257.14	g	D422	ASTM	25000	uM	gravel	1 Inch	0	Percent Incremental
R2AU1S	Field Sample		11/20/2002	STL-VT	91063	257.14	g	D422	ASTM	37500	uM	gravel	1.5 Inch	100	Percent Finer
R2AU1S	Field Sample		11/20/2002	STL-VT	91063	257.14	g	D422	ASTM	37500	uM	gravel	1.5 Inch	0	Percent Incremental
R2AU1S	Field Sample		11/20/2002	STL-VT	91063	257.14	g	D422	ASTM	50000	uM	gravel	2 Inch	100	Percent Finer
R2AU1S	Field Sample		11/20/2002	STL-VT	91063	257.14	g	D422	ASTM	50000	uM	gravel	2 Inch	0	Percent Incremental
R2AU1S	Field Sample		11/20/2002	STL-VT	91063	257.14	g	D422	ASTM	75000	uM	gravel	3 Inch	100	Percent Finer
R2AU1S	Field Sample		11/20/2002	STL-VT	91063	257.14	g	D422	ASTM	75000	uM	gravel	3 Inch	0	Percent Incremental
R2BD1S	Field Sample		11/15/2002	STL-VT	91001	269.61	g	D422	ASTM	1.4	uM	clay		1.5	Percent Finer
R2BD1S	Field Sample		11/15/2002	STL-VT	91001	269.61	g	D422	ASTM	1.4	uM	clay		0.3	Percent Incremental
R2BD1S	Field Sample		11/15/2002	STL-VT	91001	269.61	g	D422	ASTM	3.3	uM	clay		1.8	Percent Finer
R2BD1S	Field Sample		11/15/2002	STL-VT	91001	269.61	g	D422	ASTM	3.3	uM	clay		0	Percent Incremental
R2BD1S	Field Sample		11/15/2002	STL-VT	91001	269.61	g	D422	ASTM	6.9	uM	silt		1.8	Percent Finer
R2BD1S	Field Sample		11/15/2002	STL-VT	91001	269.61	g	D422	ASTM	6.9	uM	silt		0	Percent Incremental
R2BD1S	Field Sample		11/15/2002	STL-VT	91001	269.61	g	D422	ASTM	9.5	uM	silt		1.8	Percent Finer
R2BD1S	Field Sample		11/15/2002	STL-VT	91001	269.61	g	D422	ASTM	9.5	uM	silt		0.3	Percent Incremental
R2BD1S	Field Sample		11/15/2002	STL-VT	91001	269.61	g	D422	ASTM	13.4	uM	silt		2.1	Percent Finer
R2BD1S	Field Sample		11/15/2002	STL-VT	91001	269.61	g	D422	ASTM	13.4	uM	silt		0.6	Percent Incremental
R2BD1S	Field Sample		11/15/2002	STL-VT	91001	269.61	g	D422	ASTM	23	uM	silt		2.7	Percent Finer
R2BD1S	Field Sample		11/15/2002	STL-VT	91001	269.61	g	D422	ASTM	23	uM	silt		0	Percent Incremental
R2BD1S	Field Sample		11/15/2002	STL-VT	91001	269.61	g	D422	ASTM	36	uM	silt		2.7	Percent Finer
R2BD1S	Field Sample		11/15/2002	STL-VT	91001	269.61	g	D422	ASTM	36	uM	silt		28.1	Percent Incremental
R2BD1S	Field Sample		11/15/2002	STL-VT	91001	269.61	g	D422	ASTM	75	uM	sand	#200	28.9	Percent Finer
R2BD1S	Field Sample		11/15/2002	STL-VT	91001	269.61	g	D422	ASTM	75	uM	sand	#200	8.7	Percent Incremental
R2BD1S	Field Sample		11/15/2002	STL-VT	91001	269.61	g	D422	ASTM	150	uM	sand	#100	37.6	Percent Finer
R2BD1S	Field Sample		11/15/2002	STL-VT	91001	269.61	g	D422	ASTM	150	uM	sand	#100	6.9	Percent Incremental
R2BD1S	Field Sample		11/15/2002	STL-VT	91001	269.61	g	D422	ASTM	180	uM	sand	#80	44.5	Percent Finer
R2BD1S	Field Sample		11/15/2002	STL-VT	91001	269.61	g	D422	ASTM	180	uM	sand	#80	34.3	Percent Incremental
R2BD1S	Field Sample		11/15/2002	STL-VT	91001	269.61	g	D422	ASTM	250	uM	sand	#60	78.8	Percent Finer
R2BD1S	Field Sample		11/15/2002	STL-VT	91001	269.61	g	D422	ASTM	250	uM	sand	#60	18	Percent Incremental
R2BD1S	Field Sample		11/15/2002	STL-VT	91001	269.61	g	D422	ASTM	425	uM	sand	#40	96.8	Percent Finer
R2BD1S	Field Sample		11/15/2002	STL-VT	91001	269.61	g	D422	ASTM	425	uM	sand	#40	1.2	Percent Incremental
R2BD1S	Field Sample		11/15/2002	STL-VT	91001	269.61	g	D422	ASTM	850	uM	sand	#20	97.9	Percent Finer
R2BD1S	Field Sample		11/15/2002	STL-VT	91001	269.61	g	D422	ASTM	850	uM	sand	#20	2	Percent Incremental
R2BD1S	Field Sample		11/15/2002	STL-VT	91001	269.61	g	D422	ASTM	2000	uM	sand	#10	100	Percent Finer
R2BD1S	Field Sample		11/15/2002	STL-VT	91001	269.61	g	D422	ASTM	2000	uM	sand	#10	0	Percent Incremental
R2BD1S	Field Sample		11/15/2002	STL-VT	91001	269.61	g	D422	ASTM	4750	uM	gravel	#4	100	Percent Finer
R2BD1S	Field Sample		11/15/2002	STL-VT	91001	269.61	g	D422	ASTM	4750	uM	gravel	#4	0	Percent Incremental
R2BD1S	Field Sample		11/15/2002	STL-VT	91001	269.61	g	D422	ASTM	9500	uM	gravel	3/8 Inch	100	Percent Finer
R2BD1S	Field Sample		11/15/2002	STL-VT	91001	269.61	g	D422	ASTM	9500	uM	gravel	3/8 Inch	0	Percent Incremental
R2BD1S	Field Sample		11/15/2002	STL-VT	91001	269.61	g	D422	ASTM	19000	uM	gravel	3/4 Inch	100	Percent Finer
R2BD1S	Field Sample		11/15/2002	STL-VT	91001	269.61	g	D422	ASTM	19000	uM	gravel	3/4 Inch	0	Percent Incremental
R2BD1S	Field Sample		11/15/2002	STL-VT	91001	269.61	g	D422	ASTM	25000	uM	gravel	1 Inch	100	Percent Finer
R2BD1S	Field Sample		11/15/2002	STL-VT	91001	269.61	g	D422	ASTM	25000	uM	gravel	1 Inch	0	Percent Incremental
R2BD1S	Field Sample		11/15/2002	STL-VT	91001	269.61	g	D422	ASTM	37500	uM	gravel	1.5 Inch	100	Percent Finer
R2BD1S	Field Sample		11/15/2002	STL-VT	91001	269.61	g	D422	ASTM	37500	uM	gravel	1.5 Inch	0	Percent Incremental
R2BD1S	Field Sample		11/15/2002	STL-VT	91001	269.61	g	D422	ASTM	50000	uM	gravel	2 Inch	100	Percent Finer
R2BD1S	Field Sample		11/15/2002	STL-VT	91001	269.61	g	D422	ASTM	50000	uM	gravel	2 Inch	0	Percent Incremental
R2BD1S	Field Sample		11/15/2002	STL-VT	91001	269.61	g	D422	ASTM	75000	uM	gravel	3 Inch	100	Percent Finer
R2BD1S	Field Sample		11/15/2002	STL-VT	91001	269.61	g	D422	ASTM	75000	uM	gravel	3 Inch	0	Percent Incremental

Appendix II-A

Results of Grain-Size Analysis of Sediments Collected from Mississippi River near Sauget Area 2 Sites

[illegible]	[illegible]	[illegible]	[illegible]	Lab	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.4	[illegible]	clay		1.5	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.4	[illegible]	clay		0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6.7	[illegible]	silt		1.5	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6.7	[illegible]	silt		0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	silt		1.5	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	silt		0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	silt		1.5	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	silt		0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24	[illegible]	silt		1.5	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24	[illegible]	silt		0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	silt		1.5	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	silt		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75	[illegible]	sand	[illegible]	2	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75	[illegible]	sand	[illegible]	5.5	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	7.5	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	7	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	3	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	#4	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	#4	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	[illegible] inch	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	[illegible] inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	[illegible] inch	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	[illegible] inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	1 inch	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	1 inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	1.5 inch	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	1.5 inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	2 inch	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	2 inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	3 inch	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	3 inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.4	[illegible]	clay		[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.4	[illegible]	clay		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.4	[illegible]	clay		[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.4	[illegible]	clay		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.2	[illegible]	clay		[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.2	[illegible]	clay		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.3	[illegible]	clay		[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.3	[illegible]	clay		0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6.6	[illegible]	silt		3.7	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6.6	[illegible]	silt		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7	[illegible]	silt		[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7	[illegible]	silt		0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9.3	[illegible]	silt		[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9.3	[illegible]	silt		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9.8	[illegible]	silt		[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9.8	[illegible]	silt		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12.9	[illegible]	silt		[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12.9	[illegible]	silt		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13.8	[illegible]	silt		2	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13.8	[illegible]	silt		0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22	[illegible]	silt		5.7	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22	[illegible]	silt		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24	[illegible]	silt		2	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24	[illegible]	silt		0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	34	[illegible]	silt		7.2	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	34	[illegible]	silt		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	35	[illegible]	silt		2	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	35	[illegible]	silt		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75	[illegible]	sand	[illegible]	7.6	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75	[illegible]	sand	[illegible]	4.2	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75	[illegible]	sand	[illegible]	2.6	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75	[illegible]	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	13.2	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Incremental

Appendix II-A
Results of Grain-Size Analysis of Sediments Collected from Mississippi River near Sauget Area 2 Sites

Sample ID	Sample Type	Parent	Sample Date	Lab	SDG (STL-VT)	Sample Mass	Mass Units	Test Method	Reference	Particle Size	Particle Size Units	Soil Classification	Sieve Size	Result	Result Units
R2BU1S	Field Sample		11/15/2002	STL-VT	91001	282.19	g	D422	ASTM	180	uM	sand	#60	13.6	Percent Finer
R2BU1S	Field Sample		11/15/2002	STL-VT	91001	282.19	g	D422	ASTM	180	uM	sand	#60	6.2	Percent Incremental
R2BU1S	Field Sample		11/20/2002	STL-VT	91064	160.89	g	D422	ASTM	180	uM	sand	#60	23	Percent Finer
R2BU1S	Field Sample		11/20/2002	STL-VT	91064	160.89	g	D422	ASTM	180	uM	sand	#60	41.5	Percent Incremental
R2BU1S	Field Sample		11/15/2002	STL-VT	91001	282.19	g	D422	ASTM	250	uM	sand	#60	16.8	Percent Finer
R2BU1S	Field Sample		11/15/2002	STL-VT	91001	282.19	g	D422	ASTM	250	uM	sand	#60	10.2	Percent Incremental
R2BU1S	Field Sample		11/20/2002	STL-VT	91064	160.89	g	D422	ASTM	250	uM	sand	#60	64.6	Percent Finer
R2BU1S	Field Sample		11/20/2002	STL-VT	91064	160.89	g	D422	ASTM	250	uM	sand	#60	24.5	Percent Incremental
R2BU1S	Field Sample		11/15/2002	STL-VT	91001	282.19	g	D422	ASTM	425	uM	sand	#40	30	Percent Finer
R2BU1S	Field Sample		11/15/2002	STL-VT	91001	282.19	g	D422	ASTM	425	uM	sand	#40	42.9	Percent Incremental
R2BU1S	Field Sample		11/20/2002	STL-VT	91064	160.89	g	D422	ASTM	425	uM	sand	#40	89.4	Percent Finer
R2BU1S	Field Sample		11/20/2002	STL-VT	91064	160.89	g	D422	ASTM	425	uM	sand	#40	7.5	Percent Incremental
R2BU1S	Field Sample		11/15/2002	STL-VT	91001	282.19	g	D422	ASTM	850	uM	sand	#20	72.8	Percent Finer
R2BU1S	Field Sample		11/15/2002	STL-VT	91001	282.19	g	D422	ASTM	850	uM	sand	#20	25.3	Percent Incremental
R2BU1S	Field Sample		11/20/2002	STL-VT	91064	160.89	g	D422	ASTM	850	uM	sand	#20	96.9	Percent Finer
R2BU1S	Field Sample		11/20/2002	STL-VT	91064	160.89	g	D422	ASTM	850	uM	sand	#20	2	Percent Incremental
R2BU1S	Field Sample		11/15/2002	STL-VT	91001	282.19	g	D422	ASTM	2000	uM	sand	#10	98.1	Percent Finer
R2BU1S	Field Sample		11/15/2002	STL-VT	91001	282.19	g	D422	ASTM	2000	uM	sand	#10	1.8	Percent Incremental
R2BU1S	Field Sample		11/20/2002	STL-VT	91064	160.89	g	D422	ASTM	2000	uM	sand	#10	98.9	Percent Finer
R2BU1S	Field Sample		11/20/2002	STL-VT	91064	160.89	g	D422	ASTM	2000	uM	sand	#10	0.7	Percent Incremental
R2BU1S	Field Sample		11/15/2002	STL-VT	91001	282.19	g	D422	ASTM	4750	uM	gravel	#4	99.9	Percent Finer
R2BU1S	Field Sample		11/15/2002	STL-VT	91001	282.19	g	D422	ASTM	4750	uM	gravel	#4	0.1	Percent Incremental
R2BU1S	Field Sample		11/20/2002	STL-VT	91064	160.89	g	D422	ASTM	4750	uM	gravel	#4	99.6	Percent Finer
R2BU1S	Field Sample		11/20/2002	STL-VT	91064	160.89	g	D422	ASTM	4750	uM	gravel	#4	0.4	Percent Incremental
R2BU1S	Field Sample		11/15/2002	STL-VT	91001	282.19	g	D422	ASTM	9500	uM	gravel	3/8 inch	100	Percent Finer
R2BU1S	Field Sample		11/15/2002	STL-VT	91001	282.19	g	D422	ASTM	9500	uM	gravel	3/8 inch	0	Percent Incremental
R2BU1S	Field Sample		11/20/2002	STL-VT	91064	160.89	g	D422	ASTM	9500	uM	gravel	3/8 inch	100	Percent Finer
R2BU1S	Field Sample		11/20/2002	STL-VT	91064	160.89	g	D422	ASTM	9500	uM	gravel	3/8 inch	0	Percent Incremental
R2BU1S	Field Sample		11/15/2002	STL-VT	91001	282.19	g	D422	ASTM	19000	uM	gravel	3/4 inch	100	Percent Finer
R2BU1S	Field Sample		11/15/2002	STL-VT	91001	282.19	g	D422	ASTM	19000	uM	gravel	3/4 inch	0	Percent Incremental
R2BU1S	Field Sample		11/20/2002	STL-VT	91064	160.89	g	D422	ASTM	19000	uM	gravel	3/4 inch	100	Percent Finer
R2BU1S	Field Sample		11/20/2002	STL-VT	91064	160.89	g	D422	ASTM	19000	uM	gravel	3/4 inch	0	Percent Incremental
R2BU1S	Field Sample		11/15/2002	STL-VT	91001	282.19	g	D422	ASTM	25000	uM	gravel	1 inch	100	Percent Finer
R2BU1S	Field Sample		11/15/2002	STL-VT	91001	282.19	g	D422	ASTM	25000	uM	gravel	1 inch	0	Percent Incremental
R2BU1S	Field Sample		11/20/2002	STL-VT	91064	160.89	g	D422	ASTM	25000	uM	gravel	1 inch	100	Percent Finer
R2BU1S	Field Sample		11/20/2002	STL-VT	91064	160.89	g	D422	ASTM	25000	uM	gravel	1 inch	0	Percent Incremental
R2BU1S	Field Sample		11/15/2002	STL-VT	91001	282.19	g	D422	ASTM	37500	uM	gravel	1.5 inch	100	Percent Finer
R2BU1S	Field Sample		11/15/2002	STL-VT	91001	282.19	g	D422	ASTM	37500	uM	gravel	1.5 inch	0	Percent Incremental
R2BU1S	Field Sample		11/20/2002	STL-VT	91064	160.89	g	D422	ASTM	37500	uM	gravel	1.5 inch	100	Percent Finer
R2BU1S	Field Sample		11/20/2002	STL-VT	91064	160.89	g	D422	ASTM	37500	uM	gravel	1.5 inch	0	Percent Incremental
R2BU1S	Field Sample		11/15/2002	STL-VT	91001	282.19	g	D422	ASTM	50000	uM	gravel	2 inch	100	Percent Finer
R2BU1S	Field Sample		11/15/2002	STL-VT	91001	282.19	g	D422	ASTM	50000	uM	gravel	2 inch	0	Percent Incremental
R2BU1S	Field Sample		11/20/2002	STL-VT	91064	160.89	g	D422	ASTM	50000	uM	gravel	2 inch	100	Percent Finer
R2BU1S	Field Sample		11/20/2002	STL-VT	91064	160.89	g	D422	ASTM	50000	uM	gravel	2 inch	0	Percent Incremental
R2BU1S	Field Sample		11/15/2002	STL-VT	91001	282.19	g	D422	ASTM	75000	uM	gravel	3 inch	100	Percent Finer
R2BU1S	Field Sample		11/15/2002	STL-VT	91001	282.19	g	D422	ASTM	75000	uM	gravel	3 inch	0	Percent Incremental
R2BU1S	Field Sample		11/20/2002	STL-VT	91064	160.89	g	D422	ASTM	75000	uM	gravel	3 inch	100	Percent Finer
R2BU1S	Field Sample		11/20/2002	STL-VT	91064	160.89	g	D422	ASTM	75000	uM	gravel	3 inch	0	Percent Incremental
R2CM1S	Field Sample		11/20/2002	STL-VT	91063	366.17	g	D422	ASTM	1.4	uM	clay		0.8	Percent Finer
R2CM1S	Field Sample		11/20/2002	STL-VT	91063	366.17	g	D422	ASTM	1.4	uM	clay		0	Percent Incremental
R2CM1S	Field Sample		11/20/2002	STL-VT	91063	366.17	g	D422	ASTM	3.4	uM	clay		0.8	Percent Finer
R2CM1S	Field Sample		11/20/2002	STL-VT	91063	366.17	g	D422	ASTM	3.4	uM	clay		0	Percent Incremental
R2CM1S	Field Sample		11/20/2002	STL-VT	91063	366.17	g	D422	ASTM	7.1	uM	silt		0.8	Percent Finer
R2CM1S	Field Sample		11/20/2002	STL-VT	91063	366.17	g	D422	ASTM	7.1	uM	silt		0	Percent Incremental
R2CM1S	Field Sample		11/20/2002	STL-VT	91063	366.17	g	D422	ASTM	9.8	uM	silt		0.8	Percent Finer
R2CM1S	Field Sample		11/20/2002	STL-VT	91063	366.17	g	D422	ASTM	9.8	uM	silt		0	Percent Incremental
R2CM1S	Field Sample		11/20/2002	STL-VT	91063	366.17	g	D422	ASTM	13.9	uM	silt		0.8	Percent Finer
R2CM1S	Field Sample		11/20/2002	STL-VT	91063	366.17	g	D422	ASTM	13.9	uM	silt		0	Percent Incremental
R2CM1S	Field Sample		11/20/2002	STL-VT	91063	366.17	g	D422	ASTM	24	uM	silt		0.8	Percent Finer
R2CM1S	Field Sample		11/20/2002	STL-VT	91063	366.17	g	D422	ASTM	24	uM	silt		0	Percent Incremental
R2CM1S	Field Sample		11/20/2002	STL-VT	91063	366.17	g	D422	ASTM	38	uM	silt		0.8	Percent Finer
R2CM1S	Field Sample		11/20/2002	STL-VT	91063	366.17	g	D422	ASTM	38	uM	silt		3.4	Percent Incremental
R2CM1S	Field Sample		11/20/2002	STL-VT	91063	366.17	g	D422	ASTM	75	uM	sand	#200	4.2	Percent Finer
R2CM1S	Field Sample		11/20/2002	STL-VT	91063	366.17	g	D422	ASTM	75	uM	sand	#200	0.7	Percent Incremental
R2CM1S	Field Sample		11/20/2002	STL-VT	91063	366.17	g	D422	ASTM	150	uM	sand	#100	4.9	Percent Finer
R2CM1S	Field Sample		11/20/2002	STL-VT	91063	366.17	g	D422	ASTM	150	uM	sand	#100	0.3	Percent Incremental
R2CM1S	Field Sample		11/20/2002	STL-VT	91063	366.17	g	D422	ASTM	180	uM	sand	#80	5.2	Percent Finer
R2CM1S	Field Sample		11/20/2002	STL-VT	91063	366.17	g	D422	ASTM	180	uM	sand	#80	2.3	Percent Incremental
R2CM1S	Field Sample		11/20/2002	STL-VT	91063	366.17	g	D422	ASTM	250	uM	sand	#60	7.5	Percent Finer
R2CM1S	Field Sample		11/20/2002	STL-VT	91063	366.17	g	D422	ASTM	250	uM	sand	#60	4.2	Percent Incremental
R2CM1S	Field Sample		11/20/2002	STL-VT	91063	366.17	g	D422	ASTM	425	uM	sand	#40	11.7	Percent Finer
R2CM1S	Field Sample		11/20/2002	STL-VT	91063	366.17	g	D422	ASTM	425	uM	sand	#40	31.3	Percent Incremental
R2CM1S	Field Sample		11/20/2002	STL-VT	91063	366.17	g	D422	ASTM	850	uM	sand	#20	43	Percent Finer
R2CM1S	Field Sample		11/20/2002	STL-VT	91063	366.17	g	D422	ASTM	850	uM	sand	#20	45.9	Percent Incremental
R2CM1S	Field Sample		11/20/2002	STL-VT	91063	366.17	g	D422	ASTM	2000	uM	sand	#10	88.8	Percent Finer
R2CM1S	Field Sample		11/20/2002	STL-VT	91063	366.17	g	D422	ASTM	2000	uM	sand	#10	10.4	Percent Incremental
R2CM1S	Field Sample		11/20/2002	STL-VT	91063	366.17	g	D422	ASTM	4750	uM	gravel	#4	99.3	Percent Finer
R2CM1S	Field Sample		11/20/2002	STL-VT	91063	366.17	g	D422	ASTM	4750	uM	gravel	#4	0.7	Percent Incremental

Appendix II-A
Results of Grain-Size Analysis of Sediments Collected from Mississippi River near Sauget Area 2 Sites

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	gravel	3/8-inch	100	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	gravel	3/8-inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	gravel	3/4-inch	100	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	gravel	3/4-inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	gravel	1 inch	100	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	gravel	1 inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	gravel	1.5-inch	100	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	gravel	1.5-inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	gravel	2 inch	100	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	gravel	2 inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	gravel	3-inch	100	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	gravel	3-inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	1.4	[illegible]	clay		2.3	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	1.4	[illegible]	clay		0.5	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	3.4	[illegible]	clay		[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	3.4	[illegible]	clay		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	6.6	[illegible]	silt		[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	6.6	[illegible]	silt		0.7	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	9.5	[illegible]	silt		[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	9.5	[illegible]	silt		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	13.4	[illegible]	silt		[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	13.4	[illegible]	silt		0.7	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	silt		[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	silt		1	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	silt		[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	silt		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	75	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	75	[illegible]	sand	[illegible]	25.4	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	sand	[illegible]	87.7	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	sand	[illegible]	0.7	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	sand	[illegible]	95.7	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	gravel	#4	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	gravel	#4	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	gravel	3/8-inch	100	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	gravel	3/8-inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	gravel	3/4-inch	100	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	gravel	3/4-inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	gravel	1 inch	100	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	gravel	1 inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	gravel	1.5-inch	100	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	gravel	1.5-inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	gravel	2 inch	100	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	gravel	2 inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	gravel	3-inch	100	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	gravel	3-inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	1.3	[illegible]	clay		[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	1.3	[illegible]	clay		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	2.1	[illegible]	clay		[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	2.1	[illegible]	clay		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	6.1	[illegible]	silt		[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	6.1	[illegible]	silt		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	silt		[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	silt		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	silt		[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	silt		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	silt		21.4	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	silt		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	silt		[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	silt		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	75	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	75	[illegible]	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	sand	[illegible]	1.7	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Incremental

Appendix II-A
Results of Grain-Size Analysis of Sediments Collected from Mississippi River near Sauget Area 2 Sites

Sample ID	Sample Type	Parent	Sample Date	Lab	SDG (STL-VT)	Sample Mass	Mass Units	Test Method	Reference	Particle Size	Particle Size Units	Soil Classification	Sieve Size	Result	Result Units
R3AU1S	Field Sample		11/15/2002	STL-VT	91001	124.29	g	D422	ASTM	850	uM	sand	#20	99.6	Percent Finer
R3AU1S	Field Sample		11/15/2002	STL-VT	91001	124.29	g	D422	ASTM	850	uM	sand	#20	0.4	Percent Incremental
R3AU1S	Field Sample		11/15/2002	STL-VT	91001	124.29	g	D422	ASTM	2000	uM	sand	#10	100	Percent Finer
R3AU1S	Field Sample		11/15/2002	STL-VT	91001	124.29	g	D422	ASTM	2000	uM	sand	#10	0	Percent Incremental
R3AU1S	Field Sample		11/15/2002	STL-VT	91001	124.29	g	D422	ASTM	4750	uM	gravel	#4	100	Percent Finer
R3AU1S	Field Sample		11/15/2002	STL-VT	91001	124.29	g	D422	ASTM	4750	uM	gravel	#4	0	Percent Incremental
R3AU1S	Field Sample		11/15/2002	STL-VT	91001	124.29	g	D422	ASTM	9500	uM	gravel	3/8 Inch	100	Percent Finer
R3AU1S	Field Sample		11/15/2002	STL-VT	91001	124.29	g	D422	ASTM	9500	uM	gravel	3/8 Inch	0	Percent Incremental
R3AU1S	Field Sample		11/15/2002	STL-VT	91001	124.29	g	D422	ASTM	19000	uM	gravel	3/4 Inch	100	Percent Finer
R3AU1S	Field Sample		11/15/2002	STL-VT	91001	124.29	g	D422	ASTM	19000	uM	gravel	3/4 Inch	0	Percent Incremental
R3AU1S	Field Sample		11/15/2002	STL-VT	91001	124.29	g	D422	ASTM	25000	uM	gravel	1 Inch	100	Percent Finer
R3AU1S	Field Sample		11/15/2002	STL-VT	91001	124.29	g	D422	ASTM	25000	uM	gravel	1 Inch	0	Percent Incremental
R3AU1S	Field Sample		11/15/2002	STL-VT	91001	124.29	g	D422	ASTM	37500	uM	gravel	1.5 Inch	100	Percent Finer
R3AU1S	Field Sample		11/15/2002	STL-VT	91001	124.29	g	D422	ASTM	37500	uM	gravel	1.5 Inch	0	Percent Incremental
R3AU1S	Field Sample		11/15/2002	STL-VT	91001	124.29	g	D422	ASTM	50000	uM	gravel	2 Inch	100	Percent Finer
R3AU1S	Field Sample		11/15/2002	STL-VT	91001	124.29	g	D422	ASTM	50000	uM	gravel	2 Inch	0	Percent Incremental
R3AU1S	Field Sample		11/15/2002	STL-VT	91001	124.29	g	D422	ASTM	75000	uM	gravel	3 Inch	100	Percent Finer
R3AU1S	Field Sample		11/15/2002	STL-VT	91001	124.29	g	D422	ASTM	75000	uM	gravel	3 Inch	0	Percent Incremental
R3BD1S	Field Sample		11/15/2002	STL-VT	91001	281	g	D422	ASTM	1.4	uM	clay		0.7	Percent Finer
R3BD1S	Field Sample		11/15/2002	STL-VT	91001	281	g	D422	ASTM	1.4	uM	clay		0.1	Percent Incremental
R3BD1S	Field Sample		11/15/2002	STL-VT	91001	281	g	D422	ASTM	3.4	uM	clay		0.9	Percent Finer
R3BD1S	Field Sample		11/15/2002	STL-VT	91001	281	g	D422	ASTM	3.4	uM	clay		0	Percent Incremental
R3BD1S	Field Sample		11/15/2002	STL-VT	91001	281	g	D422	ASTM	6.8	uM	silt		0.9	Percent Finer
R3BD1S	Field Sample		11/15/2002	STL-VT	91001	281	g	D422	ASTM	6.8	uM	silt		0.3	Percent Incremental
R3BD1S	Field Sample		11/15/2002	STL-VT	91001	281	g	D422	ASTM	9.8	uM	silt		1.1	Percent Finer
R3BD1S	Field Sample		11/15/2002	STL-VT	91001	281	g	D422	ASTM	9.8	uM	silt		0	Percent Incremental
R3BD1S	Field Sample		11/15/2002	STL-VT	91001	281	g	D422	ASTM	13.9	uM	silt		1.1	Percent Finer
R3BD1S	Field Sample		11/15/2002	STL-VT	91001	281	g	D422	ASTM	13.9	uM	silt		0	Percent Incremental
R3BD1S	Field Sample		11/15/2002	STL-VT	91001	281	g	D422	ASTM	24	uM	silt		1.1	Percent Finer
R3BD1S	Field Sample		11/15/2002	STL-VT	91001	281	g	D422	ASTM	24	uM	silt		0	Percent Incremental
R3BD1S	Field Sample		11/15/2002	STL-VT	91001	281	g	D422	ASTM	39	uM	silt		1.1	Percent Finer
R3BD1S	Field Sample		11/15/2002	STL-VT	91001	281	g	D422	ASTM	39	uM	silt		1.6	Percent Incremental
R3BD1S	Field Sample		11/15/2002	STL-VT	91001	281	g	D422	ASTM	75	uM	sand	#200	2.7	Percent Finer
R3BD1S	Field Sample		11/15/2002	STL-VT	91001	281	g	D422	ASTM	75	uM	sand	#200	1.3	Percent Incremental
R3BD1S	Field Sample		11/15/2002	STL-VT	91001	281	g	D422	ASTM	150	uM	sand	#100	4	Percent Finer
R3BD1S	Field Sample		11/15/2002	STL-VT	91001	281	g	D422	ASTM	150	uM	sand	#100	1.5	Percent Incremental
R3BD1S	Field Sample		11/15/2002	STL-VT	91001	281	g	D422	ASTM	180	uM	sand	#80	5.5	Percent Finer
R3BD1S	Field Sample		11/15/2002	STL-VT	91001	281	g	D422	ASTM	180	uM	sand	#80	15.2	Percent Incremental
R3BD1S	Field Sample		11/15/2002	STL-VT	91001	281	g	D422	ASTM	250	uM	sand	#60	20.7	Percent Finer
R3BD1S	Field Sample		11/15/2002	STL-VT	91001	281	g	D422	ASTM	250	uM	sand	#60	26.5	Percent Incremental
R3BD1S	Field Sample		11/15/2002	STL-VT	91001	281	g	D422	ASTM	425	uM	sand	#40	47.1	Percent Finer
R3BD1S	Field Sample		11/15/2002	STL-VT	91001	281	g	D422	ASTM	425	uM	sand	#40	36	Percent Incremental
R3BD1S	Field Sample		11/15/2002	STL-VT	91001	281	g	D422	ASTM	850	uM	sand	#20	83.1	Percent Finer
R3BD1S	Field Sample		11/15/2002	STL-VT	91001	281	g	D422	ASTM	850	uM	sand	#20	15.3	Percent Incremental
R3BD1S	Field Sample		11/15/2002	STL-VT	91001	281	g	D422	ASTM	2000	uM	sand	#10	98.4	Percent Finer
R3BD1S	Field Sample		11/15/2002	STL-VT	91001	281	g	D422	ASTM	2000	uM	sand	#10	1.5	Percent Incremental
R3BD1S	Field Sample		11/15/2002	STL-VT	91001	281	g	D422	ASTM	4750	uM	gravel	#4	99.9	Percent Finer
R3BD1S	Field Sample		11/15/2002	STL-VT	91001	281	g	D422	ASTM	4750	uM	gravel	#4	0.1	Percent Incremental
R3BD1S	Field Sample		11/15/2002	STL-VT	91001	281	g	D422	ASTM	9500	uM	gravel	3/8 Inch	100	Percent Finer
R3BD1S	Field Sample		11/15/2002	STL-VT	91001	281	g	D422	ASTM	9500	uM	gravel	3/8 Inch	0	Percent Incremental
R3BD1S	Field Sample		11/15/2002	STL-VT	91001	281	g	D422	ASTM	19000	uM	gravel	3/4 Inch	100	Percent Finer
R3BD1S	Field Sample		11/15/2002	STL-VT	91001	281	g	D422	ASTM	19000	uM	gravel	3/4 Inch	0	Percent Incremental
R3BD1S	Field Sample		11/15/2002	STL-VT	91001	281	g	D422	ASTM	25000	uM	gravel	1 Inch	100	Percent Finer
R3BD1S	Field Sample		11/15/2002	STL-VT	91001	281	g	D422	ASTM	25000	uM	gravel	1 Inch	0	Percent Incremental
R3BD1S	Field Sample		11/15/2002	STL-VT	91001	281	g	D422	ASTM	37500	uM	gravel	1.5 Inch	100	Percent Finer
R3BD1S	Field Sample		11/15/2002	STL-VT	91001	281	g	D422	ASTM	37500	uM	gravel	1.5 Inch	0	Percent Incremental
R3BD1S	Field Sample		11/15/2002	STL-VT	91001	281	g	D422	ASTM	50000	uM	gravel	2 Inch	100	Percent Finer
R3BD1S	Field Sample		11/15/2002	STL-VT	91001	281	g	D422	ASTM	50000	uM	gravel	2 Inch	0	Percent Incremental
R3BD1S	Field Sample		11/15/2002	STL-VT	91001	281	g	D422	ASTM	75000	uM	gravel	3 Inch	100	Percent Finer
R3BD1S	Field Sample		11/15/2002	STL-VT	91001	281	g	D422	ASTM	75000	uM	gravel	3 Inch	0	Percent Incremental
R3BM1S	Field Sample		11/15/2002	STL-VT	91001	252.32	g	D422	ASTM	1.3	uM	clay		5.6	Percent Finer
R3BM1S	Field Sample		11/15/2002	STL-VT	91001	252.32	g	D422	ASTM	1.3	uM	clay		1.1	Percent Incremental
R3BM1S	Field Sample		11/15/2002	STL-VT	91001	252.32	g	D422	ASTM	3.2	uM	clay		6.7	Percent Finer
R3BM1S	Field Sample		11/15/2002	STL-VT	91001	252.32	g	D422	ASTM	3.2	uM	clay		2.5	Percent Incremental
R3BM1S	Field Sample		11/15/2002	STL-VT	91001	252.32	g	D422	ASTM	6.3	uM	silt		9.2	Percent Finer
R3BM1S	Field Sample		11/15/2002	STL-VT	91001	252.32	g	D422	ASTM	6.3	uM	silt		0.3	Percent Incremental
R3BM1S	Field Sample		11/15/2002	STL-VT	91001	252.32	g	D422	ASTM	8.6	uM	silt		9.5	Percent Finer
R3BM1S	Field Sample		11/15/2002	STL-VT	91001	252.32	g	D422	ASTM	8.6	uM	silt		0.6	Percent Incremental
R3BM1S	Field Sample		11/15/2002	STL-VT	91001	252.32	g	D422	ASTM	12.1	uM	silt		10.2	Percent Finer
R3BM1S	Field Sample		11/15/2002	STL-VT	91001	252.32	g	D422	ASTM	12.1	uM	silt		0.9	Percent Incremental
R3BM1S	Field Sample		11/15/2002	STL-VT	91001	252.32	g	D422	ASTM	21	uM	silt		10.5	Percent Finer
R3BM1S	Field Sample		11/15/2002	STL-VT	91001	252.32	g	D422	ASTM	21	uM	silt		5.1	Percent Incremental
R3BM1S	Field Sample		11/15/2002	STL-VT	91001	252.32	g	D422	ASTM	30	uM	silt		15.6	Percent Finer
R3BM1S	Field Sample		11/15/2002	STL-VT	91001	252.32	g	D422	ASTM	30	uM	silt		13.9	Percent Incremental
R3BM1S	Field Sample		11/15/2002	STL-VT	91001	252.32	g	D422	ASTM	75	uM	sand	#200	29.5	Percent Finer
R3BM1S	Field Sample		11/15/2002	STL-VT	91001	252.32	g	D422	ASTM	75	uM	sand	#200	21.7	Percent Incremental
R3BM1S	Field Sample		11/15/2002	STL-VT	91001	252.32	g	D422	ASTM	150	uM	sand	#100	51.1	Percent Finer
R3BM1S	Field Sample		11/15/2002	STL-VT	91001	252.32	g	D422	ASTM	150	uM	sand	#100	5.4	Percent Incremental

Appendix II-A

Results of Grain-Size Analysis of Sediments Collected from Mississippi River near Sauget Area 2 Sites

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Particle Size	[illegible]	Soil Classification	Sieve Size	Result	Result Units
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	sand	[illegible]	17	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	sand	[illegible]	4	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	sand	#10	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	sand	#10	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	gravel	#4	100	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	gravel	#4	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	gravel	3/8-inch	100	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	gravel	3/8-inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	gravel	3/4-inch	100	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	gravel	3/4-inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	gravel	1-inch	100	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	gravel	1-inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	gravel	1.5-inch	100	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	gravel	1.5-inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	gravel	2-inch	100	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	gravel	2-inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	gravel	3-inch	100	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	gravel	3-inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	1.4	[illegible]	clay		1.2	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	1.4	[illegible]	clay		0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	3.4	[illegible]	clay		1.2	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	3.4	[illegible]	clay		0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	silt		1.2	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	silt		0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	9.4	[illegible]	silt		1.2	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	9.4	[illegible]	silt		0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	silt		1.2	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	silt		0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	silt		1.2	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	silt		0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	37	[illegible]	silt		1.2	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	37	[illegible]	silt		2.5	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	75	[illegible]	sand	[illegible]	3.7	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	75	[illegible]	sand	[illegible]	0.1	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	sand	[illegible]	3.8	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	sand	[illegible]	0.1	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	sand	[illegible]	3.9	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	sand	[illegible]	14.2	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	sand	#10	94.7	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	sand	#10	3.4	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	gravel	#4	98.1	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	gravel	#4	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	gravel	3/8-inch	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	gravel	3/8-inch	0.4	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	gravel	3/4-inch	100	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	gravel	3/4-inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	gravel	1-inch	100	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	gravel	1-inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	gravel	1.5-inch	100	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	gravel	1.5-inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	gravel	2-inch	100	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	gravel	2-inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	gravel	3-inch	100	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	gravel	3-inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	1.4	[illegible]	clay		1	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	1.4	[illegible]	clay		0.1	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	3.4	[illegible]	clay		1.2	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	3.4	[illegible]	clay		0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	7.1	[illegible]	silt		1.2	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	7.1	[illegible]	silt		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	silt		1.5	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	silt		0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	silt		1.5	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	silt		0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	silt		1.5	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	ASTM	[illegible]	[illegible]	silt		0	Percent Incremental

Appendix II-A
Results of Grain-Size Analysis of Sediments Collected from Mississippi River near Sauget Area 2 Sites

Sample ID	Sample Type	Parent	Sample Date	Lab	SDG (STL-VT)	Sample Mass	Mass Units	Test Method	Reference	Particle Size	Particle Size Units	Soil Classification	Sieve Size	Result	Result Units
RMD1S	Field Sample		11/15/2002	STL-VT	91001	276.16	g	D422	ASTM	38	uM	silt		1.5	Percent Finer
RMD1S	Field Sample		11/15/2002	STL-VT	91001	276.16	g	D422	ASTM	38	uM	silt		2.2	Percent Incremental
RMD1S	Field Sample		11/15/2002	STL-VT	91001	276.16	g	D422	ASTM	75	uM	sand	#200	3.7	Percent Finer
RMD1S	Field Sample		11/15/2002	STL-VT	91001	276.16	g	D422	ASTM	75	uM	sand	#200	1.7	Percent Incremental
RMD1S	Field Sample		11/15/2002	STL-VT	91001	276.16	g	D422	ASTM	150	uM	sand	#100	5.3	Percent Finer
RMD1S	Field Sample		11/15/2002	STL-VT	91001	276.16	g	D422	ASTM	150	uM	sand	#100	3.5	Percent Incremental
RMD1S	Field Sample		11/15/2002	STL-VT	91001	276.16	g	D422	ASTM	180	uM	sand	#80	8.8	Percent Finer
RMD1S	Field Sample		11/15/2002	STL-VT	91001	276.16	g	D422	ASTM	180	uM	sand	#80	38.8	Percent Incremental
RMD1S	Field Sample		11/15/2002	STL-VT	91001	276.16	g	D422	ASTM	250	uM	sand	#60	47.7	Percent Finer
RMD1S	Field Sample		11/15/2002	STL-VT	91001	276.16	g	D422	ASTM	250	uM	sand	#60	27.7	Percent Incremental
RMD1S	Field Sample		11/15/2002	STL-VT	91001	276.16	g	D422	ASTM	425	uM	sand	#40	75.4	Percent Finer
RMD1S	Field Sample		11/15/2002	STL-VT	91001	276.16	g	D422	ASTM	425	uM	sand	#40	9.5	Percent Incremental
RMD1S	Field Sample		11/15/2002	STL-VT	91001	276.16	g	D422	ASTM	850	uM	sand	#20	84.8	Percent Finer
RMD1S	Field Sample		11/15/2002	STL-VT	91001	276.16	g	D422	ASTM	850	uM	sand	#20	9.4	Percent Incremental
RMD1S	Field Sample		11/15/2002	STL-VT	91001	276.16	g	D422	ASTM	2000	uM	sand	#10	94.2	Percent Finer
RMD1S	Field Sample		11/15/2002	STL-VT	91001	276.16	g	D422	ASTM	2000	uM	sand	#10	4.9	Percent Incremental
RMD1S	Field Sample		11/15/2002	STL-VT	91001	276.16	g	D422	ASTM	4750	uM	gravel	#4	99.1	Percent Finer
RMD1S	Field Sample		11/15/2002	STL-VT	91001	276.16	g	D422	ASTM	4750	uM	gravel	#4	0.9	Percent Incremental
RMD1S	Field Sample		11/15/2002	STL-VT	91001	276.16	g	D422	ASTM	9500	uM	gravel	3/8 Inch	100	Percent Finer
RMD1S	Field Sample		11/15/2002	STL-VT	91001	276.16	g	D422	ASTM	9500	uM	gravel	3/8 Inch	0	Percent Incremental
RMD1S	Field Sample		11/15/2002	STL-VT	91001	276.16	g	D422	ASTM	19000	uM	gravel	3/4 Inch	100	Percent Finer
RMD1S	Field Sample		11/15/2002	STL-VT	91001	276.16	g	D422	ASTM	19000	uM	gravel	3/4 Inch	0	Percent Incremental
RMD1S	Field Sample		11/15/2002	STL-VT	91001	276.16	g	D422	ASTM	25000	uM	gravel	1 Inch	100	Percent Finer
RMD1S	Field Sample		11/15/2002	STL-VT	91001	276.16	g	D422	ASTM	25000	uM	gravel	1 Inch	0	Percent Incremental
RMD1S	Field Sample		11/15/2002	STL-VT	91001	276.16	g	D422	ASTM	37500	uM	gravel	1.5 Inch	100	Percent Finer
RMD1S	Field Sample		11/15/2002	STL-VT	91001	276.16	g	D422	ASTM	37500	uM	gravel	1.5 Inch	0	Percent Incremental
RMD1S	Field Sample		11/15/2002	STL-VT	91001	276.16	g	D422	ASTM	50000	uM	gravel	2 Inch	100	Percent Finer
RMD1S	Field Sample		11/15/2002	STL-VT	91001	276.16	g	D422	ASTM	50000	uM	gravel	2 Inch	0	Percent Incremental
RMD1S	Field Sample		11/15/2002	STL-VT	91001	276.16	g	D422	ASTM	75000	uM	gravel	3 Inch	100	Percent Finer
RMD1S	Field Sample		11/15/2002	STL-VT	91001	276.16	g	D422	ASTM	75000	uM	gravel	3 Inch	0	Percent Incremental
RMM1S	Field Sample		11/15/2002	STL-VT	91001	280.35	g	D422	ASTM	1.4	uM	clay		1	Percent Finer
RMM1S	Field Sample		11/15/2002	STL-VT	91001	280.35	g	D422	ASTM	1.4	uM	clay		0.4	Percent Incremental
RMM1S	Field Sample		11/15/2002	STL-VT	91001	280.35	g	D422	ASTM	3.5	uM	clay		1.4	Percent Finer
RMM1S	Field Sample		11/15/2002	STL-VT	91001	280.35	g	D422	ASTM	3.5	uM	clay		0	Percent Incremental
RMM1S	Field Sample		11/15/2002	STL-VT	91001	280.35	g	D422	ASTM	7	uM	silt		1.4	Percent Finer
RMM1S	Field Sample		11/15/2002	STL-VT	91001	280.35	g	D422	ASTM	7	uM	silt		0	Percent Incremental
RMM1S	Field Sample		11/15/2002	STL-VT	91001	280.35	g	D422	ASTM	9.6	uM	silt		1.4	Percent Finer
RMM1S	Field Sample		11/15/2002	STL-VT	91001	280.35	g	D422	ASTM	9.6	uM	silt		0	Percent Incremental
RMM1S	Field Sample		11/15/2002	STL-VT	91001	280.35	g	D422	ASTM	13.8	uM	silt		1.4	Percent Finer
RMM1S	Field Sample		11/15/2002	STL-VT	91001	280.35	g	D422	ASTM	13.8	uM	silt		0	Percent Incremental
RMM1S	Field Sample		11/15/2002	STL-VT	91001	280.35	g	D422	ASTM	24	uM	silt		1.4	Percent Finer
RMM1S	Field Sample		11/15/2002	STL-VT	91001	280.35	g	D422	ASTM	24	uM	silt		0	Percent Incremental
RMM1S	Field Sample		11/15/2002	STL-VT	91001	280.35	g	D422	ASTM	38	uM	silt		1.4	Percent Finer
RMM1S	Field Sample		11/15/2002	STL-VT	91001	280.35	g	D422	ASTM	38	uM	silt		1.2	Percent Incremental
RMM1S	Field Sample		11/15/2002	STL-VT	91001	280.35	g	D422	ASTM	75	uM	sand	#200	2.6	Percent Finer
RMM1S	Field Sample		11/15/2002	STL-VT	91001	280.35	g	D422	ASTM	75	uM	sand	#200	5.2	Percent Incremental
RMM1S	Field Sample		11/15/2002	STL-VT	91001	280.35	g	D422	ASTM	150	uM	sand	#100	7.9	Percent Finer
RMM1S	Field Sample		11/15/2002	STL-VT	91001	280.35	g	D422	ASTM	150	uM	sand	#100	3.7	Percent Incremental
RMM1S	Field Sample		11/15/2002	STL-VT	91001	280.35	g	D422	ASTM	180	uM	sand	#80	11.6	Percent Finer
RMM1S	Field Sample		11/15/2002	STL-VT	91001	280.35	g	D422	ASTM	180	uM	sand	#80	18.8	Percent Incremental
RMM1S	Field Sample		11/15/2002	STL-VT	91001	280.35	g	D422	ASTM	250	uM	sand	#60	30.3	Percent Finer
RMM1S	Field Sample		11/15/2002	STL-VT	91001	280.35	g	D422	ASTM	250	uM	sand	#60	22.7	Percent Incremental
RMM1S	Field Sample		11/15/2002	STL-VT	91001	280.35	g	D422	ASTM	425	uM	sand	#40	53.1	Percent Finer
RMM1S	Field Sample		11/15/2002	STL-VT	91001	280.35	g	D422	ASTM	425	uM	sand	#40	22.5	Percent Incremental
RMM1S	Field Sample		11/15/2002	STL-VT	91001	280.35	g	D422	ASTM	850	uM	sand	#20	75.6	Percent Finer
RMM1S	Field Sample		11/15/2002	STL-VT	91001	280.35	g	D422	ASTM	850	uM	sand	#20	10.4	Percent Incremental
RMM1S	Field Sample		11/15/2002	STL-VT	91001	280.35	g	D422	ASTM	2000	uM	sand	#10	86.1	Percent Finer
RMM1S	Field Sample		11/15/2002	STL-VT	91001	280.35	g	D422	ASTM	2000	uM	sand	#10	5.1	Percent Incremental
RMM1S	Field Sample		11/15/2002	STL-VT	91001	280.35	g	D422	ASTM	4750	uM	gravel	#4	91.1	Percent Finer
RMM1S	Field Sample		11/15/2002	STL-VT	91001	280.35	g	D422	ASTM	4750	uM	gravel	#4	6.2	Percent Incremental
RMM1S	Field Sample		11/15/2002	STL-VT	91001	280.35	g	D422	ASTM	9500	uM	gravel	3/8 Inch	97.3	Percent Finer
RMM1S	Field Sample		11/15/2002	STL-VT	91001	280.35	g	D422	ASTM	9500	uM	gravel	3/8 Inch	2.7	Percent Incremental
RMM1S	Field Sample		11/15/2002	STL-VT	91001	280.35	g	D422	ASTM	19000	uM	gravel	3/4 Inch	100	Percent Finer
RMM1S	Field Sample		11/15/2002	STL-VT	91001	280.35	g	D422	ASTM	19000	uM	gravel	3/4 Inch	0	Percent Incremental
RMM1S	Field Sample		11/15/2002	STL-VT	91001	280.35	g	D422	ASTM	25000	uM	gravel	1 Inch	100	Percent Finer
RMM1S	Field Sample		11/15/2002	STL-VT	91001	280.35	g	D422	ASTM	25000	uM	gravel	1 Inch	0	Percent Incremental
RMM1S	Field Sample		11/15/2002	STL-VT	91001	280.35	g	D422	ASTM	37500	uM	gravel	1.5 Inch	100	Percent Finer
RMM1S	Field Sample		11/15/2002	STL-VT	91001	280.35	g	D422	ASTM	37500	uM	gravel	1.5 Inch	0	Percent Incremental
RMM1S	Field Sample		11/15/2002	STL-VT	91001	280.35	g	D422	ASTM	50000	uM	gravel	2 Inch	100	Percent Finer
RMM1S	Field Sample		11/15/2002	STL-VT	91001	280.35	g	D422	ASTM	50000	uM	gravel	2 Inch	0	Percent Incremental
RMM1S	Field Sample		11/15/2002	STL-VT	91001	280.35	g	D422	ASTM	75000	uM	gravel	3 Inch	100	Percent Finer
RMM1S	Field Sample		11/15/2002	STL-VT	91001	280.35	g	D422	ASTM	75000	uM	gravel	3 Inch	0	Percent Incremental
RMU1S	Field Sample		11/15/2002	STL-VT	91001	311.12	g	D422	ASTM	1.4	uM	clay		1.2	Percent Finer
RMU1S	Field Sample		11/15/2002	STL-VT	91001	311.12	g	D422	ASTM	1.4	uM	clay		0.1	Percent Incremental
RMU1S	Field Sample		11/15/2002	STL-VT	91001	311.12	g	D422	ASTM	3.3	uM	clay		1.3	Percent Finer
RMU1S	Field Sample		11/15/2002	STL-VT	91001	311.12	g	D422	ASTM	3.3	uM	clay		0.3	Percent Incremental
RMU1S	Field Sample		11/15/2002	STL-VT	91001	311.12	g	D422	ASTM	6.9	uM	silt		1.5	Percent Finer
RMU1S	Field Sample		11/15/2002	STL-VT	91001	311.12	g	D422	ASTM	6.9	uM	silt		0	Percent Incremental

Appendix B-A

Results of Grain-Size Analysis of Sediments Collected from Mississippi River near Stauget Area 2 Sites

Sample-ID	Sample Type	Period	Sample Date	Lab	SDG/SDL/FR	Sample Size	Sieve Units	Classification	Reference	Particle Size	Particle Size Units	3rd Classification	Sieve Size	Result	Result Units
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	3/1.12	1	[illegible]	ASTM	0.7	ob	sb		1.5	Percent Finer
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	3/1.12	1	[illegible]	ASTM	0.7	ob	sb		0.5	Percent Incremental
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	3/1.12	1	[illegible]	ASTM	13.7	ob	sb		1.5	Percent Finer
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	3/1.12	1	[illegible]	ASTM	13.7	ob	sb		0	Percent Incremental
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	3/1.12	1	[illegible]	ASTM	34	ob	sb		1.5	Percent Finer
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	3/1.12	1	[illegible]	ASTM	34	ob	sb		0.5	Percent Incremental
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	3/1.12	1	[illegible]	ASTM	37	ob	sb		2.5	Percent Finer
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	3/1.12	1	[illegible]	ASTM	37	ob	sb		4	Percent Incremental
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	3/1.12	1	[illegible]	ASTM	75	ob	sand	[illegible]	6.5	Percent Finer
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	3/1.12	1	[illegible]	ASTM	75	ob	sand	[illegible]	6.5	Percent Incremental
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	3/1.12	1	[illegible]	ASTM	150	ob	sand	[illegible]	14.7	Percent Finer
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	3/1.12	1	[illegible]	ASTM	150	ob	sand	[illegible]	3.4	Percent Incremental
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	3/1.12	1	[illegible]	ASTM	150	ob	sand	[illegible]	10	Percent Finer
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	3/1.12	1	[illegible]	ASTM	150	ob	sand	[illegible]	11.6	Percent Incremental
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	3/1.12	1	[illegible]	ASTM	300	ob	sand	[illegible]	20.6	Percent Finer
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	3/1.12	1	[illegible]	ASTM	300	ob	sand	[illegible]	10.0	Percent Incremental
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	3/1.12	1	[illegible]	ASTM	425	ob	sand	[illegible]	40.6	Percent Finer
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	3/1.12	1	[illegible]	ASTM	425	ob	sand	[illegible]	0.5	Percent Incremental
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	3/1.12	1	[illegible]	ASTM	600	ob	sand	[illegible]	40	Percent Finer
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	3/1.12	1	[illegible]	ASTM	600	ob	sand	[illegible]	10	Percent Incremental
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	3/1.12	1	[illegible]	ASTM	2000	ob	sand	[illegible]	30	Percent Finer
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	3/1.12	1	[illegible]	ASTM	2000	ob	sand	[illegible]	20.6	Percent Incremental
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	3/1.12	1	[illegible]	ASTM	4750	ob	gravel	#4	70.6	Percent Finer
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	3/1.12	1	[illegible]	ASTM	4750	ob	gravel	#4	10.6	Percent Incremental
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	3/1.12	1	[illegible]	ASTM	[illegible]	ob	gravel	3/8-inch	83.5	Percent Finer
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	3/1.12	1	[illegible]	ASTM	[illegible]	ob	gravel	3/8-inch	4.9	Percent Incremental
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	3/1.12	1	[illegible]	ASTM	[illegible]	ob	gravel	3/4-inch	100	Percent Finer
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	3/1.12	1	[illegible]	ASTM	[illegible]	ob	gravel	3/4-inch	0	Percent Incremental
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	3/1.12	1	[illegible]	ASTM	[illegible]	ob	gravel	1-inch	100	Percent Finer
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	3/1.12	1	[illegible]	ASTM	[illegible]	ob	gravel	1-inch	0	Percent Incremental
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	3/1.12	1	[illegible]	ASTM	[illegible]	ob	gravel	1.5-inch	100	Percent Finer
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	3/1.12	1	[illegible]	ASTM	[illegible]	ob	gravel	1.5-inch	0	Percent Incremental
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	3/1.12	1	[illegible]	ASTM	[illegible]	ob	gravel	2-inch	100	Percent Finer
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	3/1.12	1	[illegible]	ASTM	[illegible]	ob	gravel	2-inch	0	Percent Incremental
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	3/1.12	1	[illegible]	ASTM	[illegible]	ob	gravel	3-inch	100	Percent Finer
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	3/1.12	1	[illegible]	ASTM	[illegible]	ob	gravel	3-inch	0	Percent Incremental
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	20/1.0	1	[illegible]	ASTM	1.4	ob	clay		1.5	Percent Finer
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	20/1.0	1	[illegible]	ASTM	1.4	ob	clay		0.5	Percent Incremental
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	20/1.0	1	[illegible]	ASTM	3.4	ob	clay		1.5	Percent Finer
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	20/1.0	1	[illegible]	ASTM	3.4	ob	clay		0	Percent Incremental
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	20/1.0	1	[illegible]	ASTM	6.5	ob	sb		1.5	Percent Finer
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	20/1.0	1	[illegible]	ASTM	6.5	ob	sb		0	Percent Incremental
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	20/1.0	1	[illegible]	ASTM	10	ob	sb		1.5	Percent Finer
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	20/1.0	1	[illegible]	ASTM	10	ob	sb		6.5	Percent Incremental
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	20/1.0	1	[illegible]	ASTM	15.5	ob	sb		1.5	Percent Finer
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	20/1.0	1	[illegible]	ASTM	15.5	ob	sb		0	Percent Incremental
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	20/1.0	1	[illegible]	ASTM	34	ob	sb		1.5	Percent Finer
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	20/1.0	1	[illegible]	ASTM	34	ob	sb		0	Percent Incremental
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	20/1.0	1	[illegible]	ASTM	38	ob	sb		1.5	Percent Finer
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	20/1.0	1	[illegible]	ASTM	38	ob	sb		1	Percent Incremental
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	20/1.0	1	[illegible]	ASTM	75	ob	sand	[illegible]	2.5	Percent Finer
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	20/1.0	1	[illegible]	ASTM	75	ob	sand	[illegible]	0.5	Percent Incremental
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	20/1.0	1	[illegible]	ASTM	150	ob	sand	[illegible]	2.5	Percent Finer
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	20/1.0	1	[illegible]	ASTM	150	ob	sand	[illegible]	0.5	Percent Incremental
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	20/1.0	1	[illegible]	ASTM	150	ob	sand	[illegible]	3.1	Percent Finer
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	20/1.0	1	[illegible]	ASTM	150	ob	sand	[illegible]	10.3	Percent Incremental
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	20/1.0	1	[illegible]	ASTM	300	ob	sand	[illegible]	13.3	Percent Finer
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	20/1.0	1	[illegible]	ASTM	300	ob	sand	[illegible]	42.3	Percent Incremental
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	20/1.0	1	[illegible]	ASTM	425	ob	sand	[illegible]	35.4	Percent Finer
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	20/1.0	1	[illegible]	ASTM	425	ob	sand	[illegible]	35.1	Percent Incremental
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	20/1.0	1	[illegible]	ASTM	600	ob	sand	[illegible]	91.7	Percent Finer
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	20/1.0	1	[illegible]	ASTM	600	ob	sand	[illegible]	7	Percent Incremental
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	20/1.0	1	[illegible]	ASTM	2000	ob	sand	[illegible]	98.7	Percent Finer
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	20/1.0	1	[illegible]	ASTM	2000	ob	sand	[illegible]	1.3	Percent Incremental
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	20/1.0	1	[illegible]	ASTM	4750	ob	gravel	#4	100	Percent Finer
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	20/1.0	1	[illegible]	ASTM	4750	ob	gravel	#4	0	Percent Incremental
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	20/1.0	1	[illegible]	ASTM	[illegible]	ob	gravel	3/8-inch	100	Percent Finer
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	20/1.0	1	[illegible]	ASTM	[illegible]	ob	gravel	3/8-inch	0	Percent Incremental
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	20/1.0	1	[illegible]	ASTM	[illegible]	ob	gravel	3/4-inch	100	Percent Finer
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	20/1.0	1	[illegible]	ASTM	[illegible]	ob	gravel	3/4-inch	0	Percent Incremental
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	20/1.0	1	[illegible]	ASTM	[illegible]	ob	gravel	1-inch	100	Percent Finer
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	20/1.0	1	[illegible]	ASTM	[illegible]	ob	gravel	1-inch	0	Percent Incremental
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	20/1.0	1	[illegible]	ASTM	[illegible]	ob	gravel	1.5-inch	100	Percent Finer
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	20/1.0	1	[illegible]	ASTM	[illegible]	ob	gravel	1.5-inch	0	Percent Incremental
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	20/1.0	1	[illegible]	ASTM	[illegible]	ob	gravel	2-inch	100	Percent Finer
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	20/1.0	1	[illegible]	ASTM	[illegible]	ob	gravel	2-inch	0	Percent Incremental
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	20/1.0	1	[illegible]	ASTM	[illegible]	ob	gravel	3-inch	100	Percent Finer
[illegible]	Rep/Sample		[illegible]	SIL-IT	[illegible]	20/1.0	1	[illegible]	ASTM	[illegible]	ob	gravel	3-inch	0	Percent Incremental

Appendix II-A
Results of Grain-Size Analysis of Sediments Collected from Mississippi River near Sauget Area 2 Sites

Sample ID	Sample Type	Parent	Sample Date	Lab	SDG (STL-VT)	Sample Mass	Mass Units	Test Method	Reference	Particle Size	Particle Size Units	Soil Classification	Sieve Size	Result	Result Units
R4BMIS	Field Sample		11/15/2002	STL-VT	91001	272.44	g	D422	ASTM	1.4	uM	clay		0.4	Percent Finer
R4BMIS	Field Sample		11/15/2002	STL-VT	91001	272.44	g	D422	ASTM	1.4	uM	clay		0.4	Percent Incremental
R4BMIS	Field Sample		11/15/2002	STL-VT	91001	272.44	g	D422	ASTM	3.4	uM	clay		0.9	Percent Finer
R4BMIS	Field Sample		11/15/2002	STL-VT	91001	272.44	g	D422	ASTM	3.4	uM	clay		0	Percent Incremental
R4BMIS	Field Sample		11/15/2002	STL-VT	91001	272.44	g	D422	ASTM	7	uM	silt		0.9	Percent Finer
R4BMIS	Field Sample		11/15/2002	STL-VT	91001	272.44	g	D422	ASTM	7	uM	silt		0	Percent Incremental
R4BMIS	Field Sample		11/15/2002	STL-VT	91001	272.44	g	D422	ASTM	9.5	uM	silt		0.9	Percent Finer
R4BMIS	Field Sample		11/15/2002	STL-VT	91001	272.44	g	D422	ASTM	9.5	uM	silt		0	Percent Incremental
R4BMIS	Field Sample		11/15/2002	STL-VT	91001	272.44	g	D422	ASTM	13.9	uM	silt		0.9	Percent Finer
R4BMIS	Field Sample		11/15/2002	STL-VT	91001	272.44	g	D422	ASTM	13.9	uM	silt		0	Percent Incremental
R4BMIS	Field Sample		11/15/2002	STL-VT	91001	272.44	g	D422	ASTM	24	uM	silt		0.9	Percent Finer
R4BMIS	Field Sample		11/15/2002	STL-VT	91001	272.44	g	D422	ASTM	24	uM	silt		0	Percent Incremental
R4BMIS	Field Sample		11/15/2002	STL-VT	91001	272.44	g	D422	ASTM	36	uM	silt		0.9	Percent Finer
R4BMIS	Field Sample		11/15/2002	STL-VT	91001	272.44	g	D422	ASTM	36	uM	silt		1	Percent Incremental
R4BMIS	Field Sample		11/15/2002	STL-VT	91001	272.44	g	D422	ASTM	75	uM	sand	#200	1.9	Percent Finer
R4BMIS	Field Sample		11/15/2002	STL-VT	91001	272.44	g	D422	ASTM	75	uM	sand	#200	1.9	Percent Incremental
R4BMIS	Field Sample		11/15/2002	STL-VT	91001	272.44	g	D422	ASTM	150	uM	sand	#100	3.8	Percent Finer
R4BMIS	Field Sample		11/15/2002	STL-VT	91001	272.44	g	D422	ASTM	150	uM	sand	#100	3.2	Percent Incremental
R4BMIS	Field Sample		11/15/2002	STL-VT	91001	272.44	g	D422	ASTM	180	uM	sand	#60	7	Percent Finer
R4BMIS	Field Sample		11/15/2002	STL-VT	91001	272.44	g	D422	ASTM	180	uM	sand	#60	16.5	Percent Incremental
R4BMIS	Field Sample		11/15/2002	STL-VT	91001	272.44	g	D422	ASTM	250	uM	sand	#60	23.5	Percent Finer
R4BMIS	Field Sample		11/15/2002	STL-VT	91001	272.44	g	D422	ASTM	250	uM	sand	#60	40	Percent Incremental
R4BMIS	Field Sample		11/15/2002	STL-VT	91001	272.44	g	D422	ASTM	425	uM	sand	#40	63.5	Percent Finer
R4BMIS	Field Sample		11/15/2002	STL-VT	91001	272.44	g	D422	ASTM	425	uM	sand	#40	30.7	Percent Incremental
R4BMIS	Field Sample		11/15/2002	STL-VT	91001	272.44	g	D422	ASTM	850	uM	sand	#20	94.2	Percent Finer
R4BMIS	Field Sample		11/15/2002	STL-VT	91001	272.44	g	D422	ASTM	850	uM	sand	#20	4.8	Percent Incremental
R4BMIS	Field Sample		11/15/2002	STL-VT	91001	272.44	g	D422	ASTM	2000	uM	sand	#10	99	Percent Finer
R4BMIS	Field Sample		11/15/2002	STL-VT	91001	272.44	g	D422	ASTM	2000	uM	sand	#10	0.7	Percent Incremental
R4BMIS	Field Sample		11/15/2002	STL-VT	91001	272.44	g	D422	ASTM	4750	uM	gravel	#4	99.7	Percent Finer
R4BMIS	Field Sample		11/15/2002	STL-VT	91001	272.44	g	D422	ASTM	4750	uM	gravel	#4	0.3	Percent Incremental
R4BMIS	Field Sample		11/15/2002	STL-VT	91001	272.44	g	D422	ASTM	9500	uM	gravel	3/8 Inch	100	Percent Finer
R4BMIS	Field Sample		11/15/2002	STL-VT	91001	272.44	g	D422	ASTM	9500	uM	gravel	3/8 Inch	0	Percent Incremental
R4BMIS	Field Sample		11/15/2002	STL-VT	91001	272.44	g	D422	ASTM	19000	uM	gravel	3/4 Inch	100	Percent Finer
R4BMIS	Field Sample		11/15/2002	STL-VT	91001	272.44	g	D422	ASTM	19000	uM	gravel	3/4 Inch	0	Percent Incremental
R4BMIS	Field Sample		11/15/2002	STL-VT	91001	272.44	g	D422	ASTM	25000	uM	gravel	1 Inch	100	Percent Finer
R4BMIS	Field Sample		11/15/2002	STL-VT	91001	272.44	g	D422	ASTM	25000	uM	gravel	1 Inch	0	Percent Incremental
R4BMIS	Field Sample		11/15/2002	STL-VT	91001	272.44	g	D422	ASTM	37500	uM	gravel	1.5 Inch	100	Percent Finer
R4BMIS	Field Sample		11/15/2002	STL-VT	91001	272.44	g	D422	ASTM	37500	uM	gravel	1.5 Inch	0	Percent Incremental
R4BMIS	Field Sample		11/15/2002	STL-VT	91001	272.44	g	D422	ASTM	50000	uM	gravel	2 Inch	100	Percent Finer
R4BMIS	Field Sample		11/15/2002	STL-VT	91001	272.44	g	D422	ASTM	50000	uM	gravel	2 Inch	0	Percent Incremental
R4BMIS	Field Sample		11/15/2002	STL-VT	91001	272.44	g	D422	ASTM	75000	uM	gravel	3 Inch	100	Percent Finer
R4BMIS	Field Sample		11/15/2002	STL-VT	91001	272.44	g	D422	ASTM	75000	uM	gravel	3 Inch	0	Percent Incremental
R4BU1S	Field Sample		11/15/2002	STL-VT	91001	258.17	g	D422	ASTM	1.4	uM	clay		0.8	Percent Finer
R4BU1S	Field Sample		11/15/2002	STL-VT	91001	258.17	g	D422	ASTM	1.4	uM	clay		0.5	Percent Incremental
R4BU1S	Field Sample		11/15/2002	STL-VT	91001	258.17	g	D422	ASTM	3.3	uM	clay		1.2	Percent Finer
R4BU1S	Field Sample		11/15/2002	STL-VT	91001	258.17	g	D422	ASTM	3.3	uM	clay		0	Percent Incremental
R4BU1S	Field Sample		11/15/2002	STL-VT	91001	258.17	g	D422	ASTM	7	uM	silt		1.2	Percent Finer
R4BU1S	Field Sample		11/15/2002	STL-VT	91001	258.17	g	D422	ASTM	7	uM	silt		0.3	Percent Incremental
R4BU1S	Field Sample		11/15/2002	STL-VT	91001	258.17	g	D422	ASTM	9.6	uM	silt		1.6	Percent Finer
R4BU1S	Field Sample		11/15/2002	STL-VT	91001	258.17	g	D422	ASTM	9.6	uM	silt		0	Percent Incremental
R4BU1S	Field Sample		11/15/2002	STL-VT	91001	258.17	g	D422	ASTM	13.8	uM	silt		1.6	Percent Finer
R4BU1S	Field Sample		11/15/2002	STL-VT	91001	258.17	g	D422	ASTM	13.8	uM	silt		0	Percent Incremental
R4BU1S	Field Sample		11/15/2002	STL-VT	91001	258.17	g	D422	ASTM	24	uM	silt		1.6	Percent Finer
R4BU1S	Field Sample		11/15/2002	STL-VT	91001	258.17	g	D422	ASTM	24	uM	silt		0	Percent Incremental
R4BU1S	Field Sample		11/15/2002	STL-VT	91001	258.17	g	D422	ASTM	36	uM	silt		1.6	Percent Finer
R4BU1S	Field Sample		11/15/2002	STL-VT	91001	258.17	g	D422	ASTM	36	uM	silt		0.9	Percent Incremental
R4BU1S	Field Sample		11/15/2002	STL-VT	91001	258.17	g	D422	ASTM	75	uM	sand	#200	2.4	Percent Finer
R4BU1S	Field Sample		11/15/2002	STL-VT	91001	258.17	g	D422	ASTM	75	uM	sand	#200	1.8	Percent Incremental
R4BU1S	Field Sample		11/15/2002	STL-VT	91001	258.17	g	D422	ASTM	150	uM	sand	#100	4.4	Percent Finer
R4BU1S	Field Sample		11/15/2002	STL-VT	91001	258.17	g	D422	ASTM	150	uM	sand	#100	2.0	Percent Incremental
R4BU1S	Field Sample		11/15/2002	STL-VT	91001	258.17	g	D422	ASTM	180	uM	sand	#60	6.9	Percent Finer
R4BU1S	Field Sample		11/15/2002	STL-VT	91001	258.17	g	D422	ASTM	180	uM	sand	#60	14.5	Percent Incremental
R4BU1S	Field Sample		11/15/2002	STL-VT	91001	258.17	g	D422	ASTM	250	uM	sand	#40	21.3	Percent Finer
R4BU1S	Field Sample		11/15/2002	STL-VT	91001	258.17	g	D422	ASTM	250	uM	sand	#40	23.2	Percent Incremental
R4BU1S	Field Sample		11/15/2002	STL-VT	91001	258.17	g	D422	ASTM	425	uM	sand	#40	44.5	Percent Finer
R4BU1S	Field Sample		11/15/2002	STL-VT	91001	258.17	g	D422	ASTM	425	uM	sand	#40	37.8	Percent Incremental
R4BU1S	Field Sample		11/15/2002	STL-VT	91001	258.17	g	D422	ASTM	850	uM	sand	#20	82.4	Percent Finer
R4BU1S	Field Sample		11/15/2002	STL-VT	91001	258.17	g	D422	ASTM	850	uM	sand	#20	15.7	Percent Incremental
R4BU1S	Field Sample		11/15/2002	STL-VT	91001	258.17	g	D422	ASTM	2000	uM	sand	#10	98.1	Percent Finer
R4BU1S	Field Sample		11/15/2002	STL-VT	91001	258.17	g	D422	ASTM	2000	uM	sand	#10	1.5	Percent Incremental
R4BU1S	Field Sample		11/15/2002	STL-VT	91001	258.17	g	D422	ASTM	4750	uM	gravel	#4	99.6	Percent Finer
R4BU1S	Field Sample		11/15/2002	STL-VT	91001	258.17	g	D422	ASTM	4750	uM	gravel	#4	0.4	Percent Incremental
R4BU1S	Field Sample		11/15/2002	STL-VT	91001	258.17	g	D422	ASTM	9500	uM	gravel	3/8 Inch	100	Percent Finer
R4BU1S	Field Sample		11/15/2002	STL-VT	91001	258.17	g	D422	ASTM	9500	uM	gravel	3/8 Inch	0	Percent Incremental
R4BU1S	Field Sample		11/15/2002	STL-VT	91001	258.17	g	D422	ASTM	19000	uM	gravel	3/4 Inch	100	Percent Finer
R4BU1S	Field Sample		11/15/2002	STL-VT	91001	258.17	g	D422	ASTM	19000	uM	gravel	3/4 Inch	0	Percent Incremental
R4BU1S	Field Sample		11/15/2002	STL-VT	91001	258.17	g	D422	ASTM	25000	uM	gravel	1 Inch	100	Percent Finer
R4BU1S	Field Sample		11/15/2002	STL-VT	91001	258.17	g	D422	ASTM	25000	uM	gravel	1 Inch	0	Percent Incremental

Appendix II-A
Results of Grain-Size Analysis of Sediments Collected from Mississippi River near Sauget Area 2 Sites

Sample ID	Sample Type	Parent	Sample Date	Lab	SDG (SRL-##)	Sample Mass	Mass Units	Test Method	Reference	Particle Size	Particle Size Units	Soil Classification	Sieve Size	Result	Result Units
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	1.5inch	100	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	1.5inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	2inch	100	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	2inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	3inch	100	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	3inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.4	[illegible]	clay		0.7	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.4	[illegible]	clay		0.1	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.5	[illegible]	clay		[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.5	[illegible]	clay		0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7	[illegible]	silt		[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7	[illegible]	silt		0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9.7	[illegible]	silt		[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9.7	[illegible]	silt		0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13.9	[illegible]	silt		[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13.9	[illegible]	silt		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24	[illegible]	silt		[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24	[illegible]	silt		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	silt		[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	silt		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75	[illegible]	sand	[illegible]	1.7	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	7.7	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	[illegible]	100	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	[illegible]	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	1inch	100	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	1inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	1.5inch	100	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	1.5inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	2inch	100	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	2inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	3inch	100	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	3inch	0	Percent Incremental
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.4	[illegible]	clay		[illegible]	Percent Finer
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.4	[illegible]	clay		[illegible]	Percent Incremental
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.4	[illegible]	clay		1.4	Percent Finer
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.4	[illegible]	clay		0	Percent Incremental
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7	[illegible]	silt		1.4	Percent Finer
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7	[illegible]	silt		0	Percent Incremental
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9.9	[illegible]	silt		1.4	Percent Finer
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9.9	[illegible]	silt		0	Percent Incremental
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13.8	[illegible]	silt		1.4	Percent Finer
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13.8	[illegible]	silt		0	Percent Incremental
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24	[illegible]	silt		1.4	Percent Finer
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24	[illegible]	silt		0	Percent Incremental
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	silt		1.4	Percent Finer
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	silt		[illegible]	Percent Incremental
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75	[illegible]	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	74.7	Percent Finer
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	[illegible]	[illegible]	Percent Incremental

Appendix II-A
Results of Grain-Size Analysis of Sediments Collected from Mississippi River near Sauget Area 2 Sites

Sample ID	Sample Type	Parent	Sample Date	Lab	SDG (STL-VT)	Sample Mass	Mass Units	Test Method	Reference	Particle Size	Particle Size Units	Soil Classification	Sieve Size	Result	Result Units
R4CM2S	Field Duplicate	R4CM1S	11/15/2002	STL-VT	91001	280.63	g	D422	ASTM	9500	uM	gravel	3/8 Inch	100	Percent Finer
R4CM2S	Field Duplicate	R4CM1S	11/15/2002	STL-VT	91001	280.63	g	D422	ASTM	9500	uM	gravel	3/8 Inch	0	Percent Incremental
R4CM2S	Field Duplicate	R4CM1S	11/15/2002	STL-VT	91001	280.63	g	D422	ASTM	19000	uM	gravel	3/4 Inch	100	Percent Finer
R4CM2S	Field Duplicate	R4CM1S	11/15/2002	STL-VT	91001	280.63	g	D422	ASTM	19000	uM	gravel	3/4 Inch	0	Percent Incremental
R4CM2S	Field Duplicate	R4CM1S	11/15/2002	STL-VT	91001	280.63	g	D422	ASTM	25000	uM	gravel	1 Inch	100	Percent Finer
R4CM2S	Field Duplicate	R4CM1S	11/15/2002	STL-VT	91001	280.63	g	D422	ASTM	25000	uM	gravel	1 Inch	0	Percent Incremental
R4CM2S	Field Duplicate	R4CM1S	11/15/2002	STL-VT	91001	280.63	g	D422	ASTM	37500	uM	gravel	1.5 Inch	100	Percent Finer
R4CM2S	Field Duplicate	R4CM1S	11/15/2002	STL-VT	91001	280.63	g	D422	ASTM	37500	uM	gravel	1.5 Inch	0	Percent Incremental
R4CM2S	Field Duplicate	R4CM1S	11/15/2002	STL-VT	91001	280.63	g	D422	ASTM	50000	uM	gravel	2 Inch	100	Percent Finer
R4CM2S	Field Duplicate	R4CM1S	11/15/2002	STL-VT	91001	280.63	g	D422	ASTM	50000	uM	gravel	2 Inch	0	Percent Incremental
R4CM2S	Field Duplicate	R4CM1S	11/15/2002	STL-VT	91001	280.63	g	D422	ASTM	75000	uM	gravel	3 Inch	100	Percent Finer
R4CM2S	Field Duplicate	R4CM1S	11/15/2002	STL-VT	91001	280.63	g	D422	ASTM	75000	uM	gravel	3 Inch	0	Percent Incremental
R5AM1S	Field Sample		12/11/2002	STL-VT	90929	174.5	g	D422	ASTM	1.4	uM	clay		4.1	Percent Finer
R5AM1S	Field Sample		12/11/2002	STL-VT	90929	174.5	g	D422	ASTM	1.4	uM	clay		0	Percent Incremental
R5AM1S	Field Sample		12/11/2002	STL-VT	90929	174.5	g	D422	ASTM	3.4	uM	clay		4.1	Percent Finer
R5AM1S	Field Sample		12/11/2002	STL-VT	90929	174.5	g	D422	ASTM	3.4	uM	clay		0.5	Percent Incremental
R5AM1S	Field Sample		12/11/2002	STL-VT	90929	174.5	g	D422	ASTM	6.8	uM	silt		4.6	Percent Finer
R5AM1S	Field Sample		12/11/2002	STL-VT	90929	174.5	g	D422	ASTM	6.8	uM	silt		0	Percent Incremental
R5AM1S	Field Sample		12/11/2002	STL-VT	90929	174.5	g	D422	ASTM	9.3	uM	silt		4.6	Percent Finer
R5AM1S	Field Sample		12/11/2002	STL-VT	90929	174.5	g	D422	ASTM	9.3	uM	silt		1.4	Percent Incremental
R5AM1S	Field Sample		12/11/2002	STL-VT	90929	174.5	g	D422	ASTM	13.2	uM	silt		6	Percent Finer
R5AM1S	Field Sample		12/11/2002	STL-VT	90929	174.5	g	D422	ASTM	13.2	uM	silt		1.4	Percent Incremental
R5AM1S	Field Sample		12/11/2002	STL-VT	90929	174.5	g	D422	ASTM	22	uM	silt		7.4	Percent Finer
R5AM1S	Field Sample		12/11/2002	STL-VT	90929	174.5	g	D422	ASTM	22	uM	silt		2.3	Percent Incremental
R5AM1S	Field Sample		12/11/2002	STL-VT	90929	174.5	g	D422	ASTM	35	uM	silt		9.7	Percent Finer
R5AM1S	Field Sample		12/11/2002	STL-VT	90929	174.5	g	D422	ASTM	35	uM	silt		14.2	Percent Incremental
R5AM1S	Field Sample		12/11/2002	STL-VT	90929	174.5	g	D422	ASTM	75	uM	sand	#200	23.9	Percent Finer
R5AM1S	Field Sample		12/11/2002	STL-VT	90929	174.5	g	D422	ASTM	75	uM	sand	#200	11.8	Percent Incremental
R5AM1S	Field Sample		12/11/2002	STL-VT	90929	174.5	g	D422	ASTM	150	uM	sand	#100	35.7	Percent Finer
R5AM1S	Field Sample		12/11/2002	STL-VT	90929	174.5	g	D422	ASTM	150	uM	sand	#100	5	Percent Incremental
R5AM1S	Field Sample		12/11/2002	STL-VT	90929	174.5	g	D422	ASTM	180	uM	sand	#80	40.6	Percent Finer
R5AM1S	Field Sample		12/11/2002	STL-VT	90929	174.5	g	D422	ASTM	180	uM	sand	#80	31.9	Percent Incremental
R5AM1S	Field Sample		12/11/2002	STL-VT	90929	174.5	g	D422	ASTM	250	uM	sand	#60	72.5	Percent Finer
R5AM1S	Field Sample		12/11/2002	STL-VT	90929	174.5	g	D422	ASTM	250	uM	sand	#60	25.8	Percent Incremental
R5AM1S	Field Sample		12/11/2002	STL-VT	90929	174.5	g	D422	ASTM	425	uM	sand	#40	98.3	Percent Finer
R5AM1S	Field Sample		12/11/2002	STL-VT	90929	174.5	g	D422	ASTM	425	uM	sand	#40	1.6	Percent Incremental
R5AM1S	Field Sample		12/11/2002	STL-VT	90929	174.5	g	D422	ASTM	850	uM	sand	#20	99.9	Percent Finer
R5AM1S	Field Sample		12/11/2002	STL-VT	90929	174.5	g	D422	ASTM	850	uM	sand	#20	0.1	Percent Incremental
R5AM1S	Field Sample		12/11/2002	STL-VT	90929	174.5	g	D422	ASTM	2000	uM	sand	#10	100	Percent Finer
R5AM1S	Field Sample		12/11/2002	STL-VT	90929	174.5	g	D422	ASTM	2000	uM	sand	#10	0	Percent Incremental
R5AM1S	Field Sample		12/11/2002	STL-VT	90929	174.5	g	D422	ASTM	4750	uM	gravel	#4	100	Percent Finer
R5AM1S	Field Sample		12/11/2002	STL-VT	90929	174.5	g	D422	ASTM	4750	uM	gravel	#4	0	Percent Incremental
R5AM1S	Field Sample		12/11/2002	STL-VT	90929	174.5	g	D422	ASTM	9500	uM	gravel	3/8 Inch	100	Percent Finer
R5AM1S	Field Sample		12/11/2002	STL-VT	90929	174.5	g	D422	ASTM	9500	uM	gravel	3/8 Inch	0	Percent Incremental
R5AM1S	Field Sample		12/11/2002	STL-VT	90929	174.5	g	D422	ASTM	19000	uM	gravel	3/4 Inch	100	Percent Finer
R5AM1S	Field Sample		12/11/2002	STL-VT	90929	174.5	g	D422	ASTM	19000	uM	gravel	3/4 Inch	0	Percent Incremental
R5AM1S	Field Sample		12/11/2002	STL-VT	90929	174.5	g	D422	ASTM	25000	uM	gravel	1 Inch	100	Percent Finer
R5AM1S	Field Sample		12/11/2002	STL-VT	90929	174.5	g	D422	ASTM	25000	uM	gravel	1 Inch	0	Percent Incremental
R5AM1S	Field Sample		12/11/2002	STL-VT	90929	174.5	g	D422	ASTM	37500	uM	gravel	1.5 Inch	100	Percent Finer
R5AM1S	Field Sample		12/11/2002	STL-VT	90929	174.5	g	D422	ASTM	37500	uM	gravel	1.5 Inch	0	Percent Incremental
R5AM1S	Field Sample		12/11/2002	STL-VT	90929	174.5	g	D422	ASTM	50000	uM	gravel	2 Inch	100	Percent Finer
R5AM1S	Field Sample		12/11/2002	STL-VT	90929	174.5	g	D422	ASTM	50000	uM	gravel	2 Inch	0	Percent Incremental
R5AM1S	Field Sample		12/11/2002	STL-VT	90929	174.5	g	D422	ASTM	75000	uM	gravel	3 Inch	100	Percent Finer
R5AM1S	Field Sample		12/11/2002	STL-VT	90929	174.5	g	D422	ASTM	75000	uM	gravel	3 Inch	0	Percent Incremental
R5AM3S	Field Sample		12/11/2002	STL-VT	90929	169.57	g	D422	ASTM	0	uM	gravel	1 Inch	100	Percent Finer
R5AM3S	Field Sample		12/11/2002	STL-VT	90929	169.57	g	D422	ASTM	0	uM	gravel	1 Inch	0	Percent Incremental
R5AM3S	Field Sample		12/11/2002	STL-VT	90929	169.57	g	D422	ASTM	1.4	uM	clay		3.3	Percent Finer
R5AM3S	Field Sample		12/11/2002	STL-VT	90929	169.57	g	D422	ASTM	1.4	uM	clay		0	Percent Incremental
R5AM3S	Field Sample		12/11/2002	STL-VT	90929	169.57	g	D422	ASTM	3.3	uM	clay		3.3	Percent Finer
R5AM3S	Field Sample		12/11/2002	STL-VT	90929	169.57	g	D422	ASTM	3.3	uM	clay		0	Percent Incremental
R5AM3S	Field Sample		12/11/2002	STL-VT	90929	169.57	g	D422	ASTM	6.9	uM	silt		3.3	Percent Finer
R5AM3S	Field Sample		12/11/2002	STL-VT	90929	169.57	g	D422	ASTM	6.9	uM	silt		0.9	Percent Incremental
R5AM3S	Field Sample		12/11/2002	STL-VT	90929	169.57	g	D422	ASTM	9.5	uM	silt		4.3	Percent Finer
R5AM3S	Field Sample		12/11/2002	STL-VT	90929	169.57	g	D422	ASTM	9.5	uM	silt		0.5	Percent Incremental
R5AM3S	Field Sample		12/11/2002	STL-VT	90929	169.57	g	D422	ASTM	13.3	uM	silt		4.7	Percent Finer
R5AM3S	Field Sample		12/11/2002	STL-VT	90929	169.57	g	D422	ASTM	13.3	uM	silt		0.5	Percent Incremental
R5AM3S	Field Sample		12/11/2002	STL-VT	90929	169.57	g	D422	ASTM	23	uM	silt		5.2	Percent Finer
R5AM3S	Field Sample		12/11/2002	STL-VT	90929	169.57	g	D422	ASTM	23	uM	silt		2.8	Percent Incremental
R5AM3S	Field Sample		12/11/2002	STL-VT	90929	169.57	g	D422	ASTM	35	uM	silt		8.1	Percent Finer
R5AM3S	Field Sample		12/11/2002	STL-VT	90929	169.57	g	D422	ASTM	35	uM	silt		7.3	Percent Incremental
R5AM3S	Field Sample		12/11/2002	STL-VT	90929	169.57	g	D422	ASTM	75	uM	sand	#200	15.4	Percent Finer
R5AM3S	Field Sample		12/11/2002	STL-VT	90929	169.57	g	D422	ASTM	75	uM	sand	#200	8.8	Percent Incremental
R5AM3S	Field Sample		12/11/2002	STL-VT	90929	169.57	g	D422	ASTM	150	uM	sand	#100	24.2	Percent Finer
R5AM3S	Field Sample		12/11/2002	STL-VT	90929	169.57	g	D422	ASTM	150	uM	sand	#100	6.2	Percent Incremental
R5AM3S	Field Sample		12/11/2002	STL-VT	90929	169.57	g	D422	ASTM	180	uM	sand	#80	30.5	Percent Finer
R5AM3S	Field Sample		12/11/2002	STL-VT	90929	169.57	g	D422	ASTM	180	uM	sand	#80	37.4	Percent Incremental
R5AM3S	Field Sample		12/11/2002	STL-VT	90929	169.57	g	D422	ASTM	250	uM	sand	#60	67.9	Percent Finer
R5AM3S	Field Sample		12/11/2002	STL-VT	90929	169.57	g	D422	ASTM	250	uM	sand	#60	30.5	Percent Incremental

Appendix II-A
Results of Grain-Size Analysis of Sediments Collected from Mississippi River near Sauget Area 2 Sites

Sample ID	Sample Type	Parent	Sample Date	Lab	[illegible]	Sample Mass	Mass Units	Test Method	Reference	Particle Size	Particle Size Units	Soil Classification	Sieve Size	Result	Result Units
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	um	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	um	sand	[illegible]	1.6	Percent Incremental
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	um	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	um	sand	[illegible]	0	Percent Incremental
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	um	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	um	sand	[illegible]	0	Percent Incremental
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	um	gravel	#4	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	um	gravel	#4	0	Percent Incremental
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	um	gravel	3/8-inch	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	um	gravel	3/8-inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	um	gravel	3/4-inch	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	um	gravel	3/4-inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	um	gravel	1.5-inch	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	um	gravel	1.5-inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	um	gravel	2-inch	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	um	gravel	2-inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	um	gravel	3-inch	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	um	gravel	3-inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	1.4	um	clay		2.7	Percent Finer
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	1.4	um	clay		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	3.4	um	clay		3.3	Percent Finer
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	3.4	um	clay		1.1	Percent Incremental
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	6.7	um	silt		4.2	Percent Finer
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	6.7	um	silt		0	Percent Incremental
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	9.2	um	silt		4.2	Percent Finer
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	9.2	um	silt		0.7	Percent Incremental
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	13.1	um	silt		4.9	Percent Finer
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	13.1	um	silt		0.7	Percent Incremental
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	22	um	silt		5.7	Percent Finer
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	22	um	silt		1.9	Percent Incremental
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	35	um	silt		7.8	Percent Finer
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	35	um	silt		6.8	Percent Incremental
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	75	um	sand	[illegible]	14.5	Percent Finer
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	75	um	sand	[illegible]	6.5	Percent Incremental
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	150	um	sand	[illegible]	22.7	Percent Finer
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	150	um	sand	[illegible]	1.6	Percent Incremental
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	um	sand	[illegible]	34.2	Percent Finer
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	um	sand	[illegible]	5.1	Percent Incremental
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	250	um	sand	[illegible]	23.3	Percent Finer
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	250	um	sand	[illegible]	18.5	Percent Incremental
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	425	um	sand	[illegible]	48.8	Percent Finer
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	425	um	sand	[illegible]	35.9	Percent Incremental
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	um	sand	[illegible]	82.7	Percent Finer
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	um	sand	[illegible]	14.7	Percent Incremental
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	um	sand	[illegible]	97.3	Percent Finer
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	um	sand	[illegible]	2.6	Percent Incremental
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	um	gravel	#4	99.7	Percent Finer
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	um	gravel	#4	0.3	Percent Incremental
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	um	gravel	3/8-inch	100	Percent Finer
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	um	gravel	3/8-inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	um	gravel	3/4-inch	100	Percent Finer
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	um	gravel	3/4-inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	um	gravel	1-inch	100	Percent Finer
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	um	gravel	1-inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	um	gravel	1.5-inch	100	Percent Finer
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	um	gravel	1.5-inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	um	gravel	2-inch	100	Percent Finer
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	um	gravel	2-inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	um	gravel	3-inch	100	Percent Finer
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	um	gravel	3-inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	1.4	um	clay		5.3	Percent Finer
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	1.4	um	clay		1	Percent Incremental
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	3.3	um	clay		6.3	Percent Finer
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	3.3	um	clay		1	Percent Incremental
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	6.4	um	silt		7.3	Percent Finer
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	6.4	um	silt		0.5	Percent Incremental
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	9.2	um	silt		7.8	Percent Finer
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	9.2	um	silt		1.5	Percent Incremental
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	12.8	um	silt		9.2	Percent Finer
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	12.8	um	silt		1.9	Percent Incremental
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	22	um	silt		11.2	Percent Finer
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	22	um	silt		1	Percent Incremental
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	34	um	silt		12.9	Percent Finer
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	34	um	silt		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	75	um	sand	[illegible]	22.7	Percent Finer
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	75	um	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	150	um	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	STL-VT	[illegible]	[illegible]	[illegible]	D422	ASTM	150	um	sand	[illegible]	[illegible]	Percent Incremental

Appendix II-A
Results of Grain-Size Analysis of Sediments Collected from Mississippi River near Sauget Area 2 Sites

Sample ID	Sample Type	Parent	Sample Date	Lab	SDG (STL-VT)	Sample Mass	Mass Units	Test Method	Reference	Particle Size	Particle Size Units	Soil Classification	Sieve Size	Result	Result Units
R5AU1S	Field Sample		12/11/2002	STL-VT	90929	165.46	g	D422	ASTM	180	uM	sand	#80	35.8	Percent Finer
R5AU1S	Field Sample		12/11/2002	STL-VT	90929	165.46	g	D422	ASTM	180	uM	sand	#80	19.8	Percent Incremental
R5AU1S	Field Sample		12/11/2002	STL-VT	90929	165.46	g	D422	ASTM	250	uM	sand	#60	55.6	Percent Finer
R5AU1S	Field Sample		12/11/2002	STL-VT	90929	165.46	g	D422	ASTM	250	uM	sand	#60	35.2	Percent Incremental
R5AU1S	Field Sample		12/11/2002	STL-VT	90929	165.46	g	D422	ASTM	425	uM	sand	#40	90.8	Percent Finer
R5AU1S	Field Sample		12/11/2002	STL-VT	90929	165.46	g	D422	ASTM	425	uM	sand	#40	7.5	Percent Incremental
R5AU1S	Field Sample		12/11/2002	STL-VT	90929	165.46	g	D422	ASTM	850	uM	sand	#20	98.3	Percent Finer
R5AU1S	Field Sample		12/11/2002	STL-VT	90929	165.46	g	D422	ASTM	850	uM	sand	#20	1.3	Percent Incremental
R5AU1S	Field Sample		12/11/2002	STL-VT	90929	165.46	g	D422	ASTM	2000	uM	sand	#10	99.6	Percent Finer
R5AU1S	Field Sample		12/11/2002	STL-VT	90929	165.46	g	D422	ASTM	2000	uM	sand	#10	0.4	Percent Incremental
R5AU1S	Field Sample		12/11/2002	STL-VT	90929	165.46	g	D422	ASTM	4750	uM	gravel	#4	100	Percent Finer
R5AU1S	Field Sample		12/11/2002	STL-VT	90929	165.46	g	D422	ASTM	4750	uM	gravel	#4	0	Percent Incremental
R5AU1S	Field Sample		12/11/2002	STL-VT	90929	165.46	g	D422	ASTM	9500	uM	gravel	3/8 Inch	100	Percent Finer
R5AU1S	Field Sample		12/11/2002	STL-VT	90929	165.46	g	D422	ASTM	9500	uM	gravel	3/8 Inch	0	Percent Incremental
R5AU1S	Field Sample		12/11/2002	STL-VT	90929	165.46	g	D422	ASTM	19000	uM	gravel	3/4 Inch	100	Percent Finer
R5AU1S	Field Sample		12/11/2002	STL-VT	90929	165.46	g	D422	ASTM	19000	uM	gravel	3/4 Inch	0	Percent Incremental
R5AU1S	Field Sample		12/11/2002	STL-VT	90929	165.46	g	D422	ASTM	25000	uM	gravel	1 Inch	100	Percent Finer
R5AU1S	Field Sample		12/11/2002	STL-VT	90929	165.46	g	D422	ASTM	25000	uM	gravel	1 Inch	0	Percent Incremental
R5AU1S	Field Sample		12/11/2002	STL-VT	90929	165.46	g	D422	ASTM	37500	uM	gravel	1.5 Inch	100	Percent Finer
R5AU1S	Field Sample		12/11/2002	STL-VT	90929	165.46	g	D422	ASTM	37500	uM	gravel	1.5 Inch	0	Percent Incremental
R5AU1S	Field Sample		12/11/2002	STL-VT	90929	165.46	g	D422	ASTM	50000	uM	gravel	2 Inch	100	Percent Finer
R5AU1S	Field Sample		12/11/2002	STL-VT	90929	165.46	g	D422	ASTM	50000	uM	gravel	2 Inch	0	Percent Incremental
R5AU1S	Field Sample		12/11/2002	STL-VT	90929	165.46	g	D422	ASTM	75000	uM	gravel	3 Inch	100	Percent Finer
R5AU1S	Field Sample		12/11/2002	STL-VT	90929	165.46	g	D422	ASTM	75000	uM	gravel	3 Inch	0	Percent Incremental
R5BM1S	Field Sample		12/11/2002	STL-VT	90925	179.42	g	D422	ASTM	1.5	uM	clay		1.2	Percent Finer
R5BM1S	Field Sample		12/11/2002	STL-VT	90925	179.42	g	D422	ASTM	1.5	uM	clay		0.1	Percent Incremental
R5BM1S	Field Sample		12/11/2002	STL-VT	90925	179.42	g	D422	ASTM	3.6	uM	clay		1.3	Percent Finer
R5BM1S	Field Sample		12/11/2002	STL-VT	90925	179.42	g	D422	ASTM	3.6	uM	clay		0	Percent Incremental
R5BM1S	Field Sample		12/11/2002	STL-VT	90925	179.42	g	D422	ASTM	7.3	uM	silt		1.3	Percent Finer
R5BM1S	Field Sample		12/11/2002	STL-VT	90925	179.42	g	D422	ASTM	7.3	uM	silt		0	Percent Incremental
R5BM1S	Field Sample		12/11/2002	STL-VT	90925	179.42	g	D422	ASTM	9.9	uM	silt		1.3	Percent Finer
R5BM1S	Field Sample		12/11/2002	STL-VT	90925	179.42	g	D422	ASTM	9.9	uM	silt		0.4	Percent Incremental
R5BM1S	Field Sample		12/11/2002	STL-VT	90925	179.42	g	D422	ASTM	14.1	uM	silt		1.8	Percent Finer
R5BM1S	Field Sample		12/11/2002	STL-VT	90925	179.42	g	D422	ASTM	14.1	uM	silt		0	Percent Incremental
R5BM1S	Field Sample		12/11/2002	STL-VT	90925	179.42	g	D422	ASTM	24	uM	silt		1.8	Percent Finer
R5BM1S	Field Sample		12/11/2002	STL-VT	90925	179.42	g	D422	ASTM	24	uM	silt		0	Percent Incremental
R5BM1S	Field Sample		12/11/2002	STL-VT	90925	179.42	g	D422	ASTM	39	uM	silt		1.8	Percent Finer
R5BM1S	Field Sample		12/11/2002	STL-VT	90925	179.42	g	D422	ASTM	39	uM	silt		1	Percent Incremental
R5BM1S	Field Sample		12/11/2002	STL-VT	90925	179.42	g	D422	ASTM	75	uM	sand	#200	2.8	Percent Finer
R5BM1S	Field Sample		12/11/2002	STL-VT	90925	179.42	g	D422	ASTM	75	uM	sand	#200	10.7	Percent Incremental
R5BM1S	Field Sample		12/11/2002	STL-VT	90925	179.42	g	D422	ASTM	150	uM	sand	#100	13.5	Percent Finer
R5BM1S	Field Sample		12/11/2002	STL-VT	90925	179.42	g	D422	ASTM	150	uM	sand	#100	8.3	Percent Incremental
R5BM1S	Field Sample		12/11/2002	STL-VT	90925	179.42	g	D422	ASTM	180	uM	sand	#80	21.8	Percent Finer
R5BM1S	Field Sample		12/11/2002	STL-VT	90925	179.42	g	D422	ASTM	180	uM	sand	#80	45.9	Percent Incremental
R5BM1S	Field Sample		12/11/2002	STL-VT	90925	179.42	g	D422	ASTM	250	uM	sand	#60	67.7	Percent Finer
R5BM1S	Field Sample		12/11/2002	STL-VT	90925	179.42	g	D422	ASTM	250	uM	sand	#60	29.8	Percent Incremental
R5BM1S	Field Sample		12/11/2002	STL-VT	90925	179.42	g	D422	ASTM	425	uM	sand	#40	97.6	Percent Finer
R5BM1S	Field Sample		12/11/2002	STL-VT	90925	179.42	g	D422	ASTM	425	uM	sand	#40	2.4	Percent Incremental
R5BM1S	Field Sample		12/11/2002	STL-VT	90925	179.42	g	D422	ASTM	850	uM	sand	#20	99.9	Percent Finer
R5BM1S	Field Sample		12/11/2002	STL-VT	90925	179.42	g	D422	ASTM	850	uM	sand	#20	0.1	Percent Incremental
R5BM1S	Field Sample		12/11/2002	STL-VT	90925	179.42	g	D422	ASTM	2000	uM	sand	#10	100	Percent Finer
R5BM1S	Field Sample		12/11/2002	STL-VT	90925	179.42	g	D422	ASTM	2000	uM	sand	#10	0	Percent Incremental
R5BM1S	Field Sample		12/11/2002	STL-VT	90925	179.42	g	D422	ASTM	4750	uM	gravel	#4	100	Percent Finer
R5BM1S	Field Sample		12/11/2002	STL-VT	90925	179.42	g	D422	ASTM	4750	uM	gravel	#4	0	Percent Incremental
R5BM1S	Field Sample		12/11/2002	STL-VT	90925	179.42	g	D422	ASTM	9500	uM	gravel	3/8 Inch	100	Percent Finer
R5BM1S	Field Sample		12/11/2002	STL-VT	90925	179.42	g	D422	ASTM	9500	uM	gravel	3/8 Inch	0	Percent Incremental
R5BM1S	Field Sample		12/11/2002	STL-VT	90925	179.42	g	D422	ASTM	19000	uM	gravel	3/4 Inch	100	Percent Finer
R5BM1S	Field Sample		12/11/2002	STL-VT	90925	179.42	g	D422	ASTM	19000	uM	gravel	3/4 Inch	0	Percent Incremental
R5BM1S	Field Sample		12/11/2002	STL-VT	90925	179.42	g	D422	ASTM	25000	uM	gravel	1 Inch	100	Percent Finer
R5BM1S	Field Sample		12/11/2002	STL-VT	90925	179.42	g	D422	ASTM	25000	uM	gravel	1 Inch	0	Percent Incremental
R5BM1S	Field Sample		12/11/2002	STL-VT	90925	179.42	g	D422	ASTM	37500	uM	gravel	1.5 Inch	100	Percent Finer
R5BM1S	Field Sample		12/11/2002	STL-VT	90925	179.42	g	D422	ASTM	37500	uM	gravel	1.5 Inch	0	Percent Incremental
R5BM1S	Field Sample		12/11/2002	STL-VT	90925	179.42	g	D422	ASTM	50000	uM	gravel	2 Inch	100	Percent Finer
R5BM1S	Field Sample		12/11/2002	STL-VT	90925	179.42	g	D422	ASTM	50000	uM	gravel	2 Inch	0	Percent Incremental
R5BM1S	Field Sample		12/11/2002	STL-VT	90925	179.42	g	D422	ASTM	75000	uM	gravel	3 Inch	100	Percent Finer
R5BM1S	Field Sample		12/11/2002	STL-VT	90925	179.42	g	D422	ASTM	75000	uM	gravel	3 Inch	0	Percent Incremental
R5BN1S	Field Sample		11/20/2002	STL-VT	91066	201.22	g	D422	ASTM	1.3	uM	clay		6.9	Percent Finer
R5BN1S	Field Sample		11/20/2002	STL-VT	91066	201.22	g	D422	ASTM	1.3	uM	clay		0.8	Percent Incremental
R5BN1S	Field Sample		11/20/2002	STL-VT	91066	201.22	g	D422	ASTM	3.1	uM	clay		7.6	Percent Finer
R5BN1S	Field Sample		11/20/2002	STL-VT	91066	201.22	g	D422	ASTM	3.1	uM	clay		1.2	Percent Incremental
R5BN1S	Field Sample		11/20/2002	STL-VT	91066	201.22	g	D422	ASTM	6.2	uM	silt		8.8	Percent Finer
R5BN1S	Field Sample		11/20/2002	STL-VT	91066	201.22	g	D422	ASTM	6.2	uM	silt		1.2	Percent Incremental
R5BN1S	Field Sample		11/20/2002	STL-VT	91066	201.22	g	D422	ASTM	8.4	uM	silt		10	Percent Finer
R5BN1S	Field Sample		11/20/2002	STL-VT	91066	201.22	g	D422	ASTM	8.4	uM	silt		1.2	Percent Incremental
R5BN1S	Field Sample		11/20/2002	STL-VT	91066	201.22	g	D422	ASTM	12.1	uM	silt		11.2	Percent Finer
R5BN1S	Field Sample		11/20/2002	STL-VT	91066	201.22	g	D422	ASTM	12.1	uM	silt		3.6	Percent Incremental
R5BN1S	Field Sample		11/20/2002	STL-VT	91066	201.22	g	D422	ASTM	20	uM	silt		14.8	Percent Finer
R5BN1S	Field Sample		11/20/2002	STL-VT	91066	201.22	g	D422	ASTM	20	uM	silt		4	Percent Incremental

Results of Grain-Size Analysis of Sediments Collected from Mississippi River near Sauget Area 2 Sites

[illegible]	[illegible]	[illegible]	[illegible]	Lab	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	silt		[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	silt		12.2	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75	[illegible]	sand	#200	3	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75	[illegible]	sand	#200	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	#140	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	#140	6.2	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	12.8	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	72.5	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	16.5	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	425	[illegible]	sand	#40	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	425	[illegible]	sand	#40	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	1.3	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	#10	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	#10	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	#4	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	#4	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	3/8-inch	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	3/8-inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	3/4-inch	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	3/4-inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	1-inch	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	1-inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	1.5-inch	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	1.5-inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	2-inch	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	2-inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	3-inch	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	3-inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.4	[illegible]	clay		4.5	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.4	[illegible]	clay		1.4	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.4	[illegible]	clay		5.7	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.4	[illegible]	clay		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6.6	[illegible]	silt		[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6.6	[illegible]	silt		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9.5	[illegible]	silt		7	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9.5	[illegible]	silt		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13.1	[illegible]	silt		[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13.1	[illegible]	silt		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22	[illegible]	silt		9.7	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22	[illegible]	silt		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	31	[illegible]	silt		14.1	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	31	[illegible]	silt		11.2	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75	[illegible]	sand	#200	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75	[illegible]	sand	#200	11.4	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	#140	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	#140	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	40.7	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	425	[illegible]	sand	#40	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	425	[illegible]	sand	#40	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	[illegible]	1.7	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	#10	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	sand	#10	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	#4	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	#4	0.7	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	3/8-inch	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	3/8-inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	3/4-inch	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	3/4-inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	1-inch	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	1-inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	1.5-inch	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	1.5-inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	2-inch	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	2-inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	3-inch	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	3-inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	1-inch	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	gravel	1-inch	0	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.4	[illegible]	clay		[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.4	[illegible]	clay		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.5	[illegible]	clay		2.1	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.5	[illegible]	clay		0	Percent Incremental

Appendix II-A
Results of Grain-Size Analysis of Sediments Collected from Mississippi River near Sauget Area 2 Sites

Sample ID	Sample Type	Parent	Sample Date	Lab	SDG (STL-VT)	Sample Mass	Mass Units	Test Method	Reference	Particle Size	Particle Size Units	Soil Classification	Sieve Size	Result	Result Units
R5CM1S	Field Sample		12/11/2002	STL-VT	90925	155.62	g	D422	ASTM	7.3	uM	silt		2.1	Percent Finer
R5CM1S	Field Sample		12/11/2002	STL-VT	90925	155.62	g	D422	ASTM	7.3	uM	silt		0	Percent Incremental
R5CM1S	Field Sample		12/11/2002	STL-VT	90925	155.62	g	D422	ASTM	10	uM	silt		2.1	Percent Finer
R5CM1S	Field Sample		12/11/2002	STL-VT	90925	155.62	g	D422	ASTM	10	uM	silt		0	Percent Incremental
R5CM1S	Field Sample		12/11/2002	STL-VT	90925	155.62	g	D422	ASTM	14.1	uM	silt		2.1	Percent Finer
R5CM1S	Field Sample		12/11/2002	STL-VT	90925	155.62	g	D422	ASTM	14.1	uM	silt		0	Percent Incremental
R5CM1S	Field Sample		12/11/2002	STL-VT	90925	155.62	g	D422	ASTM	24	uM	silt		2.1	Percent Finer
R5CM1S	Field Sample		12/11/2002	STL-VT	90925	155.62	g	D422	ASTM	24	uM	silt		0	Percent Incremental
R5CM1S	Field Sample		12/11/2002	STL-VT	90925	155.62	g	D422	ASTM	39	uM	silt		2.1	Percent Finer
R5CM1S	Field Sample		12/11/2002	STL-VT	90925	155.62	g	D422	ASTM	39	uM	silt		1.5	Percent Incremental
R5CM1S	Field Sample		12/11/2002	STL-VT	90925	155.62	g	D422	ASTM	75	uM	sand	#200	3.6	Percent Finer
R5CM1S	Field Sample		12/11/2002	STL-VT	90925	155.62	g	D422	ASTM	75	uM	sand	#200	0.2	Percent Incremental
R5CM1S	Field Sample		12/11/2002	STL-VT	90925	155.62	g	D422	ASTM	150	uM	sand	#100	3.8	Percent Finer
R5CM1S	Field Sample		12/11/2002	STL-VT	90925	155.62	g	D422	ASTM	150	uM	sand	#100	0.2	Percent Incremental
R5CM1S	Field Sample		12/11/2002	STL-VT	90925	155.62	g	D422	ASTM	180	uM	sand	#80	3.9	Percent Finer
R5CM1S	Field Sample		12/11/2002	STL-VT	90925	155.62	g	D422	ASTM	180	uM	sand	#80	6.4	Percent Incremental
R5CM1S	Field Sample		12/11/2002	STL-VT	90925	155.62	g	D422	ASTM	250	uM	sand	#60	10.3	Percent Finer
R5CM1S	Field Sample		12/11/2002	STL-VT	90925	155.62	g	D422	ASTM	250	uM	sand	#60	47	Percent Incremental
R5CM1S	Field Sample		12/11/2002	STL-VT	90925	155.62	g	D422	ASTM	425	uM	sand	#40	57.2	Percent Finer
R5CM1S	Field Sample		12/11/2002	STL-VT	90925	155.62	g	D422	ASTM	425	uM	sand	#40	32.3	Percent Incremental
R5CM1S	Field Sample		12/11/2002	STL-VT	90925	155.62	g	D422	ASTM	850	uM	sand	#20	89.5	Percent Finer
R5CM1S	Field Sample		12/11/2002	STL-VT	90925	155.62	g	D422	ASTM	850	uM	sand	#20	6.6	Percent Incremental
R5CM1S	Field Sample		12/11/2002	STL-VT	90925	155.62	g	D422	ASTM	2000	uM	sand	#10	96.1	Percent Finer
R5CM1S	Field Sample		12/11/2002	STL-VT	90925	155.62	g	D422	ASTM	2000	uM	sand	#10	3.1	Percent Incremental
R5CM1S	Field Sample		12/11/2002	STL-VT	90925	155.62	g	D422	ASTM	4750	uM	gravel	#4	99.2	Percent Finer
R5CM1S	Field Sample		12/11/2002	STL-VT	90925	155.62	g	D422	ASTM	4750	uM	gravel	#4	0.8	Percent Incremental
R5CM1S	Field Sample		12/11/2002	STL-VT	90925	155.62	g	D422	ASTM	9500	uM	gravel	3/8 Inch	100	Percent Finer
R5CM1S	Field Sample		12/11/2002	STL-VT	90925	155.62	g	D422	ASTM	9500	uM	gravel	3/8 Inch	0	Percent Incremental
R5CM1S	Field Sample		12/11/2002	STL-VT	90925	155.62	g	D422	ASTM	19000	uM	gravel	3/4 Inch	100	Percent Finer
R5CM1S	Field Sample		12/11/2002	STL-VT	90925	155.62	g	D422	ASTM	19000	uM	gravel	3/4 Inch	0	Percent Incremental
R5CM1S	Field Sample		12/11/2002	STL-VT	90925	155.62	g	D422	ASTM	37500	uM	gravel	1.5 Inch	100	Percent Finer
R5CM1S	Field Sample		12/11/2002	STL-VT	90925	155.62	g	D422	ASTM	37500	uM	gravel	1.5 Inch	0	Percent Incremental
R5CM1S	Field Sample		12/11/2002	STL-VT	90925	155.62	g	D422	ASTM	50000	uM	gravel	2 Inch	100	Percent Finer
R5CM1S	Field Sample		12/11/2002	STL-VT	90925	155.62	g	D422	ASTM	50000	uM	gravel	2 Inch	0	Percent Incremental
R5CM1S	Field Sample		12/11/2002	STL-VT	90925	155.62	g	D422	ASTM	75000	uM	gravel	3 Inch	100	Percent Finer
R5CM1S	Field Sample		12/11/2002	STL-VT	90925	155.62	g	D422	ASTM	75000	uM	gravel	3 Inch	0	Percent Incremental
R6AD1S	Field Sample		12/11/2002	STL-VT	90923	76.19	g	D422	ASTM	0	uM	gravel	1 Inch	100	Percent Finer
R6AD1S	Field Sample		12/11/2002	STL-VT	90923	76.19	g	D422	ASTM	0	uM	gravel	1 Inch	0	Percent Incremental
R6AD1S	Field Sample		12/11/2002	STL-VT	90923	76.19	g	D422	ASTM	1.4	uM	clay		11.6	Percent Finer
R6AD1S	Field Sample		12/11/2002	STL-VT	90923	76.19	g	D422	ASTM	1.4	uM	clay		2.1	Percent Incremental
R6AD1S	Field Sample		12/11/2002	STL-VT	90923	76.19	g	D422	ASTM	3.3	uM	clay		13.7	Percent Finer
R6AD1S	Field Sample		12/11/2002	STL-VT	90923	76.19	g	D422	ASTM	3.3	uM	clay		3.3	Percent Incremental
R6AD1S	Field Sample		12/11/2002	STL-VT	90923	76.19	g	D422	ASTM	6.6	uM	silt		17	Percent Finer
R6AD1S	Field Sample		12/11/2002	STL-VT	90923	76.19	g	D422	ASTM	6.6	uM	silt		2.1	Percent Incremental
R6AD1S	Field Sample		12/11/2002	STL-VT	90923	76.19	g	D422	ASTM	9.1	uM	silt		19.1	Percent Finer
R6AD1S	Field Sample		12/11/2002	STL-VT	90923	76.19	g	D422	ASTM	9.1	uM	silt		3.2	Percent Incremental
R6AD1S	Field Sample		12/11/2002	STL-VT	90923	76.19	g	D422	ASTM	12.6	uM	silt		22.3	Percent Finer
R6AD1S	Field Sample		12/11/2002	STL-VT	90923	76.19	g	D422	ASTM	12.6	uM	silt		5.3	Percent Incremental
R6AD1S	Field Sample		12/11/2002	STL-VT	90923	76.19	g	D422	ASTM	21	uM	silt		27.6	Percent Finer
R6AD1S	Field Sample		12/11/2002	STL-VT	90923	76.19	g	D422	ASTM	21	uM	silt		5.3	Percent Incremental
R6AD1S	Field Sample		12/11/2002	STL-VT	90923	76.19	g	D422	ASTM	33	uM	silt		32.9	Percent Finer
R6AD1S	Field Sample		12/11/2002	STL-VT	90923	76.19	g	D422	ASTM	33	uM	silt		14.3	Percent Incremental
R6AD1S	Field Sample		12/11/2002	STL-VT	90923	76.19	g	D422	ASTM	75	uM	sand	#200	47.2	Percent Finer
R6AD1S	Field Sample		12/11/2002	STL-VT	90923	76.19	g	D422	ASTM	75	uM	sand	#200	30.2	Percent Incremental
R6AD1S	Field Sample		12/11/2002	STL-VT	90923	76.19	g	D422	ASTM	150	uM	sand	#100	77.4	Percent Finer
R6AD1S	Field Sample		12/11/2002	STL-VT	90923	76.19	g	D422	ASTM	150	uM	sand	#100	8	Percent Incremental
R6AD1S	Field Sample		12/11/2002	STL-VT	90923	76.19	g	D422	ASTM	180	uM	sand	#80	85.4	Percent Finer
R6AD1S	Field Sample		12/11/2002	STL-VT	90923	76.19	g	D422	ASTM	180	uM	sand	#80	12.6	Percent Incremental
R6AD1S	Field Sample		12/11/2002	STL-VT	90923	76.19	g	D422	ASTM	250	uM	sand	#60	98	Percent Finer
R6AD1S	Field Sample		12/11/2002	STL-VT	90923	76.19	g	D422	ASTM	250	uM	sand	#60	1.8	Percent Incremental
R6AD1S	Field Sample		12/11/2002	STL-VT	90923	76.19	g	D422	ASTM	425	uM	sand	#40	99.8	Percent Finer
R6AD1S	Field Sample		12/11/2002	STL-VT	90923	76.19	g	D422	ASTM	425	uM	sand	#40	0	Percent Incremental
R6AD1S	Field Sample		12/11/2002	STL-VT	90923	76.19	g	D422	ASTM	850	uM	sand	#20	99.8	Percent Finer
R6AD1S	Field Sample		12/11/2002	STL-VT	90923	76.19	g	D422	ASTM	850	uM	sand	#20	0.2	Percent Incremental
R6AD1S	Field Sample		12/11/2002	STL-VT	90923	76.19	g	D422	ASTM	2000	uM	sand	#10	100	Percent Finer
R6AD1S	Field Sample		12/11/2002	STL-VT	90923	76.19	g	D422	ASTM	2000	uM	sand	#10	0	Percent Incremental
R6AD1S	Field Sample		12/11/2002	STL-VT	90923	76.19	g	D422	ASTM	4750	uM	gravel	#4	100	Percent Finer
R6AD1S	Field Sample		12/11/2002	STL-VT	90923	76.19	g	D422	ASTM	4750	uM	gravel	#4	0	Percent Incremental
R6AD1S	Field Sample		12/11/2002	STL-VT	90923	76.19	g	D422	ASTM	9500	uM	gravel	3/8 Inch	100	Percent Finer
R6AD1S	Field Sample		12/11/2002	STL-VT	90923	76.19	g	D422	ASTM	9500	uM	gravel	3/8 Inch	0	Percent Incremental
R6AD1S	Field Sample		12/11/2002	STL-VT	90923	76.19	g	D422	ASTM	19000	uM	gravel	3/4 Inch	100	Percent Finer
R6AD1S	Field Sample		12/11/2002	STL-VT	90923	76.19	g	D422	ASTM	19000	uM	gravel	3/4 Inch	0	Percent Incremental
R6AD1S	Field Sample		12/11/2002	STL-VT	90923	76.19	g	D422	ASTM	37500	uM	gravel	1.5 Inch	100	Percent Finer
R6AD1S	Field Sample		12/11/2002	STL-VT	90923	76.19	g	D422	ASTM	37500	uM	gravel	1.5 Inch	0	Percent Incremental
R6AD1S	Field Sample		12/11/2002	STL-VT	90923	76.19	g	D422	ASTM	50000	uM	gravel	2 Inch	100	Percent Finer
R6AD1S	Field Sample		12/11/2002	STL-VT	90923	76.19	g	D422	ASTM	50000	uM	gravel	2 Inch	0	Percent Incremental
R6AD1S	Field Sample		12/11/2002	STL-VT	90923	76.19	g	D422	ASTM	75000	uM	gravel	3 Inch	100	Percent Finer
R6AD1S	Field Sample		12/11/2002	STL-VT	90923	76.19	g	D422	ASTM	75000	uM	gravel	3 Inch	0	Percent Incremental

Appendix II-A
Results of Grain-Size Analysis of Sediments Collected from Mississippi River near Seagat Area 2 Sites

Sample ID	Sample Type	Parent	Sample Date	Lab	[illegible]	Sample Size	Size Units	Test Method	Reference	Particle Size	Particle Size Units	Soil Classification	Sieve Size	Result	Result Units
[illegible]	Rainbow		[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	1.4	ml	clay		14.2	Percent Finer
[illegible]	Rainbow		[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	1.4	ml	clay		4.4	Percent Incremental
[illegible]	Rainbow		[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	3.3	ml	clay		18.6	Percent Finer
[illegible]	Rainbow		[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	3.3	ml	clay		3.3	Percent Incremental
[illegible]	Rainbow		[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	6.5	ml	silt		21.5	Percent Finer
[illegible]	Rainbow		[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	6.5	ml	silt		2.2	Percent Incremental
[illegible]	Rainbow		[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	6.5	ml	silt		24.3	Percent Finer
[illegible]	Rainbow		[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	6.5	ml	silt		4.4	Percent Incremental
[illegible]	Rainbow		[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	12.5	ml	silt		28.6	Percent Finer
[illegible]	Rainbow		[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	12.5	ml	silt		7.0	Percent Incremental
[illegible]	Rainbow		[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	20	ml	silt		38.9	Percent Finer
[illegible]	Rainbow		[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	20	ml	silt		5.5	Percent Incremental
[illegible]	Rainbow		[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	31	ml	silt		44.0	Percent Finer
[illegible]	Rainbow		[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	31	ml	silt		10.3	Percent Incremental
[illegible]	Rainbow		[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	75	ml	sand	[illegible]	64.3	Percent Finer
[illegible]	Rainbow		[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	75	ml	sand	[illegible]	20.4	Percent Incremental
[illegible]	Rainbow		[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	150	ml	sand	[illegible]	87.3	Percent Finer
[illegible]	Rainbow		[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	150	ml	sand	[illegible]	4.3	Percent Incremental
[illegible]	Rainbow		[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	150	ml	sand	[illegible]	91.6	Percent Finer
[illegible]	Rainbow		[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	150	ml	sand	[illegible]	6.7	Percent Incremental
[illegible]	Rainbow		[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	300	ml	sand	[illegible]	98.4	Percent Finer
[illegible]	Rainbow		[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	300	ml	sand	[illegible]	1.6	Percent Incremental
[illegible]	Rainbow		[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	425	ml	sand	[illegible]	99.8	Percent Finer
[illegible]	Rainbow		[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	425	ml	sand	[illegible]	0	Percent Incremental
[illegible]	Rainbow		[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	600	ml	sand	[illegible]	99.8	Percent Finer
[illegible]	Rainbow		[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	600	ml	sand	[illegible]	0.1	Percent Incremental
[illegible]	Rainbow		[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	850	ml	sand	[illegible]	100	Percent Finer
[illegible]	Rainbow		[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	850	ml	sand	[illegible]	0	Percent Incremental
[illegible]	Rainbow		[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	1000	ml	gravel	#4	100	Percent Finer
[illegible]	Rainbow		[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	1000	ml	gravel	#4	0	Percent Incremental
[illegible]	Rainbow		[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	1500	ml	gravel	3/8 inch	100	Percent Finer
[illegible]	Rainbow		[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	1500	ml	gravel	3/8 inch	0	Percent Incremental
[illegible]	Rainbow		[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	1500	ml	gravel	3/4 inch	100	Percent Finer
[illegible]	Rainbow		[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	1500	ml	gravel	3/4 inch	0	Percent Incremental
[illegible]	Rainbow		[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	2000	ml	gravel	1 inch	100	Percent Finer
[illegible]	Rainbow		[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	2000	ml	gravel	1 inch	0	Percent Incremental
[illegible]	Rainbow		[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	2500	ml	gravel	1.5 inch	100	Percent Finer
[illegible]	Rainbow		[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	2500	ml	gravel	1.5 inch	0	Percent Incremental
[illegible]	Rainbow		[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	3000	ml	gravel	2 inch	100	Percent Finer
[illegible]	Rainbow		[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	3000	ml	gravel	2 inch	0	Percent Incremental
[illegible]	Rainbow		[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	7500	ml	gravel	3 inch	100	Percent Finer
[illegible]	Rainbow		[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	7500	ml	gravel	3 inch	0	Percent Incremental
[illegible]	Rainbow	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	1.3	ml	clay		12.1	Percent Finer
[illegible]	Rainbow	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	1.3	ml	clay		3.0	Percent Incremental
[illegible]	Rainbow	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	3.1	ml	clay		15.0	Percent Finer
[illegible]	Rainbow	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	3.1	ml	clay		4.0	Percent Incremental
[illegible]	Rainbow	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	6	ml	silt		20.9	Percent Finer
[illegible]	Rainbow	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	6	ml	silt		2.9	Percent Incremental
[illegible]	Rainbow	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	8.2	ml	silt		22.0	Percent Finer
[illegible]	Rainbow	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	8.2	ml	silt		2.0	Percent Incremental
[illegible]	Rainbow	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	11.5	ml	silt		25.4	Percent Finer
[illegible]	Rainbow	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	11.5	ml	silt		3.3	Percent Incremental
[illegible]	Rainbow	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	19	ml	silt		31.9	Percent Finer
[illegible]	Rainbow	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	19	ml	silt		7.0	Percent Incremental
[illegible]	Rainbow	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	27	ml	silt		33.9	Percent Finer
[illegible]	Rainbow	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	27	ml	silt		35.9	Percent Incremental
[illegible]	Rainbow	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	75	ml	sand	[illegible]	69.4	Percent Finer
[illegible]	Rainbow	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	75	ml	sand	[illegible]	20	Percent Incremental
[illegible]	Rainbow	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	150	ml	sand	[illegible]	89.4	Percent Finer
[illegible]	Rainbow	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	150	ml	sand	[illegible]	20	Percent Incremental
[illegible]	Rainbow	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	150	ml	sand	[illegible]	96.9	Percent Finer
[illegible]	Rainbow	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	150	ml	sand	[illegible]	7.5	Percent Incremental
[illegible]	Rainbow	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	300	ml	sand	[illegible]	98.4	Percent Finer
[illegible]	Rainbow	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	300	ml	sand	[illegible]	1.5	Percent Incremental
[illegible]	Rainbow	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	425	ml	sand	[illegible]	99.9	Percent Finer
[illegible]	Rainbow	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	425	ml	sand	[illegible]	0.5	Percent Incremental
[illegible]	Rainbow	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	600	ml	sand	[illegible]	100	Percent Finer
[illegible]	Rainbow	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	600	ml	sand	[illegible]	0	Percent Incremental
[illegible]	Rainbow	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	850	ml	sand	#10	100	Percent Finer
[illegible]	Rainbow	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	850	ml	sand	#10	0	Percent Incremental
[illegible]	Rainbow	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	1000	ml	gravel	#4	100	Percent Finer
[illegible]	Rainbow	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	1000	ml	gravel	#4	0	Percent Incremental
[illegible]	Rainbow	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	1500	ml	gravel	3/8 inch	100	Percent Finer
[illegible]	Rainbow	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	1500	ml	gravel	3/8 inch	0	Percent Incremental
[illegible]	Rainbow	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	1500	ml	gravel	3/4 inch	100	Percent Finer
[illegible]	Rainbow	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	1500	ml	gravel	3/4 inch	0	Percent Incremental
[illegible]	Rainbow	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	2000	ml	gravel	1 inch	100	Percent Finer
[illegible]	Rainbow	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	g	D422	ASTM	2000	ml	gravel	1 inch	0	Percent Incremental

Appendix II-A
Results of Grain-Size Analysis of Sediments Collected from Mississippi River near Sauget Area 2 Sites

Sample ID	Sample Type	Parent	Sample Date	Lab	SDG (STL-VT)	Sample Mass	Mass Units	Test Method	Reference	Particle Size	Particle Size Units	Soil Classification	Sieve Size	Result	Result Units
R6AM2S	Field Duplicate	R6AM1S	12/11/2002	STL-VT	90928	126.39	g	D422	ASTM	37500	uM	gravel	1.5 inch	100	Percent Finer
R6AM2S	Field Duplicate	R6AM1S	12/11/2002	STL-VT	90928	126.39	g	D422	ASTM	37500	uM	gravel	1.5 inch	0	Percent Incremental
R6AM2S	Field Duplicate	R6AM1S	12/11/2002	STL-VT	90928	126.39	g	D422	ASTM	50000	uM	gravel	2 inch	100	Percent Finer
R6AM2S	Field Duplicate	R6AM1S	12/11/2002	STL-VT	90928	126.39	g	D422	ASTM	50000	uM	gravel	2 inch	0	Percent Incremental
R6AM2S	Field Duplicate	R6AM1S	12/11/2002	STL-VT	90928	126.39	g	D422	ASTM	75000	uM	gravel	3 inch	100	Percent Finer
R6AM2S	Field Duplicate	R6AM1S	12/11/2002	STL-VT	90928	126.39	g	D422	ASTM	75000	uM	gravel	3 inch	0	Percent Incremental
R6AU1S	Field Sample		12/11/2002	STL-VT	90923	67.84	g	D422	ASTM	1.4	uM	clay		16.4	Percent Finer
R6AU1S	Field Sample		12/11/2002	STL-VT	90923	67.84	g	D422	ASTM	1.4	uM	clay		6.1	Percent Incremental
R6AU1S	Field Sample		12/11/2002	STL-VT	90923	67.84	g	D422	ASTM	3.1	uM	clay		22.5	Percent Finer
R6AU1S	Field Sample		12/11/2002	STL-VT	90923	67.84	g	D422	ASTM	3.1	uM	clay		4.9	Percent Incremental
R6AU1S	Field Sample		12/11/2002	STL-VT	90923	67.84	g	D422	ASTM	6.1	uM	silt		27.4	Percent Finer
R6AU1S	Field Sample		12/11/2002	STL-VT	90923	67.84	g	D422	ASTM	6.1	uM	silt		3.6	Percent Incremental
R6AU1S	Field Sample		12/11/2002	STL-VT	90923	67.84	g	D422	ASTM	8.7	uM	silt		31	Percent Finer
R6AU1S	Field Sample		12/11/2002	STL-VT	90923	67.84	g	D422	ASTM	8.7	uM	silt		4.7	Percent Incremental
R6AU1S	Field Sample		12/11/2002	STL-VT	90923	67.84	g	D422	ASTM	12	uM	silt		35.7	Percent Finer
R6AU1S	Field Sample		12/11/2002	STL-VT	90923	67.84	g	D422	ASTM	12	uM	silt		9.5	Percent Incremental
R6AU1S	Field Sample		12/11/2002	STL-VT	90923	67.84	g	D422	ASTM	20	uM	silt		45.2	Percent Finer
R6AU1S	Field Sample		12/11/2002	STL-VT	90923	67.84	g	D422	ASTM	20	uM	silt		7.1	Percent Incremental
R6AU1S	Field Sample		12/11/2002	STL-VT	90923	67.84	g	D422	ASTM	30	uM	silt		52.3	Percent Finer
R6AU1S	Field Sample		12/11/2002	STL-VT	90923	67.84	g	D422	ASTM	30	uM	silt		17.9	Percent Incremental
R6AU1S	Field Sample		12/11/2002	STL-VT	90923	67.84	g	D422	ASTM	75	uM	sand	#200	70.2	Percent Finer
R6AU1S	Field Sample		12/11/2002	STL-VT	90923	67.84	g	D422	ASTM	75	uM	sand	#200	14.7	Percent Incremental
R6AU1S	Field Sample		12/11/2002	STL-VT	90923	67.84	g	D422	ASTM	150	uM	sand	#100	84.8	Percent Finer
R6AU1S	Field Sample		12/11/2002	STL-VT	90923	67.84	g	D422	ASTM	150	uM	sand	#100	3.5	Percent Incremental
R6AU1S	Field Sample		12/11/2002	STL-VT	90923	67.84	g	D422	ASTM	180	uM	sand	#80	88.3	Percent Finer
R6AU1S	Field Sample		12/11/2002	STL-VT	90923	67.84	g	D422	ASTM	180	uM	sand	#80	8.9	Percent Incremental
R6AU1S	Field Sample		12/11/2002	STL-VT	90923	67.84	g	D422	ASTM	250	uM	sand	#60	97.2	Percent Finer
R6AU1S	Field Sample		12/11/2002	STL-VT	90923	67.84	g	D422	ASTM	250	uM	sand	#60	2.8	Percent Incremental
R6AU1S	Field Sample		12/11/2002	STL-VT	90923	67.84	g	D422	ASTM	425	uM	sand	#40	99.9	Percent Finer
R6AU1S	Field Sample		12/11/2002	STL-VT	90923	67.84	g	D422	ASTM	425	uM	sand	#40	0	Percent Incremental
R6AU1S	Field Sample		12/11/2002	STL-VT	90923	67.84	g	D422	ASTM	850	uM	sand	#20	99.9	Percent Finer
R6AU1S	Field Sample		12/11/2002	STL-VT	90923	67.84	g	D422	ASTM	850	uM	sand	#20	0.1	Percent Incremental
R6AU1S	Field Sample		12/11/2002	STL-VT	90923	67.84	g	D422	ASTM	2000	uM	sand	#10	100	Percent Finer
R6AU1S	Field Sample		12/11/2002	STL-VT	90923	67.84	g	D422	ASTM	2000	uM	sand	#10	0	Percent Incremental
R6AU1S	Field Sample		12/11/2002	STL-VT	90923	67.84	g	D422	ASTM	4750	uM	gravel	#4	100	Percent Finer
R6AU1S	Field Sample		12/11/2002	STL-VT	90923	67.84	g	D422	ASTM	4750	uM	gravel	#4	0	Percent Incremental
R6AU1S	Field Sample		12/11/2002	STL-VT	90923	67.84	g	D422	ASTM	9500	uM	gravel	3/8 inch	100	Percent Finer
R6AU1S	Field Sample		12/11/2002	STL-VT	90923	67.84	g	D422	ASTM	9500	uM	gravel	3/8 inch	0	Percent Incremental
R6AU1S	Field Sample		12/11/2002	STL-VT	90923	67.84	g	D422	ASTM	19000	uM	gravel	3/4 inch	100	Percent Finer
R6AU1S	Field Sample		12/11/2002	STL-VT	90923	67.84	g	D422	ASTM	19000	uM	gravel	3/4 inch	0	Percent Incremental
R6AU1S	Field Sample		12/11/2002	STL-VT	90923	67.84	g	D422	ASTM	25000	uM	gravel	1 inch	100	Percent Finer
R6AU1S	Field Sample		12/11/2002	STL-VT	90923	67.84	g	D422	ASTM	25000	uM	gravel	1 inch	0	Percent Incremental
R6AU1S	Field Sample		12/11/2002	STL-VT	90923	67.84	g	D422	ASTM	37500	uM	gravel	1.5 inch	100	Percent Finer
R6AU1S	Field Sample		12/11/2002	STL-VT	90923	67.84	g	D422	ASTM	37500	uM	gravel	1.5 inch	0	Percent Incremental
R6AU1S	Field Sample		12/11/2002	STL-VT	90923	67.84	g	D422	ASTM	50000	uM	gravel	2 inch	100	Percent Finer
R6AU1S	Field Sample		12/11/2002	STL-VT	90923	67.84	g	D422	ASTM	50000	uM	gravel	2 inch	0	Percent Incremental
R6AU1S	Field Sample		12/11/2002	STL-VT	90923	67.84	g	D422	ASTM	75000	uM	gravel	3 inch	100	Percent Finer
R6AU1S	Field Sample		12/11/2002	STL-VT	90923	67.84	g	D422	ASTM	75000	uM	gravel	3 inch	0	Percent Incremental
R6BM1S	Field Sample		12/11/2002	STL-VT	90928	254.9	g	D422	ASTM	1.4	uM	clay		1.8	Percent Finer
R6BM1S	Field Sample		12/11/2002	STL-VT	90928	254.9	g	D422	ASTM	1.4	uM	clay		0	Percent Incremental
R6BM1S	Field Sample		12/11/2002	STL-VT	90928	254.9	g	D422	ASTM	3.4	uM	clay		1.8	Percent Finer
R6BM1S	Field Sample		12/11/2002	STL-VT	90928	254.9	g	D422	ASTM	3.4	uM	clay		0.6	Percent Incremental
R6BM1S	Field Sample		12/11/2002	STL-VT	90928	254.9	g	D422	ASTM	6.7	uM	silt		2.2	Percent Finer
R6BM1S	Field Sample		12/11/2002	STL-VT	90928	254.9	g	D422	ASTM	6.7	uM	silt		0	Percent Incremental
R6BM1S	Field Sample		12/11/2002	STL-VT	90928	254.9	g	D422	ASTM	9.8	uM	silt		2.2	Percent Finer
R6BM1S	Field Sample		12/11/2002	STL-VT	90928	254.9	g	D422	ASTM	9.8	uM	silt		0.3	Percent Incremental
R6BM1S	Field Sample		12/11/2002	STL-VT	90928	254.9	g	D422	ASTM	13.6	uM	silt		2.5	Percent Finer
R6BM1S	Field Sample		12/11/2002	STL-VT	90928	254.9	g	D422	ASTM	13.6	uM	silt		0.6	Percent Incremental
R6BM1S	Field Sample		12/11/2002	STL-VT	90928	254.9	g	D422	ASTM	23	uM	silt		3.2	Percent Finer
R6BM1S	Field Sample		12/11/2002	STL-VT	90928	254.9	g	D422	ASTM	23	uM	silt		0.9	Percent Incremental
R6BM1S	Field Sample		12/11/2002	STL-VT	90928	254.9	g	D422	ASTM	36	uM	silt		4.1	Percent Finer
R6BM1S	Field Sample		12/11/2002	STL-VT	90928	254.9	g	D422	ASTM	36	uM	silt		6.5	Percent Incremental
R6BM1S	Field Sample		12/11/2002	STL-VT	90928	254.9	g	D422	ASTM	75	uM	sand	#200	10.6	Percent Finer
R6BM1S	Field Sample		12/11/2002	STL-VT	90928	254.9	g	D422	ASTM	75	uM	sand	#200	47.5	Percent Incremental
R6BM1S	Field Sample		12/11/2002	STL-VT	90928	254.9	g	D422	ASTM	150	uM	sand	#100	58.1	Percent Finer
R6BM1S	Field Sample		12/11/2002	STL-VT	90928	254.9	g	D422	ASTM	150	uM	sand	#100	11.7	Percent Incremental
R6BM1S	Field Sample		12/11/2002	STL-VT	90928	254.9	g	D422	ASTM	180	uM	sand	#80	69.8	Percent Finer
R6BM1S	Field Sample		12/11/2002	STL-VT	90928	254.9	g	D422	ASTM	180	uM	sand	#80	21.5	Percent Incremental
R6BM1S	Field Sample		12/11/2002	STL-VT	90928	254.9	g	D422	ASTM	250	uM	sand	#60	91.3	Percent Finer
R6BM1S	Field Sample		12/11/2002	STL-VT	90928	254.9	g	D422	ASTM	250	uM	sand	#60	8.5	Percent Incremental
R6BM1S	Field Sample		12/11/2002	STL-VT	90928	254.9	g	D422	ASTM	425	uM	sand	#40	99.8	Percent Finer
R6BM1S	Field Sample		12/11/2002	STL-VT	90928	254.9	g	D422	ASTM	425	uM	sand	#40	0.2	Percent Incremental
R6BM1S	Field Sample		12/11/2002	STL-VT	90928	254.9	g	D422	ASTM	850	uM	sand	#20	100	Percent Finer
R6BM1S	Field Sample		12/11/2002	STL-VT	90928	254.9	g	D422	ASTM	850	uM	sand	#20	0	Percent Incremental
R6BM1S	Field Sample		12/11/2002	STL-VT	90928	254.9	g	D422	ASTM	2000	uM	sand	#10	100	Percent Finer
R6BM1S	Field Sample		12/11/2002	STL-VT	90928	254.9	g	D422	ASTM	2000	uM	sand	#10	0	Percent Incremental
R6BM1S	Field Sample		12/11/2002	STL-VT	90928	254.9	g	D422	ASTM	4750	uM	gravel	#4	100	Percent Finer
R6BM1S	Field Sample		12/11/2002	STL-VT	90928	254.9	g	D422	ASTM	4750	uM	gravel	#4	0	Percent Incremental

Appendix II-A

Results of Grain-Size Analysis of Sediments Collected from Mississippi River near Sauget Area 2 Sites

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	gravel	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	gravel	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	gravel	3/4 inch	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	gravel	3/4 inch	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	gravel	1 inch	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	gravel	1 inch	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	gravel	1.5 inch	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	gravel	1.5 inch	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	gravel	2 inch	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	gravel	2 inch	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	gravel	3 inch	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	gravel	3 inch	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	1.4	[illegible]	clay		5.7	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	1.4	[illegible]	clay		1.3	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	3.3	[illegible]	clay		[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	3.3	[illegible]	clay		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	6.4	[illegible]	silt		[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	6.4	[illegible]	silt		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	9.2	[illegible]	silt		[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	9.2	[illegible]	silt		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	12.9	[illegible]	silt		[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	12.9	[illegible]	silt		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	22	[illegible]	silt		[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	22	[illegible]	silt		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	34	[illegible]	silt		[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	34	[illegible]	silt		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	75	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	75	[illegible]	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	gravel	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	gravel	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	gravel	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	gravel	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	gravel	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	gravel	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	gravel	1 inch	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	gravel	1 inch	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	gravel	1.5 inch	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	gravel	1.5 inch	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	gravel	2 inch	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	gravel	2 inch	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	gravel	3 inch	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	gravel	3 inch	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	1.4	[illegible]	clay		[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	1.4	[illegible]	clay		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	3.3	[illegible]	clay		[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	3.3	[illegible]	clay		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	7	[illegible]	silt		[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	7	[illegible]	silt		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	silt		[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	silt		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	silt		[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	silt		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	silt		[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	silt		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	silt		[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	silt		[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	75	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	75	[illegible]	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Incremental
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Finer
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D422	ASTM	[illegible]	[illegible]	sand	[illegible]	[illegible]	Percent Incremental

Appendix II-A
Results of Grain-Size Analysis of Sediments Collected from Mississippi River near Sauget Area 2 Sites

Sample ID	Sample Type	Parent	Sample Date	Lab	SDG (STL-VT)	Sample Mass	Mass Units	Test Method	Reference	Particle Size	Particle Size Units	Soil Classification	Sieve Size	Result	Result Units
R8CM1S	Field Sample		12/11/2002	STL-VT	90928	274.14	g	D422	ASTM	850	uM	sand	#20	92.3	Percent Finer
R8CM1S	Field Sample		12/11/2002	STL-VT	90928	274.14	g	D422	ASTM	850	uM	sand	#20	4.6	Percent Incremental
R8CM1S	Field Sample		12/11/2002	STL-VT	90928	274.14	g	D422	ASTM	2000	uM	sand	#10	96.9	Percent Finer
R8CM1S	Field Sample		12/11/2002	STL-VT	90928	274.14	g	D422	ASTM	2000	uM	sand	#10	3.1	Percent Incremental
R8CM1S	Field Sample		12/11/2002	STL-VT	90928	274.14	g	D422	ASTM	4750	uM	gravel	#4	100	Percent Finer
R8CM1S	Field Sample		12/11/2002	STL-VT	90928	274.14	g	D422	ASTM	4750	uM	gravel	#4	0	Percent Incremental
R8CM1S	Field Sample		12/11/2002	STL-VT	90928	274.14	g	D422	ASTM	9500	uM	gravel	3/8 inch	100	Percent Finer
R8CM1S	Field Sample		12/11/2002	STL-VT	90928	274.14	g	D422	ASTM	9500	uM	gravel	3/8 inch	0	Percent Incremental
R8CM1S	Field Sample		12/11/2002	STL-VT	90928	274.14	g	D422	ASTM	19000	uM	gravel	3/4 inch	100	Percent Finer
R8CM1S	Field Sample		12/11/2002	STL-VT	90928	274.14	g	D422	ASTM	19000	uM	gravel	3/4 inch	0	Percent Incremental
R8CM1S	Field Sample		12/11/2002	STL-VT	90928	274.14	g	D422	ASTM	25000	uM	gravel	1 inch	100	Percent Finer
R8CM1S	Field Sample		12/11/2002	STL-VT	90928	274.14	g	D422	ASTM	25000	uM	gravel	1 inch	0	Percent Incremental
R8CM1S	Field Sample		12/11/2002	STL-VT	90928	274.14	g	D422	ASTM	37500	uM	gravel	1.5 inch	100	Percent Finer
R8CM1S	Field Sample		12/11/2002	STL-VT	90928	274.14	g	D422	ASTM	37500	uM	gravel	1.5 inch	0	Percent Incremental
R8CM1S	Field Sample		12/11/2002	STL-VT	90928	274.14	g	D422	ASTM	50000	uM	gravel	2 inch	100	Percent Finer
R8CM1S	Field Sample		12/11/2002	STL-VT	90928	274.14	g	D422	ASTM	50000	uM	gravel	2 inch	0	Percent Incremental
R8CM1S	Field Sample		12/11/2002	STL-VT	90928	274.14	g	D422	ASTM	75000	uM	gravel	3 inch	100	Percent Finer
R8CM1S	Field Sample		12/11/2002	STL-VT	90928	274.14	g	D422	ASTM	75000	uM	gravel	3 inch	0	Percent Incremental
RSAM1S	Field Sample		11/15/2002	STL-VT	91001	238.11	g	D422	ASTM	1.3	uM	clay		6.9	Percent Finer
RSAM1S	Field Sample		11/15/2002	STL-VT	91001	238.11	g	D422	ASTM	1.3	uM	clay		1.9	Percent Incremental
RSAM1S	Field Sample		11/15/2002	STL-VT	91001	238.11	g	D422	ASTM	3.1	uM	clay		8.8	Percent Finer
RSAM1S	Field Sample		11/15/2002	STL-VT	91001	238.11	g	D422	ASTM	3.1	uM	clay		2	Percent Incremental
RSAM1S	Field Sample		11/15/2002	STL-VT	91001	238.11	g	D422	ASTM	6.2	uM	silt		10.8	Percent Finer
RSAM1S	Field Sample		11/15/2002	STL-VT	91001	238.11	g	D422	ASTM	6.2	uM	silt		1.7	Percent Incremental
RSAM1S	Field Sample		11/15/2002	STL-VT	91001	238.11	g	D422	ASTM	8.1	uM	silt		12.5	Percent Finer
RSAM1S	Field Sample		11/15/2002	STL-VT	91001	238.11	g	D422	ASTM	8.1	uM	silt		1.3	Percent Incremental
RSAM1S	Field Sample		11/15/2002	STL-VT	91001	238.11	g	D422	ASTM	11.4	uM	silt		13.8	Percent Finer
RSAM1S	Field Sample		11/15/2002	STL-VT	91001	238.11	g	D422	ASTM	11.4	uM	silt		1.3	Percent Incremental
RSAM1S	Field Sample		11/15/2002	STL-VT	91001	238.11	g	D422	ASTM	19	uM	silt		15.2	Percent Finer
RSAM1S	Field Sample		11/15/2002	STL-VT	91001	238.11	g	D422	ASTM	19	uM	silt		3.4	Percent Incremental
RSAM1S	Field Sample		11/15/2002	STL-VT	91001	238.11	g	D422	ASTM	28	uM	silt		18.5	Percent Finer
RSAM1S	Field Sample		11/15/2002	STL-VT	91001	238.11	g	D422	ASTM	28	uM	silt		0.3	Percent Incremental
RSAM1S	Field Sample		11/15/2002	STL-VT	91001	238.11	g	D422	ASTM	75	uM	sand	#200	18.9	Percent Finer
RSAM1S	Field Sample		11/15/2002	STL-VT	91001	238.11	g	D422	ASTM	75	uM	sand	#200	32.8	Percent Incremental
RSAM1S	Field Sample		11/15/2002	STL-VT	91001	238.11	g	D422	ASTM	150	uM	sand	#100	51.7	Percent Finer
RSAM1S	Field Sample		11/15/2002	STL-VT	91001	238.11	g	D422	ASTM	150	uM	sand	#100	12	Percent Incremental
RSAM1S	Field Sample		11/15/2002	STL-VT	91001	238.11	g	D422	ASTM	180	uM	sand	#80	63.7	Percent Finer
RSAM1S	Field Sample		11/15/2002	STL-VT	91001	238.11	g	D422	ASTM	180	uM	sand	#80	16.9	Percent Incremental
RSAM1S	Field Sample		11/15/2002	STL-VT	91001	238.11	g	D422	ASTM	250	uM	sand	#60	82.6	Percent Finer
RSAM1S	Field Sample		11/15/2002	STL-VT	91001	238.11	g	D422	ASTM	250	uM	sand	#60	6.5	Percent Incremental
RSAM1S	Field Sample		11/15/2002	STL-VT	91001	238.11	g	D422	ASTM	425	uM	sand	#40	89.4	Percent Finer
RSAM1S	Field Sample		11/15/2002	STL-VT	91001	238.11	g	D422	ASTM	425	uM	sand	#40	3.3	Percent Incremental
RSAM1S	Field Sample		11/15/2002	STL-VT	91001	238.11	g	D422	ASTM	850	uM	sand	#20	92.7	Percent Finer
RSAM1S	Field Sample		11/15/2002	STL-VT	91001	238.11	g	D422	ASTM	850	uM	sand	#20	7.2	Percent Incremental
RSAM1S	Field Sample		11/15/2002	STL-VT	91001	238.11	g	D422	ASTM	2000	uM	sand	#10	99.9	Percent Finer
RSAM1S	Field Sample		11/15/2002	STL-VT	91001	238.11	g	D422	ASTM	2000	uM	sand	#10	0.1	Percent Incremental
RSAM1S	Field Sample		11/15/2002	STL-VT	91001	238.11	g	D422	ASTM	4750	uM	gravel	#4	100	Percent Finer
RSAM1S	Field Sample		11/15/2002	STL-VT	91001	238.11	g	D422	ASTM	4750	uM	gravel	#4	0	Percent Incremental
RSAM1S	Field Sample		11/15/2002	STL-VT	91001	238.11	g	D422	ASTM	9500	uM	gravel	3/8 inch	100	Percent Finer
RSAM1S	Field Sample		11/15/2002	STL-VT	91001	238.11	g	D422	ASTM	9500	uM	gravel	3/8 inch	0	Percent Incremental
RSAM1S	Field Sample		11/15/2002	STL-VT	91001	238.11	g	D422	ASTM	19000	uM	gravel	3/4 inch	100	Percent Finer
RSAM1S	Field Sample		11/15/2002	STL-VT	91001	238.11	g	D422	ASTM	19000	uM	gravel	3/4 inch	0	Percent Incremental
RSAM1S	Field Sample		11/15/2002	STL-VT	91001	238.11	g	D422	ASTM	25000	uM	gravel	1 inch	100	Percent Finer
RSAM1S	Field Sample		11/15/2002	STL-VT	91001	238.11	g	D422	ASTM	25000	uM	gravel	1 inch	0	Percent Incremental
RSAM1S	Field Sample		11/15/2002	STL-VT	91001	238.11	g	D422	ASTM	37500	uM	gravel	1.5 inch	100	Percent Finer
RSAM1S	Field Sample		11/15/2002	STL-VT	91001	238.11	g	D422	ASTM	37500	uM	gravel	1.5 inch	0	Percent Incremental
RSAM1S	Field Sample		11/15/2002	STL-VT	91001	238.11	g	D422	ASTM	50000	uM	gravel	2 inch	100	Percent Finer
RSAM1S	Field Sample		11/15/2002	STL-VT	91001	238.11	g	D422	ASTM	50000	uM	gravel	2 inch	0	Percent Incremental
RSAM1S	Field Sample		11/15/2002	STL-VT	91001	238.11	g	D422	ASTM	75000	uM	gravel	3 inch	100	Percent Finer
RSAM1S	Field Sample		11/15/2002	STL-VT	91001	238.11	g	D422	ASTM	75000	uM	gravel	3 inch	0	Percent Incremental

Appendix II-B

Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
R1AD1S	Sediment		11/15/2002	Field Sample	8260	71-55-6	1,1,1-Trichloroethane	2.9	U	2.9	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8260	79-34-5	1,1,2,2-Tetrachloroethane	2.9	U	2.9	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8260	79-00-5	1,1,2-Trichloroethane	2.9	U	2.9	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8260	75-34-3	1,1-Dichloroethane	2.9	U	2.9	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8260	75-35-4	1,1-Dichloroethylene	2.9	U	2.9	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8270	120-82-1	1,2,4-Trichlorobenzene	500	U	500	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8270	95-50-1	1,2-Dichlorobenzene	500	U	500	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8260	107-06-2	1,2-Dichloroethane	2.9	U	2.9	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8260	540-59-0	1,2-Dichloroethene (total)	2.9	U	2.9	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8260	78-87-5	1,2-Dichloropropane	2.9	U	2.9	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8270	541-73-1	1,3-Dichlorobenzene	500	U	500	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8270	106-46-7	1,4-Dichlorobenzene	500	U	500	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8270	108-60-1	2,2'-Oxybis(1-Chloro(propane)) (bis-2-chloroisopropyl ether)	500	U	500	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8151	93-76-5	2,4,5-T	12	R	12	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8151	93-72-1	2,4,5-TP (Silvex)	12	R	12	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8270	95-95-4	2,4,5-Trichlorophenol	500	U	500	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8270	88-06-2	2,4,6-Trichlorophenol	500	U	500	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8151	94-75-7	2,4-D	12	R	12	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8151	94-82-6	2,4-DB	12	R	12	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8270	120-83-2	2,4-Dichlorophenol	500	U	500	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8270	105-67-9	2,4-Dimethylphenol	500	U	500	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8270	51-28-5	2,4-Dinitrophenol	2600	UJ	2600	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8270	121-14-2	2,4-Dinitrotoluene	500	U	500	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8270	606-20-2	2,6-Dinitrotoluene	500	U	500	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8260	78-93-3	2-Butanone (MEK)	3.4	J	8.8	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8270	91-58-7	2-Chloronaphthalene	500	U	500	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8270	95-57-8	2-Chlorophenol	500	U	500	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8270	91-57-6	2-Methylnaphthalene	500	U	500	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8270	95-48-7	2-Methylphenol (o-Cresol)	500	U	500	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8270	88-74-4	2-Nitroaniline	2600	UJ	2600	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8270	88-75-5	2-Nitrophenol	500	U	500	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8270	91-94-1	3,3'-Dichlorobenzidine	1000	U	1000	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8270	108-44-5	3-Methylphenol/4-Methylphenol (m&p-Cresol)	500	U	500	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8270	99-09-2	3-Nitroaniline	2600	UJ	2600	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8081	72-54-8	4,4'-DDD	5	UJ	5	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8081	72-55-9	4,4'-DDE	1.1	R	1.1	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8081	50-29-3	4,4'-DDT	5	R	5	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8270	534-52-1	4,6-Dinitro-2-methylphenol	2600	U	2600	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8270	101-55-3	4-Bromophenyl Phenyl Ether	500	U	500	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8270	59-50-7	4-Chloro-3-methylphenol	500	U	500	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8270	7005-72-3	4-Chlorophenyl Phenyl Ether	500	U	500	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8260	108-10-1	4-Methyl-2-pentanone (MIBK)	14	U	14	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8270	100-02-7	4-Nitrophenol	2600	U	2600	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8270	83-32-9	Acenaphthene	500	U	500	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8270	208-96-8	Acenaphthylene	500	U	500	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8260	67-64-1	Acetone	26	J	16	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8081	309-00-2	Aldrin	2.6	U	2.6	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8081	319-84-6	alpha-BHC	2.6	U	2.6	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8081	5103-71-9	alpha-Chlordane	2.6	U	2.6	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	6010	7429-90-5	Aluminum	3800		0.02	mg/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8270	120-12-7	Anthracene	500	U	500	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	6010	7440-36-0	Antimony	3	U	3	mg/kg
R1AD1S	Sediment		11/15/2002	Field Sample	6010	7440-38-2	Arsenic	5.8		0.01	mg/kg
R1AD1S	Sediment		11/15/2002	Field Sample	6010	7440-39-3	Barium	140		0.94	mg/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8260	71-43-2	Benzene	2.9	U	2.9	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8270	56-55-3	Benzo(a)anthracene	500	U	500	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8270	50-32-8	Benzo(a)pyrene	500	U	500	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8270	205-99-2	Benzo(b)fluoranthene	500	U	500	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8270	191-24-2	Benzo(g,h,i)perylene	500	U	500	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8270	207-08-9	Benzo(k)fluoranthene	500	U	500	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8270	85-68-7	Benzyl Butyl Phthalate	500	U	500	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	6010	7440-41-7	Beryllium	0.48	J	0.004	mg/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8081	319-85-7	beta-BHC	2.6	U	2.6	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8270	111-91-1	bis(2-Chloroethoxy)methane	500	U	500	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8270	111-44-4	bis(2-Chloroethyl)ether	500	U	500	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8270	117-81-7	bis(2-Ethylhexyl)phthalate	500	U	500	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8260	75-27-4	Bromodichloromethane	2.9	U	2.9	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8260	75-25-2	Bromoform	2.9	U	2.9	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8260	74-83-9	Bromomethane	5.8	UJ	5.8	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	6010	7440-43-9	Cadmium	1.2		0.005	mg/kg
R1AD1S	Sediment		11/15/2002	Field Sample	6010	7440-70-2	Calcium	6200		1.1	mg/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8270	86-74-8	Carbazole	500	U	500	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	29	U	29	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	29	U	29	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	29	U	29	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	29	U	29	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	58	U	58	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	29	U	29	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	58	U	58	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	11		0.61	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	3	J	10	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	29	U	29	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	6		0.61	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	12		0.61	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	R	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	25	U	25	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	25	U	25	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	33	R	33	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-BCHLOROB	[illegible]	5	U	5	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	29	U	29	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	100	R	100	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	5	U	5	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Butyl Phthalate	[illegible]	U	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Diethyl Phthalate	[illegible]	U	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	UJ	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endosulfan I	25	U	25	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endosulfan II	5	U	5	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endosulfan Sulfate	5	U	5	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endrin	5	U	5	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endrin Aldehyde	5	U	5	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endrin Ketone	5	UJ	5	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Methoxychlor	29	U	29	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Toxaphene	41	J	10	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Aldrin	[illegible]	U	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	gamma-BHC (Lindane)	25	U	25	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	gamma-Chlordane	25	U	25	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Heptachlor	25	UJ	25	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Heptachlor Epoxide	25	U	25	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-HEPTACLOR	Heptachlor Epoxide	15	U	15	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Hexachlorobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-HEXACLORO	Hexachlorobutadiene	10	U	10	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Hexachlorocyclopentadiene	[illegible]	U	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Hexachloroethane	[illegible]	UJ	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Hexachlorophene	[illegible]	U	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Indeno(1,2,3-cd)pyrene	[illegible]	U	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Iron	[illegible]		0.65	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Isophorone	[illegible]	U	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Lead	12		0.035	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Magnesium	[illegible]		47	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Manganese	[illegible]		0.61	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	MCPA (4-chloro-2-methylphenoxyacetic acid)	[illegible]	R	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	MCPP	[illegible]	J	100	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Mercury	0.055		0.027	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Methapyrilene	35	UJ	35	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Methyl n-butyl ketone	14	U	14	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-METHOXYCLORO	Methoxychlor	5	U	5	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Methylene chloride	[illegible]	U	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Mirex	15		0.61	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Naphthalene	[illegible]	U	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Nitroaniline	[illegible]	U	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-NITROBENZ	Nitrobenzene	15	U	15	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Nitrophenol	100	U	100	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-NITROSAMI	N-Nitrosodimethylamine	10	U	10	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	N-Nitrosodiphenylamine	25	R	25	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	Ph	pH	7		1	units
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Phenanthrene	35	J	10	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Phenol	[illegible]	U	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Picoline	[illegible]	U	[illegible]	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
R1AD1S	Sediment		11/15/2002	Field Sample	6010	7440-09-7	Potassium	820		94	mg/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8270	129-00-0	Pyrene	67	J	10	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	6010	7782-49-2	Selenium	1.3	U	1.3	mg/kg
R1AD1S	Sediment		11/15/2002	Field Sample	6010	7440-22-4	Silver	1.3	UJ	1.3	mg/kg
R1AD1S	Sediment		11/15/2002	Field Sample	6010	7440-23-5	Sodium	78		100	mg/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8260	100-42-5	Styrene (Monomer)	2.9	U	2.9	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	680	C-TETRACHLOR	Tetrachlorobiphenyl	10	U	10	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8260	127-18-4	Tetrachloroethene	2.9	U	2.9	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	6010	7440-28-0	Thallium	1.3	U	1.3	mg/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8260	108-88-3	Toluene	2.9	U	2.9	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	9060	E-10195	Total Organic Carbon	13000		500	mg/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8081	8001-35-2	Toxaphene	280	U	280	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8260	10061-02-6	trans-1,3-Dichloropropene	2.9	U	2.9	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	680	C-TRICHLOROB	Trichlorobiphenyl	5	U	5	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8260	79-01-6	Trichloroethylene	2.9	U	2.9	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	6010	7440-62-2	Vanadium	19		0.01	mg/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8260	75-01-4	Vinyl chloride	5.8	U	5.8	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	8260	1330-20-7	Xylenes, Total	9.3	U	9.3	ug/kg
R1AD1S	Sediment		11/15/2002	Field Sample	6010	7440-66-6	Zinc	89	J	0.02	mg/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8260	71-55-6	1,1,1-Trichloroethane	3.4	U	3.4	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8260	79-34-5	1,1,2,2-Tetrachloroethane	3.4	U	3.4	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8260	79-00-5	1,1,2-Trichloroethane	3.4	U	3.4	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8260	75-34-3	1,1-Dichloroethane	3.4	U	3.4	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8260	75-35-4	1,1-Dichloroethylene	3.4	U	3.4	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8270	120-82-1	1,2,4-Trichlorobenzene	440	U	440	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8270	95-50-1	1,2-Dichlorobenzene	440	U	440	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8260	107-06-2	1,2-Dichloroethane	3.4	U	3.4	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8260	540-59-0	1,2-Dichloroethene (total)	3.4	U	3.4	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8260	78-87-5	1,2-Dichloropropane	3.4	U	3.4	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8270	541-73-1	1,3-Dichlorobenzene	440	U	440	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8270	106-46-7	1,4-Dichlorobenzene	440	U	440	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8270	108-60-1	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	440	U	440	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8151	93-76-5	2,4,5-T	11	R	11	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8151	93-72-1	2,4,5-TP (Silvex)	11	R	11	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8270	95-95-4	2,4,5-Trichlorophenol	440	U	440	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8270	88-06-2	2,4,6-Trichlorophenol	440	U	440	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8151	94-75-7	2,4-D	11	R	11	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8151	94-82-6	2,4-DB	11	R	11	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8270	120-83-2	2,4-Dichlorophenol	440	U	440	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8270	105-67-9	2,4-Dimethylphenol	440	U	440	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8270	51-28-5	2,4-Dinitrophenol	2300	UJ	2300	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8270	121-14-2	2,4-Dinitrotoluene	440	U	440	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8270	606-20-2	2,6-Dinitrotoluene	440	U	440	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8260	78-93-3	2-Butanone (MEK)	17	U	17	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8270	91-58-7	2-Chloronaphthalene	440	U	440	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8270	95-57-8	2-Chlorophenol	440	U	440	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8270	91-57-6	2-Methylnaphthalene	440	U	440	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8270	95-48-7	2-Methylphenol (o-Cresol)	440	U	440	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8270	88-74-4	2-Nitroaniline	2300	UJ	2300	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8270	88-75-5	2-Nitrophenol	440	U	440	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8270	91-94-1	3,3'-Dichlorobenzidine	880	U	880	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8270	108-44-5	3-Methylphenol/4-Methylphenol (m&p-Cresol)	440	U	440	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8270	99-09-2	3-Nitroaniline	2300	UJ	2300	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8081	72-54-8	4,4'-DDD	4.4	UJ	4.4	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8081	72-55-9	4,4'-DDE	4.4	U	4.4	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8081	50-29-3	4,4'-DDT	4.4	R	4.4	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8270	534-52-1	4,6-Dinitro-2-methylphenol	2300	U	2300	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8270	101-55-3	4-Bromophenyl Phenyl Ether	440	U	440	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8270	59-50-7	4-Chloro-3-methylphenol	440	U	440	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8270	7005-72-3	4-Chlorophenyl Phenyl Ether	440	U	440	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8260	108-10-1	4-Methyl-2-pentanone (MIBK)	17	U	17	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8270	100-02-7	4-Nitrophenol	2300	U	2300	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8270	83-32-9	Acenaphthene	440	U	440	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8270	208-96-8	Acenaphthylene	440	U	440	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8260	67-64-1	Acetone	98	J	18	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8081	309-00-2	Aldrin	2.3	U	2.3	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8081	319-84-6	alpha-BHC	2.3	U	2.3	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8081	5103-71-9	alpha-Chlordane	2.3	U	2.3	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	6010	7429-90-5	Aluminum	2400		0.02	mg/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8270	120-12-7	Anthracene	440	U	440	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	6010	7440-36-0	Antimony	2.4	UJ	2.4	mg/kg
R1AM1S	Sediment		11/15/2002	Field Sample	6010	7440-38-2	Arsenic	2.9		0.01	mg/kg

Appendix II-B

Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
R1AM1S	Sediment		11/15/2002	Field Sample	8151	93-65-2	MCPP	2700	R	2700	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	7471	7439-97-6	Mercury	0.13		0.017	mg/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8081	72-43-5	Methoxychlor	23	UJ	23	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8260	591-78-6	Methyl N-Butyl Ketone	17	U	17	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	680	C-MONOCHLORO	Monochlorobiphenyl	4.4	U	4.4	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8270	91-20-3	Naphthalene	440	U	440	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	6010	7440-02-0	Nickel	8.7		0.04	mg/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8270	98-95-3	Nitrobenzene	440	U	440	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8270	621-64-7	N-Nitroso-di-n-propylamine	440	U	440	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8270	86-30-6	N-Nitrosodiphenylamine	440	U	440	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	680	C-NONACHLORO	Nonachlorobiphenyl	23	U	23	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	680	C-OCTA-BIPHE	Octachlorobiphenyl	13	U	13	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8270	106-47-8	P-Chloroaniline	880	U	880	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	680	C-PENTBIPHEN	Pentachlorobiphenyl	8.9	U	8.9	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8151	87-86-5	Pentachlorophenol	23	R	23	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	9045	PH	pH	7.3		1	unit
R1AM1S	Sediment		11/15/2002	Field Sample	8270	85-01-8	Phenanthrene	440	U	440	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8270	108-95-2	Phenol	440	U	440	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8270	100-01-6	P-Nitroaniline	2300	U	2300	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	6010	7440-09-7	Potassium	440		94	mg/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8270	129-00-0	Pyrene	440	U	440	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	6010	7782-49-2	Selenium	1.2	U	1.2	mg/kg
R1AM1S	Sediment		11/15/2002	Field Sample	6010	7440-22-4	Silver	1.2	UJ	1.2	mg/kg
R1AM1S	Sediment		11/15/2002	Field Sample	6010	7440-23-5	Sodium	57	J	100	mg/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8260	100-42-5	Styrene (Monomer)	3.4	U	3.4	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	680	C-TETRACHLOR	Tetrachlorobiphenyl	8.9	U	8.9	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8260	127-18-4	Tetrachloroethene	3.4	U	3.4	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	6010	7440-28-0	Thallium	1.2	U	1.2	mg/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8260	108-88-3	Toluene	3.4	U	3.4	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	9060	E-10195	Total Organic Carbon	2700		500	mg/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8081	8001-35-2	Toxaphene	230	U	230	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8260	10061-02-6	trans-1,3-Dichloropropene	3.4	U	3.4	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	680	C-TRICHLOROB	Trichlorobiphenyl	4.4	U	4.4	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8260	79-01-6	Trichloroethylene	3.4	U	3.4	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	6010	7440-62-2	Vanadium	9.2		0.01	mg/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8260	75-01-4	Vinyl chloride	6.9	U	6.9	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	8260	1330-20-7	Xylenes, Total	6.9	U	6.9	ug/kg
R1AM1S	Sediment		11/15/2002	Field Sample	6010	7440-66-6	Zinc	34	J	0.02	mg/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8260	71-55-6	1,1,1-Trichloroethane	3.4	U	3.4	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8260	79-34-5	1,1,2,2-Tetrachloroethane	3.4	U	3.4	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8260	79-00-5	1,1,2-Trichloroethane	3.4	U	3.4	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8260	75-34-3	1,1-Dichloroethane	3.4	U	3.4	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8260	75-35-4	1,1-Dichloroethylene	3.4	U	3.4	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8270	120-82-1	1,2,4-Trichlorobenzene	350	U	350	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8270	95-50-1	1,2-Dichlorobenzene	350	U	350	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8260	107-06-2	1,2-Dichloroethane	3.4	U	3.4	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8260	540-59-0	1,2-Dichloroethene (total)	3.4	U	3.4	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8260	78-87-5	1,2-Dichloropropane	3.4	U	3.4	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8270	541-73-1	1,3-Dichlorobenzene	350	U	350	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8270	106-46-7	1,4-Dichlorobenzene	350	U	350	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8270	108-60-1	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	350	U	350	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8151	93-76-5	2,4,5-T	8.8	R	8.8	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8151	93-72-1	2,4,5-TP (Silvex)	8.8	R	8.8	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8270	95-95-4	2,4,5-Trichlorophenol	350	U	350	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8270	88-06-2	2,4,6-Trichlorophenol	350	U	350	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8151	94-75-7	2,4-D	8.8	R	8.8	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8151	94-82-6	2,4-DB	8.8	R	8.8	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8270	120-83-2	2,4-Dichlorophenol	350	U	350	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8270	105-67-9	2,4-Dimethylphenol	350	U	350	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8270	51-28-5	2,4-Dinitrophenol	1800	UJ	1800	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8270	121-14-2	2,4-Dinitrotoluene	350	U	350	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8270	606-20-2	2,6-Dinitrotoluene	350	U	350	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8260	78-93-3	2-Butanone (MEK)	17	U	17	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8270	91-58-7	2-Chloronaphthalene	350	U	350	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8270	95-57-8	2-Chlorophenol	350	U	350	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8270	91-57-6	2-Methylnaphthalene	350	U	350	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8270	95-48-7	2-Methylphenol (o-Cresol)	350	U	350	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8270	88-74-4	2-Nitroaniline	1800	UJ	1800	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8270	88-75-5	2-Nitrophenol	350	U	350	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8270	91-94-1	3,3'-Dichlorobenzidine	700	U	700	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8270	108-44-5	3-Methylphenol/4-Methylphenol (m&p-Cresol)	350	U	350	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8270	99-09-2	3-Nitroaniline	1800	UJ	1800	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Saugat Area 2 Sites

Parent Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,4-DDD	35	U	35	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,4-DDE	35	U	35	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,4-DDT	35	U	35	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,6-Dinitro-2-methylphenol	1000	U	1000	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Bromophenyl Phenyl Ether	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Chloro-3-methylphenol	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Chlorophenyl Phenyl Ether	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Methyl-2-pentanone (MIBK)	17	U	17	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Nitrophenol	1000	U	1000	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Acenaphthene	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Acenaphthylene	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Acetone	12	J	16	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Aldrin	1.6	U	1.6	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	alpha-BHC	1.6	U	1.6	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	alpha-Chlordane	1.6	U	1.6	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Aluminum	600		0.62	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Anthracene	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Antimony	2.1	U	2.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Arsenic	1.5	J	0.61	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Barium	35		0.04	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzene	3.4	U	3.4	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo(a)anthracene	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo(a)pyrene	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo(b)fluoranthene	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo(g,h,i)perylene	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo(k)fluoranthene	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzyl Butyl Phthalate	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Beryllium	0.42	U	0.42	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	beta-BHC	1.6	U	1.6	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	bis(2-Chloroethoxy)methane	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	bis(2-Chloroethyl)ether	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	bis(2-Ethylhexyl)phthalate	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Bromodichloromethane	3.4	U	3.4	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Bromoform	3.4	U	3.4	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Bromomethane	6.8	UJ	6.8	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Cadmium	0.45	UJ	0.45	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Calcium	600		1.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Carbazole	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Carbon disulfide	3.4	U	3.4	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Carbon Tetrachloride	3.4	U	3.4	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chlorobenzene	3.4	U	3.4	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chlorodibromomethane	3.4	U	3.4	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chloroform	6.8	U	6.8	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chloromethane	3.4	U	3.4	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chrysene	6.8	UJ	6.8	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chromium	1.6		0.61	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Coronene	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	cis-1,3-Dichloropropene	3.4	U	3.4	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Cobalt	2.4		0.61	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Copper	0.75	J	0.61	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Cyanide	2.00	R	2.00	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dibenz(a,h)anthracene	10	U	10	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	delta-BHC	1.6	U	1.6	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dibenzofuran	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dieldrin	3.3	R	3.3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C2D2D2D2D	Diethylphenyl	35	U	35	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Diethylsulfide	3.4	U	3.4	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Diethyl ether	12	J	100	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dioxin	35	U	35	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dibutyl Phthalate	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Diethyl Phthalate	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Di-n-octylphthalate	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Di-n-octylphthalate	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dioxin	330	UJ	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endosulfan I	1.6	U	1.6	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endosulfan II	3.5	U	3.5	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endosulfan Sulfate	3.5	U	3.5	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endrin	3.5	U	3.5	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endrin Aldehyde	3.5	U	3.5	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endrin Ketone	3.5	U	3.5	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Ethylbenzene	3.4	U	3.4	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
R1AU1S	Sediment		11/16/2002	Field Sample	8270	208-44-0	Fluoranthene	350	U	350	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8270	86-73-7	Fluorene	350	U	350	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8081	58-89-9	gamma-BHC (Lindane)	1.8	U	1.8	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8081	5103-74-2	gamma-Chlordane	1.8	U	1.8	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8081	76-44-8	Heptachlor	1.8	U	1.8	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8081	1024-57-3	Heptachlor Epoxide	1.8	U	1.8	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	680	C-HEPTACHLOR	Heptachlorobiphenyl	11	U	11	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8270	118-74-1	Hexachlorobenzene	350	U	350	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	680	C-HEXACHLORO	Hexachlorobiphenyl	7.1	U	7.1	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8270	87-68-3	Hexachlorobutadiene	350	U	350	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8270	77-47-4	Hexachlorocyclopentadiene	350	UJ	350	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8270	67-72-1	Hexachloroethane	350	U	350	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8270	193-39-5	Indeno(1,2,3-cd)pyrene	350	U	350	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	6010	7439-89-6	Iron	3900		0.05	mg/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8270	78-59-1	Isophorone	350	U	350	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	6010	7439-92-1	Lead	2.7		0.005	mg/kg
R1AU1S	Sediment		11/16/2002	Field Sample	6010	7439-95-4	Magnesium	380		47	mg/kg
R1AU1S	Sediment		11/16/2002	Field Sample	6010	7439-96-5	Manganese	140		0.01	mg/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8151	94-74-6	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	2100	R	2100	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8151	93-65-2	MCPP	2100	R	2100	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	7471	7439-97-6	Mercury	0.0045	J	0.017	mg/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8081	72-43-5	Methoxychlor	18	U	18	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8260	591-78-6	Methyl N-Butyl Ketone	17	U	17	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	680	C-MONOCHLORO	Monochlorobiphenyl	3.5	U	3.5	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8270	91-20-3	Naphthalene	350	U	350	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	6010	7440-02-0	Nickel	5		0.04	mg/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8270	98-95-3	Nitrobenzene	350	U	350	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8270	621-64-7	N-Nitroso-di-n-propylamine	350	U	350	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8270	86-30-6	N-Nitrosodiphenylamine	350	U	350	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	680	C-NONACHLORO	Nonachlorobiphenyl	18	U	18	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	680	C-OCTA-BIPHE	Octachlorobiphenyl	11	U	11	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8270	106-47-8	P-Chloroaniline	700	U	700	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	680	C-PENTBIPHEN	Pentachlorobiphenyl	7.1	U	7.1	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8151	87-86-5	Pentachlorophenol	18	R	18	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	9045	PH	pH	7.3		1	units
R1AU1S	Sediment		11/16/2002	Field Sample	8270	85-01-8	Phenanthrene	350	U	350	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8270	108-95-2	Phenol	350	U	350	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8270	100-01-6	P-Nitroaniline	1800	U	1800	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	6010	7440-09-7	Potassium	120		94	mg/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8270	129-00-0	Pyrene	350	U	350	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	6010	7782-49-2	Selenium	0.97	U	0.97	mg/kg
R1AU1S	Sediment		11/16/2002	Field Sample	6010	7440-22-4	Silver	0.97	UJ	0.97	mg/kg
R1AU1S	Sediment		11/16/2002	Field Sample	6010	7440-23-5	Sodium	25	J	100	mg/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8260	100-42-5	Styrene (Monomer)	3.4	U	3.4	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	680	C-TETRACHLOR	Tetrachlorobiphenyl	7.1	U	7.1	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8260	127-18-4	Tetrachloroethene	3.4	U	3.4	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	6010	7440-28-0	Thallium	0.97	U	0.97	mg/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8260	108-88-3	Toluene	3.4	U	3.4	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	9060	E-10195	Total Organic Carbon	500	U	500	mg/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8081	8001-35-2	Toxaphene	180	U	180	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8260	10061-02-6	trans-1,3-Dichloropropene	3.4	U	3.4	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	680	C-TRICHLOROB	Trichlorobiphenyl	3.5	U	3.5	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8260	79-01-6	Trichloroethylene	3.4	U	3.4	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	6010	7440-62-2	Vanadium	3.6		0.01	mg/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8260	75-01-4	Vinyl chloride	6.8	U	6.8	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	8260	1330-20-7	Xylenes, Total	11	U	11	ug/kg
R1AU1S	Sediment		11/16/2002	Field Sample	6010	7440-66-6	Zinc	8.2	J	0.02	mg/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8260	71-55-6	1,1,1-Trichloroethane	2.8	U	2.8	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8260	79-34-5	1,1,2,2-Tetrachloroethane	2.8	U	2.8	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8260	79-00-5	1,1,2-Trichloroethane	2.8	U	2.8	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8260	75-34-3	1,1-Dichloroethane	2.8	U	2.8	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8260	75-35-4	1,1-Dichloroethylene	2.8	U	2.8	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8270	120-82-1	1,2,4-Trichlorobenzene	440	U	440	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8270	95-50-1	1,2-Dichlorobenzene	440	U	440	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8260	107-06-2	1,2-Dichloroethane	2.8	U	2.8	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8260	540-59-0	1,2-Dichloroethene (total)	2.8	U	2.8	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8260	78-87-5	1,2-Dichloropropane	2.8	U	2.8	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8270	541-73-1	1,3-Dichlorobenzene	440	U	440	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8270	106-46-7	1,4-Dichlorobenzene	440	U	440	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8270	108-60-1	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	440	U	440	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8151	93-76-5	2,4,5-T	11	R	11	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8151	93-72-1	2,4,5-TP (Silvex)	11	R	11	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Media	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4,5-Trichlorophenol	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4,6-Trichlorophenol	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-D	11	R	11	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-DB	11	R	11	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-Dichlorophenol	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-Dimethylphenol	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-Dinitrophenol	2200	UJ	2200	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-Dinitrotoluene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,6-Dinitrotoluene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Butanone (MEK)	14	U	14	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Chloronaphthalene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Chlorophenol	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Methylnaphthalene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Methylphenol (o-Cresol)	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Nitroaniline	2200	UJ	2200	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Nitrophenol	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	3,3'-Dichlorobenzidine	880	U	880	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	3-Methylcholanthrene (3-Methylphenol (m-Cresol))	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	3-Nitroaniline	2200	UJ	2200	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,6-DNO	4.4	U	4.4	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,6-DNOC	4.4	U	4.4	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,6-DNP	4.4	U	4.4	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,6-Dinitro-2-methylphenol	2200	U	2200	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Bromophenyl Phenyl Ether	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Chloro-3-methylphenol	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Chlorophenyl Phenyl Ether	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Methyl-2-pentanone (MIBK)	14	U	14	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Nitrophenol	2200	U	2200	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Acenaphthene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Acenaphthylene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Acetone	28	BJ	28	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Aldrin	23	U	23	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	alpha-BHC	23	U	23	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	alpha-Chlordane	23	U	23	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Aluminum	1300		0.62	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Anthracene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Antimony	27	U	27	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Arsenic	23		0.61	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Barium	41		0.61	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	71-43-2	Benzene	23	U	23	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo(a)anthracene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo(a)pyrene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo(b)fluoranthene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo(g,h,i)perylene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo(k)fluoranthene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzyl Butyl Phthalate	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Beryllium	0.28	U	0.28	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	beta-BHC	23	U	23	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	bis(2-Chloroethoxy)methane	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	bis(2-Chloroethyl)ether	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	bis(2-Ethylhexyl)phthalate	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Bromodichloromethane	23	U	23	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Bromoform	23	U	23	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Bromomethane	5.6	UJ	5.6	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Cadmium	0.61	UJ	0.61	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Calcium	2400		1.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Carbazole	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Carbon disulfide	23	U	23	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Carbon Tetrachloride	23	U	23	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chlorobenzene	23	U	23	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chlorodibromomethane	23	U	23	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chloroform	5.6	U	5.6	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chloromethane	23	U	23	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chromium	5.6	UJ	5.6	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chrysene	6		0.61	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Cobalt	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	cis-1,3-Dichloropropene	23	U	23	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Cobalt	23		0.61	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Copper	1.4	J	0.61	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Cyanide	200	R	200	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dibenzofuran	23	U	23	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	delta-BHC	23	U	23	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
R1BD1S	Sediment		11/15/2002	Field Sample	8270	53-70-3	Dibenzo(a,h)anthracene	440	U	440	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8270	132-64-9	Dibenzofuran	440	U	440	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8151	1918-00-9	Dicamba	27	R	27	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	680	C-DICHLOROBI	Dichlorobiphenyl	4.4	U	4.4	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8260	75-09-2	Dichloromethane	2.8	U	2.8	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8151	120-36-5	Dichlorprop	130	R	130	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8081	60-57-1	Dieldrin	4.4	U	4.4	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8270	84-66-2	Diethyl Phthalate	440	U	440	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8270	131-11-3	Dimethyl Phthalate	440	U	440	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8270	84-74-2	Di-n-butylphthalate	440	U	440	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8270	117-84-0	Di-n-octylphthalate	440	U	440	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8270	88-85-7	Dinoseb	440	UJ	440	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8081	959-98-8	Endosulfan I	2.3	U	2.3	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8081	33213-65-9	Endosulfan II	4.4	U	4.4	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8081	1031-07-8	Endosulfan Sulfate	4.4	U	4.4	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8081	72-20-8	Endrin	4.4	U	4.4	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8081	7421-93-4	Endrin Aldehyde	4.4	U	4.4	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8081	53494-70-5	Endrin Ketone	4.4	U	4.4	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8260	100-41-4	Ethylbenzene	2.8	U	2.8	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8270	206-44-0	Fluoranthene	440	U	440	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8270	86-73-7	Fluorene	440	U	440	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8081	58-89-9	gamma-BHC (Lindane)	2.3	U	2.3	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8081	5103-74-2	gamma-Chlordane	2.3	U	2.3	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8081	76-44-8	Heptachlor	2.3	U	2.3	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8081	1024-57-3	Heptachlor Epoxide	2.3	U	2.3	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	680	C-HEPTACHLOR	Heptachlorobiphenyl	13	U	13	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8270	118-74-1	Hexachlorobenzene	440	U	440	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	680	C-HEXACHLORO	Hexachlorobiphenyl	8.9	U	8.9	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8270	87-68-3	Hexachlorobutadiene	440	U	440	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8270	77-47-4	Hexachlorocyclopentadiene	440	UJ	440	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8270	67-72-1	Hexachloroethane	440	U	440	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8270	193-39-5	Indeno(1,2,3-cd)pyrene	440	U	440	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	6010	7439-89-6	Iron	5000		0.05	mg/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8270	78-59-1	Isophorone	440	U	440	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	6010	7439-92-1	Lead	4.9		0.005	mg/kg
R1BD1S	Sediment		11/15/2002	Field Sample	6010	7439-95-4	Magnesium	1100		47	mg/kg
R1BD1S	Sediment		11/15/2002	Field Sample	6010	7439-96-5	Manganese	83		0.01	mg/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8151	94-74-6	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	2700	R	2700	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8151	93-65-2	MCPP	2700	R	2700	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	7471	7439-97-6	Mercury	0.024	U	0.024	mg/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8081	72-43-5	Methoxychlor	23	U	23	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8260	591-78-6	Methyl N-Butyl Ketone	14	U	14	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	680	C-MONOCHLORO	Monochlorobiphenyl	4.4	U	4.4	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8270	91-20-3	Naphthalene	440	U	440	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	6010	7440-02-0	Nickel	8.2		0.04	mg/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8270	98-95-3	Nitrobenzene	440	U	440	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8270	621-64-7	N-Nitroso-di-n-propylamine	440	U	440	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8270	86-30-6	N-Nitrosodiphenylamine	440	U	440	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	680	C-NONACHLORO	Nonachlorobiphenyl	23	U	23	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	680	C-OCTA-BIPHE	Octachlorobiphenyl	13	U	13	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8270	106-47-8	P-Chloroaniline	880	U	880	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	680	C-PENTBIPHEN	Pentachlorobiphenyl	8.9	U	8.9	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8151	87-86-5	Pentachlorophenol	23	R	23	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	9045	PH	pH	7		1	units
R1BD1S	Sediment		11/15/2002	Field Sample	8270	85-01-8	Phenanthrene	440	U	440	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8270	108-95-2	Phenol	440	U	440	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8270	100-01-6	P-Nitroaniline	2300	U	2300	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	6010	7440-09-7	Potassium	260		94	mg/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8270	129-00-0	Pyrene	440	U	440	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	6010	7782-49-2	Selenium	1.2	U	1.2	mg/kg
R1BD1S	Sediment		11/15/2002	Field Sample	6010	7440-22-4	Silver	1.2	UJ	1.2	mg/kg
R1BD1S	Sediment		11/15/2002	Field Sample	6010	7440-23-5	Sodium	49	J	100	mg/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8260	100-42-5	Styrene (Monomer)	2.8	U	2.8	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	680	C-TETRACHLOR	Tetrachlorobiphenyl	8.9	U	8.9	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8260	127-18-4	Tetrachloroethene	2.8	U	2.8	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	6010	7440-28-0	Thallium	1.2	U	1.2	mg/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8260	108-88-3	Toluene	2.8	U	2.8	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	9060	E-10195	Total Organic Carbon	500	U	500	mg/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8081	8001-35-2	Toxaphene	230	U	230	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8260	10061-02-6	trans-1,3-Dichloropropene	2.8	U	2.8	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	680	C-TRICHLOROB	Trichlorobiphenyl	4.4	U	4.4	ug/kg
R1BD1S	Sediment		11/15/2002	Field Sample	8260	79-01-6	Trichloroethylene	2.8	U	2.8	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	CAS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	62		[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5.6	U	5.6	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5.7	U	5.7	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	15	U	15	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.5	U	2.5	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.5	U	2.5	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.4	U	2.4	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.5	U	2.5	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.4	U	2.4	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
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[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.5	U	2.5	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.4	U	2.4	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.5	U	2.5	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.4	U	2.4	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.5	U	2.5	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.4	U	2.4	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	R	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	R	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	R	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	R	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5.2	J	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	R	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	R	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	R	[illegible]	[illegible]

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8270	120-83-2	2,4-Dichlorophenol	340	U	340	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8270	120-83-2	2,4-Dichlorophenol	340	U	340	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8270	105-67-9	2,4-Dimethylphenol	340	U	340	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8270	105-67-9	2,4-Dimethylphenol	340	U	340	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8270	51-28-5	2,4-Dinitrophenol	1800	UJ	1800	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8270	51-28-5	2,4-Dinitrophenol	1800	UJ	1800	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8270	121-14-2	2,4-Dinitrotoluene	340	U	340	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8270	121-14-2	2,4-Dinitrotoluene	340	U	340	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8270	606-20-2	2,6-Dinitrotoluene	340	U	340	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8270	606-20-2	2,6-Dinitrotoluene	340	U	340	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8260	78-93-3	2-Butanone (MEK)	12	U	12	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8260	78-93-3	2-Butanone (MEK)	13	U	13	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8270	91-58-7	2-Chloronaphthalene	340	U	340	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8270	91-58-7	2-Chloronaphthalene	340	U	340	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8270	95-57-8	2-Chlorophenol	340	U	340	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8270	95-57-8	2-Chlorophenol	340	U	340	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8270	91-57-6	2-Methylnaphthalene	340	U	340	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8270	91-57-6	2-Methylnaphthalene	340	U	340	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8270	95-48-7	2-Methylphenol (o-Cresol)	340	U	340	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8270	95-48-7	2-Methylphenol (o-Cresol)	340	U	340	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8270	88-74-4	2-Nitroaniline	1800	UJ	1800	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8270	88-74-4	2-Nitroaniline	1800	UJ	1800	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8270	88-75-5	2-Nitrophenol	340	U	340	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8270	88-75-5	2-Nitrophenol	340	U	340	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8270	91-94-1	3,3'-Dichlorobenzidine	690	U	690	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8270	91-94-1	3,3'-Dichlorobenzidine	690	U	690	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8270	106-44-5	3-Methylphenol/4-Methylphenol (m&p-Cresol)	340	U	340	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8270	106-44-5	3-Methylphenol/4-Methylphenol (m&p-Cresol)	340	U	340	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8270	99-09-2	3-Nitroaniline	1800	UJ	1800	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8270	99-09-2	3-Nitroaniline	1800	UJ	1800	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8081	72-54-8	4,4'-DDD	3.4	U	3.4	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8081	72-54-8	4,4'-DDD	3.4	U	3.4	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8081	72-55-9	4,4'-DDE	3.4	U	3.4	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8081	72-55-9	4,4'-DDE	3.4	U	3.4	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8081	50-29-3	4,4'-DDT	3.4	U	3.4	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8081	50-29-3	4,4'-DDT	3.4	U	3.4	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8270	534-52-1	4,6-Dinitro-2-methylphenol	1800	U	1800	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8270	534-52-1	4,6-Dinitro-2-methylphenol	1800	U	1800	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8270	101-55-3	4-Bromophenyl Phenyl Ether	340	U	340	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8270	101-55-3	4-Bromophenyl Phenyl Ether	340	U	340	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8270	59-50-7	4-Chloro-3-methylphenol	340	U	340	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8270	59-50-7	4-Chloro-3-methylphenol	340	U	340	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8270	7005-72-3	4-Chlorophenyl Phenyl Ether	340	U	340	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8270	7005-72-3	4-Chlorophenyl Phenyl Ether	340	U	340	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8260	108-10-1	4-Methyl-2-pentanone (MIBK)	12	U	12	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8260	108-10-1	4-Methyl-2-pentanone (MIBK)	13	U	13	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8270	100-02-7	4-Nitrophenol	1800	U	1800	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8270	100-02-7	4-Nitrophenol	1800	U	1800	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8270	83-32-9	Acenaphthene	340	U	340	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8270	83-32-9	Acenaphthene	340	U	340	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8270	208-96-8	Acenaphthylene	340	U	340	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8270	208-96-8	Acenaphthylene	340	U	340	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8260	67-64-1	Acetone	3.4	J	18	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8260	67-64-1	Acetone	8.1	J	18	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8081	309-00-2	Aldrin	1.8	U	1.8	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8081	309-00-2	Aldrin	1.8	U	1.8	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8081	319-84-6	alpha-BHC	1.8	U	1.8	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8081	319-84-6	alpha-BHC	1.8	U	1.8	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8081	5103-71-9	alpha-Chlordane	1.8	U	1.8	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8081	5103-71-9	alpha-Chlordane	1.8	U	1.8	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	6010	7429-90-5	Aluminum	940		0.02	mg/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	6010	7429-90-5	Aluminum	870		0.02	mg/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8270	120-12-7	Anthracene	340	U	340	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8270	120-12-7	Anthracene	340	U	340	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	6010	7440-36-0	Antimony	2.1	U	2.1	mg/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	6010	7440-36-0	Antimony	2.1	U	2.1	mg/kg
R1BM1S	Sediment		11/16/2002	Field Sample	6010	7440-38-2	Arsenic	1.5	J	0.01	mg/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	6010	7440-38-2	Arsenic	1.1	J	0.01	mg/kg
R1BM1S	Sediment		11/16/2002	Field Sample	6010	7440-39-3	Barium	16		0.94	mg/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	6010	7440-39-3	Barium	12		0.94	mg/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8260	71-43-2	Benzene	2.5	U	2.5	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8260	71-43-2	Benzene	2.4	U	2.4	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Saugat Area 2 Sites

Field Sample ID	Media	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Butyl Benzyl Phthalate	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Butyl Benzyl Phthalate	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chrysene	0.42	U	0.42	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Chrysene	0.42	U	0.42	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Beta-BHC	1.8	U	1.8	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Beta-BHC	1.8	U	1.8	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Bis(2-Chloroethyl)ether	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Bis(2-Chloroethyl)ether	340	U	340	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Bis(2-Chloroethyl)ether	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Bis(2-Chloroethyl)ether	340	U	340	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Bis(2-Ethylhexyl)phthalate	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Bis(2-Ethylhexyl)phthalate	340	U	340	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Bromodichloromethane	25	U	25	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Bromodichloromethane	24	U	24	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Bromoform	25	U	25	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Bromoform	24	U	24	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Bromomethane	5	UJ	5	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Bromomethane	4.9	UJ	4.9	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Cadmium	0.47	UJ	0.47	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Cadmium	0.47	UJ	0.47	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Calcium	1400		1.1	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Calcium	780		1.1	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Carbazole	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Carbazole	340	U	340	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Carbon Disulfide	25	U	25	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Carbon Disulfide	24	U	24	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Carbon Tetrachloride	25	U	25	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Carbon Tetrachloride	24	U	24	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Chloroform	25	U	25	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chloroform	24	U	24	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Chloromethane	25	U	25	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chloromethane	24	U	24	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Chromium	5	U	5	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chromium	4.9	U	4.9	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Cobalt	25	U	25	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Cobalt	24	U	24	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Copper	5	UJ	5	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Copper	4.9	UJ	4.9	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Cyanide	35		0.61	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Cyanide	33		0.61	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Dibenzofuran	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dibenzofuran	340	U	340	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	1,3-Dichlorobenzene	25	U	25	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,3-Dichlorobenzene	24	U	24	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dieldrin	2.5		0.61	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Dieldrin	2.3		0.61	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dioxin	1.1	J	0.61	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Dioxin	1.3	J	0.61	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dolomite	2000	R	2000	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Dolomite	2000	R	2000	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dimethylphenol	18	U	18	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Dimethylphenol	18	U	18	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	delta-BHC	1.8	U	1.8	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	delta-BHC	1.8	U	1.8	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Dibenzo(a,h)anthracene	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dibenzo(a,h)anthracene	340	U	340	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Dibenzofuran	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dibenzofuran	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dieldrin	21	R	21	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Dieldrin	21	R	21	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-DIOXIN	Dibenzodioxin	34	U	34	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	C-DIOXIN	Dibenzodioxin	34	U	34	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8260	75-09-2	Dichloromethane	2.5	U	2.5	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8260	75-09-2	Dichloromethane	2.4	U	2.4	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8151	120-36-5	Dichlorprop	21	J	100	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8151	120-36-5	Dichlorprop	19	J	100	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8081	60-57-1	Dieldrin	3.4	U	3.4	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8081	60-57-1	Dieldrin	3.4	U	3.4	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8270	84-66-2	Diethyl Phthalate	340	U	340	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8270	84-66-2	Diethyl Phthalate	340	U	340	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8270	131-11-3	Dimethyl Phthalate	340	U	340	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8270	131-11-3	Dimethyl Phthalate	340	U	340	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8270	84-74-2	Di-n-butylphthalate	340	U	340	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8270	84-74-2	Di-n-butylphthalate	340	U	340	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8270	117-84-0	Di-n-octylphthalate	340	U	340	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8270	117-84-0	Di-n-octylphthalate	340	U	340	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8270	88-85-7	Dinoseb	340	UJ	340	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8270	88-85-7	Dinoseb	340	UJ	340	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8081	959-98-8	Endosulfan I	1.8	U	1.8	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8081	959-98-8	Endosulfan I	1.8	U	1.8	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8081	33213-65-9	Endosulfan II	3.4	U	3.4	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8081	33213-65-9	Endosulfan II	3.4	U	3.4	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8081	1031-07-8	Endosulfan Sulfate	3.4	U	3.4	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8081	1031-07-8	Endosulfan Sulfate	3.4	U	3.4	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8081	72-20-8	Endrin	3.4	U	3.4	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8081	72-20-8	Endrin	3.4	U	3.4	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8081	7421-93-4	Endrin Aldehyde	3.4	U	3.4	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8081	7421-93-4	Endrin Aldehyde	3.4	U	3.4	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8081	53494-70-5	Endrin Ketone	3.4	U	3.4	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8081	53494-70-5	Endrin Ketone	3.4	U	3.4	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8260	100-41-4	Ethylbenzene	2.5	U	2.5	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8260	100-41-4	Ethylbenzene	2.4	U	2.4	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8270	206-44-0	Fluoranthene	340	U	340	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8270	206-44-0	Fluoranthene	340	U	340	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8270	86-73-7	Fluorene	340	U	340	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8270	86-73-7	Fluorene	340	U	340	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8081	58-89-9	gamma-BHC (Lindane)	1.8	U	1.8	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8081	58-89-9	gamma-BHC (Lindane)	1.8	U	1.8	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8081	5103-74-2	gamma-Chlordane	1.8	U	1.8	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8081	5103-74-2	gamma-Chlordane	1.8	U	1.8	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8081	76-44-8	Heptachlor	1.8	U	1.8	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8081	76-44-8	Heptachlor	1.8	U	1.8	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8081	1024-57-3	Heptachlor Epoxide	1.8	U	1.8	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8081	1024-57-3	Heptachlor Epoxide	1.8	U	1.8	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	680	C-HEPTACHLOR	Heptachlorobiphenyl	10	U	10	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	680	C-HEPTACHLOR	Heptachlorobiphenyl	10	U	10	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8270	118-74-1	Hexachlorobenzene	340	U	340	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8270	118-74-1	Hexachlorobenzene	340	U	340	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	680	C-HEXACHLORO	Hexachlorobiphenyl	7	U	7	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	680	C-HEXACHLORO	Hexachlorobiphenyl	7	U	7	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8270	87-68-3	Hexachlorobutadiene	340	U	340	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8270	87-68-3	Hexachlorobutadiene	340	U	340	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8270	77-47-4	Hexachlorocyclopentadiene	340	UJ	340	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8270	77-47-4	Hexachlorocyclopentadiene	340	UJ	340	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8270	67-72-1	Hexachloroethane	340	U	340	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8270	67-72-1	Hexachloroethane	340	U	340	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8270	193-39-5	Indeno(1,2,3-cd)pyrene	340	U	340	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8270	193-39-5	Indeno(1,2,3-cd)pyrene	340	U	340	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	6010	7439-89-6	Iron	3300		0.05	mg/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	6010	7439-89-6	Iron	3100		0.05	mg/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8270	78-59-1	Isophorone	340	U	340	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8270	78-59-1	Isophorone	340	U	340	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	6010	7439-92-1	Lead	1.7		0.005	mg/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	6010	7439-92-1	Lead	1.7		0.005	mg/kg
R1BM1S	Sediment		11/16/2002	Field Sample	6010	7439-95-4	Magnesium	700		47	mg/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	6010	7439-95-4	Magnesium	500		47	mg/kg
R1BM1S	Sediment		11/16/2002	Field Sample	6010	7439-96-5	Manganese	150		0.01	mg/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	6010	7439-96-5	Manganese	160		0.01	mg/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8151	94-74-6	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	2100	R	2100	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8151	94-74-6	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	2100	R	2100	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8151	93-65-2	MCPP	460	J	120	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8151	93-65-2	MCPP	2100	R	2100	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	7471	7439-97-6	Mercury	0.0035	J	0.017	mg/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	7471	7439-97-6	Mercury	0.017	U	0.017	mg/kg

Appendix II-8
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Date/Sampling ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	18	U	18	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	18	U	18	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	12	U	12	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	13	U	13	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-4CHXDDACRD	[illegible]	34	U	34	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	C-4CHXDDLORD	[illegible]	34	U	34	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	6		0.61	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	5		0.61	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-4CHXDDLORD	[illegible]	18	U	18	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	C-4CHXDDLORD	[illegible]	18	U	18	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	DCB	0.012	J	[illegible]	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	DCB	0.035	J	[illegible]	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	DCF	0.0035	U	0.0035	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	DCF	0.0043	U	0.0043	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-DCTH-BPHE	[illegible]	18	U	18	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	C-DCTH-BPHE	[illegible]	18	U	18	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	P-Chlorofilm	69	U	69	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	P-Chlorofilm	69	U	69	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-PERSPHER	[illegible]	7	U	7	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	C-PERSPHER	[illegible]	7	U	7	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	18	U	18	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	18	U	18	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	3.1		1	%
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	3.4		1	%
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	pH	7.3		1	units
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	pH	7.3		1	units
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	1000	U	1000	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	1000	U	1000	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	69	J	51	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	100		51	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Pyrene	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Pyrene	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	0.55	U	0.55	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	0.55	U	0.55	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Silver	0.55	UJ	0.55	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Silver	0.55	UJ	0.55	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Sulfur	35	J	100	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Sulfur	35	J	100	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	2.5	U	2.5	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.4	U	2.4	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-TERPCOLOR	[illegible]	7	U	7	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	C-TERPCOLOR	[illegible]	7	U	7	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	2.5	U	2.5	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.4	U	2.4	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Thallium	0.55	U	0.55	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Thallium	0.55	U	0.55	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Tolene	2.5	U	2.5	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Tolene	2.4	U	2.4	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Total PCB	0.0011	U	0.0011	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Total PCB	0.0027		0.0011	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Total PCF	0.0002	U	0.0002	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Total PCF	0.001	U	0.001	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Total PCB	0.0043	U	0.0043	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Total PCB	0.0035	U	0.0035	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Total PCF	0.0004	U	0.0004	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Total Organic Carbon	300	U	300	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Total Organic Carbon	300	U	300	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Total PCB	0.0007	U	0.0007	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Total PCB	0.0005	U	0.0005	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
R1BM1S	Sediment		11/16/2002	Field Sample	8290	30402-15-4	Total PeCDF	0.00087	U	0.00087	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8290	30402-15-4	Total PeCDF	0.00049	U	0.00049	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8290	41903-57-5	Total TCDD	0.00059	U	0.00059	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8290	41903-57-5	Total TCDD	0.00038	U	0.00038	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8290	55722-27-5	Total TCDF	0.00051	U	0.00051	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8290	55722-27-5	Total TCDF	0.00031	U	0.00031	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8081	8001-35-2	Toxaphene	180	U	180	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8081	8001-35-2	Toxaphene	180	U	180	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8260	10061-02-6	trans-1,3-Dichloropropene	2.5	U	2.5	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8260	10061-02-6	trans-1,3-Dichloropropene	2.4	U	2.4	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	680	C-TRICHLOROB	Trichlorobiphenyl	3.4	U	3.4	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	680	C-TRICHLOROB	Trichlorobiphenyl	3.4	U	3.4	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8260	79-01-6	Trichloroethylene	2.5	U	2.5	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8260	79-01-6	Trichloroethylene	2.4	U	2.4	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	6010	7440-62-2	Vanadium	3.6		0.01	mg/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	6010	7440-62-2	Vanadium	3.2		0.01	mg/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8260	75-01-4	Vinyl chloride	4.9	U	4.9	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8260	75-01-4	Vinyl chloride	5	U	5	ug/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	8260	1330-20-7	Xylenes, Total	5.8	U	5.8	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	8260	1330-20-7	Xylenes, Total	6.5	U	6.5	ug/kg
R1BM1S	Sediment		11/16/2002	Field Sample	6010	7440-66-6	Zinc	8.2	J	0.02	mg/kg
R1BM2S	Sediment	R1BM1S	11/16/2002	Field Duplicate	6010	7440-66-6	Zinc	7.2	J	0.02	mg/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8260	71-55-6	1,1,1-Trichloroethane	3.1	U	3.1	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8260	79-34-5	1,1,2,2-Tetrachloroethane	3.1	U	3.1	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8260	79-00-5	1,1,2-Trichloroethane	3.1	U	3.1	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8260	75-34-3	1,1-Dichloroethane	3.1	U	3.1	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8260	75-35-4	1,1-Dichloroethylene	3.1	U	3.1	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8270	120-82-1	1,2,4-Trichlorobenzene	340	U	340	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8270	95-50-1	1,2-Dichlorobenzene	340	U	340	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8260	107-06-2	1,2-Dichloroethane	3.1	U	3.1	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8260	540-59-0	1,2-Dichloroethene (total)	3.1	U	3.1	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8260	78-87-5	1,2-Dichloropropane	3.1	U	3.1	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8270	541-73-1	1,3-Dichlorobenzene	340	U	340	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8270	106-46-7	1,4-Dichlorobenzene	340	U	340	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8270	108-60-1	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	340	U	340	ug/kg
R1BU1S	Sediment		11/16/2002	Field Sample	8151	93-76-5	2,4,5-T	8.6	R	8.6	ug/kg
R1BU1S	Sediment		11/16/2002	Field Sample	8151	93-72-1	2,4,5-TP (Silvex)	8.6	R	8.6	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8270	95-95-4	2,4,5-Trichlorophenol	340	U	340	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8270	88-06-2	2,4,6-Trichlorophenol	340	U	340	ug/kg
R1BU1S	Sediment		11/16/2002	Field Sample	8151	94-75-7	2,4-D	8.6	R	8.6	ug/kg
R1BU1S	Sediment		11/16/2002	Field Sample	8151	94-82-6	2,4-DB	8.6	R	8.6	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8270	120-83-2	2,4-Dichlorophenol	340	U	340	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8270	105-67-9	2,4-Dimethylphenol	340	U	340	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8270	51-28-5	2,4-Dinitrophenol	1800	UJ	1800	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8270	121-14-2	2,4-Dinitrotoluene	340	U	340	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8270	606-20-2	2,6-Dinitrotoluene	340	U	340	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8260	78-93-3	2-Butanone (MEK)	15	U	15	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8270	91-58-7	2-Chloronaphthalene	340	U	340	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8270	95-57-8	2-Chlorophenol	340	U	340	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8270	91-57-6	2-Methylnaphthalene	340	U	340	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8270	95-48-7	2-Methylphenol (o-Cresol)	340	U	340	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8270	88-74-4	2-Nitroaniline	1800	UJ	1800	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8270	88-75-5	2-Nitrophenol	340	U	340	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8270	91-94-1	3,3'-Dichlorobenzidine	680	U	680	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8270	108-44-5	3-Methylphenol/4-Methylphenol (m&p-Cresol)	340	U	340	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8270	99-09-2	3-Nitroaniline	1800	UJ	1800	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8081	72-54-8	4,4'-DDD	3.4	U	3.4	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8081	72-55-9	4,4'-DDE	3.4	U	3.4	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8081	50-29-3	4,4'-DDT	3.4	U	3.4	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8270	534-52-1	4,6-Dinitro-2-methylphenol	1800	U	1800	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8270	101-55-3	4-Bromophenyl Phenyl Ether	340	U	340	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8270	59-50-7	4-Chloro-3-methylphenol	340	U	340	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8270	7005-72-3	4-Chlorophenyl Phenyl Ether	340	U	340	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8260	108-10-1	4-Methyl-2-pentanone (MIBK)	15	U	15	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8270	100-02-7	4-Nitrophenol	1800	U	1800	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8270	83-32-9	Acenaphthene	340	U	340	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8270	208-96-8	Acenaphthylene	340	U	340	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8260	67-64-1	Acetone	87	J	18	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8081	309-00-2	Aldrin	1.8	U	1.8	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8081	319-84-6	alpha-BHC	1.8	U	1.8	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8081	5103-71-9	alpha-Chlordane	1.8	U	1.8	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	6010	7429-90-5	Aluminum	670		0.02	mg/kg

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.1	U	2.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	1.4	J	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	11		[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	3.1	U	3.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	0.42	U	0.42	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	1.8	U	1.8	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	3.1	U	3.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	3.1	U	3.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	6.1	BU	6.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	0.52	BU	0.52	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	1100		1.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	3.1	U	3.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	3.1	U	3.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	3.1	U	3.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	6.1	U	6.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	3.1	U	3.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	6.1	BU	6.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.2		[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	3.1	U	3.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.3		[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	69	J	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	200	B	200	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	15	U	15	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	1.8	U	1.8	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	21	B	21	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-BCHLOROB	[illegible]	3.4	U	3.4	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	3.1	U	3.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	28	J	100	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	3.4	U	3.4	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	BU	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	1.8	U	1.8	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	3.4	U	3.4	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	3.4	U	3.4	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	3.4	U	3.4	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	3.4	U	3.4	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	3.4	U	3.4	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	3.1	U	3.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	1.8	U	1.8	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	1.8	U	1.8	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	1.8	U	1.8	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	1.8	U	1.8	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-HEPTACLOR	[illegible]	18	U	18	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-HEXACLORO	[illegible]	7	U	7	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	BU	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2000		0.65	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	U	340	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Lead	1.6		0.65	mg/kg

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
R1BU1S	Sediment		11/17/2002	Field Sample	6010	7439-95-4	Magnesium	680		47	mg/kg
R1BU1S	Sediment		11/17/2002	Field Sample	6010	7439-96-5	Manganese	110		0.01	mg/kg
R1BU1S	Sediment		11/16/2002	Field Sample	8151	94-74-6	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	2100	R	2100	ug/kg
R1BU1S	Sediment		11/16/2002	Field Sample	8151	93-65-2	MCPP	2100	R	2100	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	7471	7439-97-6	Mercury	0.019	U	0.019	mg/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8081	72-43-5	Methoxychlor	18	U	18	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8260	591-78-6	Methyl N-Butyl Ketone	15	U	15	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	680	C-MONOCHLORO	Monochlorobiphenyl	3.4	U	3.4	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8270	91-20-3	Naphthalene	340	U	340	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	6010	7440-02-0	Nickel	4.7		0.04	mg/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8270	98-95-3	Nitrobenzene	340	U	340	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8270	621-64-7	N-Nitroso-di-n-propylamine	340	U	340	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8270	86-30-6	N-Nitrosodiphenylamine	340	U	340	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	680	C-NONACHLORO	Nonachlorobiphenyl	18	U	18	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	680	C-OCTA-BIPHE	Octachlorobiphenyl	10	U	10	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8270	106-47-8	P-Chloroaniline	680	U	680	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	680	C-PENTBIPHEN	Pentachlorobiphenyl	7	U	7	ug/kg
R1BU1S	Sediment		11/16/2002	Field Sample	8151	87-86-5	Pentachlorophenol	18	R	18	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	9045	PH	pH	7.4		1	units
R1BU1S	Sediment		11/17/2002	Field Sample	8270	85-01-8	Phenanthrene	340	U	340	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8270	108-95-2	Phenol	340	U	340	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8270	100-01-6	P-Nitroaniline	1800	U	1800	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	6010	7440-09-7	Potassium	87	J	94	mg/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8270	129-00-0	Pyrene	340	U	340	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	6010	7782-49-2	Selenium	1	U	1	mg/kg
R1BU1S	Sediment		11/17/2002	Field Sample	6010	7440-22-4	Silver	1	UJ	1	mg/kg
R1BU1S	Sediment		11/17/2002	Field Sample	6010	7440-23-5	Sodium	22	J	100	mg/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8260	100-42-5	Styrene (Monomer)	3.1	U	3.1	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	680	C-TETRACHLOR	Tetrachlorobiphenyl	7	U	7	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8260	127-18-4	Tetrachloroethene	3.1	U	3.1	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	6010	7440-28-0	Thallium	1	U	1	mg/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8260	108-88-3	Toluene	3.1	U	3.1	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	9060	E-10195	Total Organic Carbon	500	U	500	mg/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8081	8001-35-2	Toxaphene	180	U	180	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8260	10061-02-6	trans-1,3-Dichloropropene	3.1	U	3.1	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	680	C-TRICHLOROB	Trichlorobiphenyl	3.4	U	3.4	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8260	79-01-6	Trichloroethylene	3.1	U	3.1	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	6010	7440-62-2	Vanadium	3.1		0.01	mg/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8260	75-01-4	Vinyl chloride	6.1	U	6.1	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	8260	1330-20-7	Xylenes, Total	3.2	J	11	ug/kg
R1BU1S	Sediment		11/17/2002	Field Sample	6010	7440-66-6	Zinc	6.7	J	0.02	mg/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8260	71-55-6	1,1,1-Trichloroethane	2.4	U	2.4	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8260	79-34-5	1,1,2,2-Tetrachloroethane	2.4	U	2.4	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8260	79-00-5	1,1,2-Trichloroethane	2.4	U	2.4	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8260	75-34-3	1,1-Dichloroethane	2.4	U	2.4	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8260	75-35-4	1,1-Dichloroethylene	2.4	U	2.4	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8270	120-82-1	1,2,4-Trichlorobenzene	350	U	350	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8270	95-50-1	1,2-Dichlorobenzene	350	U	350	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8260	107-06-2	1,2-Dichloroethane	2.4	U	2.4	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8260	540-59-0	1,2-Dichloroethene (total)	2.4	U	2.4	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8260	78-87-5	1,2-Dichloropropane	2.4	U	2.4	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8270	541-73-1	1,3-Dichlorobenzene	350	U	350	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8270	106-46-7	1,4-Dichlorobenzene	350	U	350	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8270	108-60-1	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	350	U	350	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8151	93-76-5	2,4,5-T	8.8	R	8.8	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8151	93-72-1	2,4,5-TP (Silvex)	8.8	R	8.8	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8270	95-95-4	2,4,5-Trichlorophenol	350	U	350	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8270	88-06-2	2,4,6-Trichlorophenol	350	U	350	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8151	94-75-7	2,4-D	8.8	R	8.8	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8151	94-82-6	2,4-DB	8.8	R	8.8	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8270	120-83-2	2,4-Dichlorophenol	350	U	350	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8270	105-67-9	2,4-Dimethylphenol	350	U	350	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8270	51-28-5	2,4-Dinitrophenol	1800	UJ	1800	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8270	121-14-2	2,4-Dinitrotoluene	350	U	350	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8270	606-20-2	2,6-Dinitrotoluene	350	U	350	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8260	78-93-3	2-Butanone (MEK)	12	U	12	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8270	91-58-7	2-Chloronaphthalene	350	U	350	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8270	95-57-8	2-Chlorophenol	350	U	350	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8270	91-57-6	2-Methylnaphthalene	350	U	350	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8270	95-48-7	2-Methylphenol (o-Cresol)	350	U	350	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8270	88-74-4	2-Nitroaniline	1800	UJ	1800	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8270	88-75-5	2-Nitrophenol	350	U	350	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Media	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	3.5	U	3.5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	3.5	U	3.5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	3.5	U	3.5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	12	U	12	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	0.3	J	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	1.8	U	1.8	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	1.8	U	1.8	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	1.8	U	1.8	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.1	U	2.1	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	1	J	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	14		[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.4	U	2.4	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	0.42	U	0.42	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	1.8	U	1.8	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.4	U	2.4	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.4	U	2.4	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	4.8	UJ	4.8	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	0.55	UJ	0.55	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]		1.1	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.4	U	2.4	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.4	U	2.4	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.4	U	2.4	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.4	U	2.4	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	4.8	U	4.8	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.4	U	2.4	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	4.8	UJ	4.8	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	3.3		[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.4	U	2.4	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.4		[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	J	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	R	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	1.8	U	1.8	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	21	R	21	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-BCHLORDB	[illegible]	3.5	U	3.5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.4	U	2.4	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	15	J	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	3.5	U	3.5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	UJ	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	1.8	U	1.8	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	3.5	U	3.5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	3.5	U	3.5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	3.5	U	3.5	[illegible]

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
R1CM1S	Sediment		11/16/2002	Field Sample	8081	7421-93-4	Endrin Aldehyde	3.5	U	3.5	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8081	53494-70-5	Endrin Ketone	3.5	U	3.5	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8260	100-41-4	Ethylbenzene	2.4	U	2.4	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8270	206-44-0	Fluoranthene	350	U	350	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8270	86-73-7	Fluorene	350	U	350	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8081	58-89-9	gamma-BHC (Lindane)	1.8	U	1.8	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8081	5103-74-2	gamma-Chlordane	1.8	U	1.8	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8081	76-44-8	Heptachlor	1.8	U	1.8	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8081	1024-57-3	Heptachlor Epoxide	1.8	U	1.8	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	680	C-HEPTACHLOR	Heptachlorobiphenyl	11	U	11	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8270	118-74-1	Hexachlorobenzene	350	U	350	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	680	C-HEXACHLORO	Hexachlorobiphenyl	7.1	U	7.1	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8270	87-68-3	Hexachlorobutadiene	350	U	350	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8270	77-47-4	Hexachlorocyclopentadiene	350	UJ	350	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8270	67-72-1	Hexachloroethane	350	U	350	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8270	193-39-5	Indeno(1,2,3-cd)pyrene	350	U	350	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	6010	7439-89-6	Iron	3300		0.05	mg/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8270	78-59-1	Isophorone	350	U	350	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	6010	7439-92-1	Lead	2.1		0.005	mg/kg
R1CM1S	Sediment		11/16/2002	Field Sample	6010	7439-95-4	Magnesium	710		47	mg/kg
R1CM1S	Sediment		11/16/2002	Field Sample	6010	7439-96-5	Manganese	95		0.01	mg/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8151	94-74-6	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	2100	R	2100	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8151	93-65-2	MCPP	2100	R	2100	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	7471	7439-97-6	Mercury	0.018	U	0.018	mg/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8081	72-43-5	Methoxychlor	18	U	18	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8260	591-78-6	Methyl N-Butyl Ketone	12	U	12	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	680	C-MONOCHLORO	Monochlorobiphenyl	3.5	U	3.5	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8270	91-20-3	Naphthalene	350	U	350	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	6010	7440-02-0	Nickel	5.2		0.04	mg/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8270	98-95-3	Nitrobenzene	350	U	350	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8270	621-64-7	N-Nitroso-di-n-propylamine	350	U	350	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8270	86-30-6	N-Nitrosodiphenylamine	350	U	350	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	680	C-NONACHLORO	Nonachlorobiphenyl	18	U	18	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	680	C-OCTA-BIPHE	Octachlorobiphenyl	11	U	11	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8270	106-47-8	P-Chloroaniline	700	U	700	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	680	C-PENTBIPHEN	Pentachlorobiphenyl	7.1	U	7.1	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8151	87-86-5	Pentachlorophenol	18	R	18	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	9045	PH	pH	7.3		1	units
R1CM1S	Sediment		11/16/2002	Field Sample	8270	85-01-8	Phenanthrene	350	U	350	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8270	108-95-2	Phenol	350	U	350	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8270	100-01-6	P-Nitroaniline	1800	U	1800	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	6010	7440-09-7	Potassium	130		94	mg/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8270	129-00-0	Pyrene	350	U	350	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	6010	7782-49-2	Selenium	1.1	U	1.1	mg/kg
R1CM1S	Sediment		11/16/2002	Field Sample	6010	7440-22-4	Silver	1.1	UJ	1.1	mg/kg
R1CM1S	Sediment		11/16/2002	Field Sample	6010	7440-23-5	Sodium	33	J	100	mg/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8260	100-42-5	Styrene (Monomer)	2.4	U	2.4	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	680	C-TETRACHLOR	Tetrachlorobiphenyl	7.1	U	7.1	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8260	127-18-4	Tetrachloroethene	2.4	U	2.4	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	6010	7440-28-0	Thallium	1.1	U	1.1	mg/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8260	108-88-3	Toluene	2.4	U	2.4	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	9060	E-10195	Total Organic Carbon	500	U	500	mg/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8081	8001-35-2	Toxaphene	180	U	180	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8260	10061-02-6	trans-1,3-Dichloropropene	2.4	U	2.4	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	680	C-TRICHLOROB	Trichlorobiphenyl	3.5	U	3.5	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8260	79-01-6	Trichloroethylene	2.4	U	2.4	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	6010	7440-62-2	Vanadium	3.3		0.01	mg/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8260	75-01-4	Vinyl chloride	4.8	U	4.8	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	8260	1330-20-7	Xylenes, Total	4.8	U	4.8	ug/kg
R1CM1S	Sediment		11/16/2002	Field Sample	6010	7440-66-6	Zinc	7.6	J	0.02	mg/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8260	71-55-6	1,1,1-Trichloroethane	3	U	3	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8260	79-34-5	1,1,2,2-Tetrachloroethane	3	U	3	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8260	79-00-5	1,1,2-Trichloroethane	3	U	3	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8260	75-34-3	1,1-Dichloroethane	3	U	3	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8260	75-35-4	1,1-Dichloroethylene	3	U	3	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8270	120-82-1	1,2,4-Trichlorobenzene	480	R	480	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8270	95-50-1	1,2-Dichlorobenzene	480	R	480	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8260	107-06-2	1,2-Dichloroethane	3	U	3	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8260	540-59-0	1,2-Dichloroethene (total)	6	U	6	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8260	78-87-5	1,2-Dichloropropane	3	U	3	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8270	541-73-1	1,3-Dichlorobenzene	480	R	480	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8270	106-46-7	1,4-Dichlorobenzene	480	R	480	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Media	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-Dichlorophenol (and 2-chlorophenol isomer)	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4,5-T	12	U	12	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4,5-TP (Silvex)	12	U	12	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4,5-Trichlorophenol	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4,6-Trichlorophenol	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-D	12	UJ	12	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-DB	12	U	12	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-Dichlorophenol	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-Dimethylphenol	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-Dinitrophenol	2000	U	2000	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-Dinitrotoluene	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,6-Dinitrotoluene	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Butanone (MEK)	5	J	5.5	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Chloronaphthalene	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Chlorophenol	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Methylnaphthalene	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Methylphenol (o-Cresol)	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Nitroaniline	2000	U	2000	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Nitrophenol	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	3,3'-Dichlorobenzidine	100	U	100	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	3-Methylphenol/4-Methylphenol (m&p-Cresol)	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	3-Nitroaniline	2000	U	2000	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,4'-DDD	4.8	U	4.8	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,4'-DDE	4.8	U	4.8	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,4'-DDT	4.8	U	4.8	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,6-Dinitro-2-methylphenol	2000	U	2000	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Bromophenyl Phenyl Ether	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Chloro-3-methylphenol	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Chlorophenyl Phenyl Ether	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Methyl-2-pentanone (MIBK)	15	U	15	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Nitrophenol	2000	U	2000	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Acenaphthene	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Acenaphthylene	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Acetone	40	J	18	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Aldrin	2.5	U	2.5	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	alpha-BHC	2.5	U	2.5	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	alpha-Chlordane	2.5	U	2.5	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Aluminum	[illegible]	J	642	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Antimony	49	R	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Arsenic	2.9	U	2.9	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Arsenic	7.5		0.61	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Barium	120		0.61	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzene	3	U	3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo[a]anthracene	49	R	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo[a]pyrene	49	R	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo[b]fluoranthene	49	R	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo[g,h,i]perylene	49	R	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo[k]fluoranthene	49	R	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzyl Butyl Phthalate	49	R	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Beryllium	0.54		0.024	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	beta-BHC	2.5	U	2.5	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	bis(2-Chloroethoxy)methane	49	R	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	bis(2-Chloroethyl)ether	49	R	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	bis(2-Ethylhexyl)phthalate	49	R	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Bromobenzene	3	U	3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Bromodichloromethane	3	U	3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Bromoform	6	U	6	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Cadmium	0.65	UJ	0.65	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Calcium	[illegible]	J	1.3	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Carbazole	49	R	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Carbon Disulfide	3	U	3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Carbon Tetrachloride	3	U	3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chlorobenzene	3	U	3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chlorodibromomethane	3	U	3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chloroform	6	U	6	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chloromethane	3	U	3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chloromethane	6	UJ	6	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chromium	11		0.61	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chrysene	49	R	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	cis-1,3-Dichloropropene	3	U	3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Cobalt	5.3		0.61	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Copper	14		0.61	mg/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
R2AD1S	Sediment		11/13/2002	Field Sample	8151	75-99-0	Dalapon	2900	R	2900	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	680	2051-24-3	Decachlorobiphenyl	25	U	25	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8081	319-86-8	delta-BHC	2.5	U	2.5	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8270	53-70-3	Dibenzo(a,h)anthracene	480	R	480	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8270	132-64-9	Dibenzofuran	480	R	480	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8151	1918-00-9	Dicamba	29	U	29	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	680	C-DICHLOROBI	Dichlorobiphenyl	4.8	U	4.8	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8260	75-09-2	Dichloromethane	3	U	3	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8151	120-36-5	Dichlorprop	140	U	140	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8081	60-57-1	Dieldrin	4.8	U	4.8	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8270	84-66-2	Diethyl Phthalate	480	R	480	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8270	131-11-3	Dimethyl Phthalate	480	R	480	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8270	84-74-2	Di-n-butylphthalate	480	R	480	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8270	117-84-0	Di-n-octylphthalate	480	R	480	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8270	88-85-7	Dinoseb	480	R	480	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8081	959-98-8	Endosulfan I	2.5	U	2.5	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8081	33213-65-9	Endosulfan II	4.8	U	4.8	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8081	1031-07-8	Endosulfan Sulfate	4.8	U	4.8	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8081	72-20-8	Endrin	4.8	U	4.8	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8081	7421-93-4	Endrin Aldehyde	4.8	U	4.8	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8081	53494-70-5	Endrin Ketone	4.8	U	4.8	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8260	100-41-4	Ethylbenzene	3	U	3	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8270	206-44-0	Fluoranthene	480	R	480	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8270	86-73-7	Fluorene	480	R	480	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8081	58-89-9	gamma-BHC (Lindane)	2.5	U	2.5	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8081	5103-74-2	gamma-Chlordane	2.5	U	2.5	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8081	76-44-8	Heptachlor	2.5	U	2.5	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8081	1024-57-3	Heptachlor Epoxide	2.5	U	2.5	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	680	C-HEPTACHLOR	Heptachlorobiphenyl	14	U	14	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8270	118-74-1	Hexachlorobenzene	480	R	480	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	680	C-HEXACHLORO	Hexachlorobiphenyl	9.7	U	9.7	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8270	87-68-3	Hexachlorobutadiene	480	R	480	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8270	77-47-4	Hexachlorocyclopentadiene	480	R	480	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8270	67-72-1	Hexachloroethane	480	R	480	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8270	193-39-5	Indeno(1,2,3-cd)pyrene	480	R	480	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	6010	7439-89-6	Iron	12000		0.05	mg/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8270	78-59-1	Isophorone	480	R	480	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	6010	7439-92-1	Lead	11	J	0.005	mg/kg
R2AD1S	Sediment		11/13/2002	Field Sample	6010	7439-95-4	Magnesium	5100		47	mg/kg
R2AD1S	Sediment		11/13/2002	Field Sample	6010	7439-96-5	Manganese	310		0.01	mg/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8151	94-74-6	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	2900	U	2900	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8151	93-65-2	MCPP	2900	U	2900	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	7471	7439-97-6	Mercury	0.024	J	0.017	mg/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8081	72-43-5	Methoxychlor	25	U	25	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8260	591-78-6	Methyl N-Butyl Ketone	15	U	15	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	680	C-MONOCHLORO	Monochlorobiphenyl	4.8	U	4.8	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8270	91-20-3	Naphthalene	480	R	480	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	6010	7440-02-0	Nickel	16		0.04	mg/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8270	98-95-3	Nitrobenzene	480	R	480	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8270	621-64-7	N-Nitroso-di-n-propylamine	480	R	480	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8270	86-30-6	N-Nitrosodiphenylamine	480	R	480	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	680	C-NONACHLORO	Nonachlorobiphenyl	25	U	25	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	680	C-OCTA-BIPHE	Octachlorobiphenyl	14	U	14	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8270	106-47-8	P-Chloroaniline	980	R	980	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	680	C-PENTBIPHEN	Pentachlorobiphenyl	9.7	U	9.7	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8151	87-86-5	Pentachlorophenol	25	U	25	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	9045	PH	pH	7.5		1	units
R2AD1S	Sediment		11/13/2002	Field Sample	8270	85-01-8	Phenanthrene	480	R	480	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8270	108-95-2	Phenol	480	U	480	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8270	100-01-6	P-Nitroaniline	2500	U	2500	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	6010	7440-09-7	Potassium	1300		94	mg/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8270	129-00-0	Pyrene	480	R	480	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	6010	7782-49-2	Selenium	1.3	U	1.3	mg/kg
R2AD1S	Sediment		11/13/2002	Field Sample	6010	7440-22-4	Silver	1.3	UJ	1.3	mg/kg
R2AD1S	Sediment		11/13/2002	Field Sample	6010	7440-23-5	Sodium	130		100	mg/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8260	100-42-5	Styrene (Monomer)	3	U	3	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	680	C-TETRACHLOR	Tetrachlorobiphenyl	9.7	U	9.7	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8260	127-18-4	Tetrachloroethene	3	U	3	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	6010	7440-28-0	Thallium	1.3	U	1.3	mg/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8260	108-88-3	Toluene	3	U	3	ug/kg
R2AD1S	Sediment		11/13/2002	Field Sample	9060	E-10195	Total Organic Carbon	19000		800	mg/kg
R2AD1S	Sediment		11/13/2002	Field Sample	8081	8001-35-2	Toxaphene	250	U	250	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	3	U	3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	CHROMIUM	[illegible]	45	U	45	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	3	U	3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	20		600	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	6	U	6	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible], Total	3	J	11	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	4		600	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,1,1-[illegible]	23	U	23	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	1,1,2-[illegible]	35	U	35	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,1,2,2-[illegible]	23	U	23	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	1,1,2,2-[illegible]	35	U	35	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	1,1,2-[illegible]	35	U	35	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,1,3-[illegible]	23	U	23	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	1,1-[illegible]	35	U	35	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,1-[illegible]	23	U	23	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,1-[illegible]	23	U	23	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	1,1-[illegible]	35	U	35	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,2,4-[illegible]	49	U	49	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	1,2,4-[illegible]	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,2-[illegible]	49	U	49	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	1,2-[illegible]	49	U	49	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	1,3-[illegible]	35	U	35	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,3-[illegible]	23	U	23	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,3-[illegible] [illegible]	55	U	55	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	1,3-[illegible] [illegible]	7	U	7	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,3-[illegible]	23	U	23	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	1,3-[illegible]	35	U	35	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	1,3-[illegible]	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,3-[illegible]	49	U	49	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	1,4-[illegible]	49	U	49	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	1,4-[illegible]	49	U	49	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	2,2'-[illegible] [illegible]	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,2'-[illegible] [illegible]	49	U	49	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	2,4,5-T	12	U	12	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4,5-T	12	U	12	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	2,4,5-TP (Silvex)	12	U	12	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4,5-TP (Silvex)	12	U	12	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4,5-[illegible]	49	U	49	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	2,4,5-[illegible]	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4,6-[illegible]	49	U	49	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	2,4,6-[illegible]	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-D	12	UJ	12	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	2,4-D	12	UJ	12	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	2,4-DB	12	U	12	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-DB	12	U	12	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-[illegible]	49	U	49	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	2,4-[illegible]	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-[illegible]	49	U	49	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	2,4-[illegible]	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-[illegible]	240	U	240	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	2,4-[illegible]	240	U	240	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	2,4-[illegible]	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-[illegible]	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,6-[illegible]	49	U	49	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	2,6-[illegible]	49	U	49	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	3-[illegible] (MEK)	15	U	15	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	3-[illegible] (MEK)	14	U	14	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	3-[illegible]	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	3-[illegible]	49	U	49	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	3-[illegible]	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	3-[illegible]	49	U	49	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	3-[illegible]	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	3-[illegible] (p-Cresol)	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	3-[illegible] (p-Cresol)	49	U	49	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	3-[illegible]	240	U	240	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	3-[illegible]	240	U	240	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	3-[illegible]	49	U	49	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	3-[illegible]	49	U	49	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	3,5-[illegible]	190	U	190	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	3,5-[illegible]	190	U	190	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
R2AM1S	Sediment		11/14/2002	Field Sample	8270	106-44-5	3-Methylphenol/4-Methylphenol (m&p-Cresol)	460	U	460	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8270	106-44-5	3-Methylphenol/4-Methylphenol (m&p-Cresol)	470	U	470	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8270	99-09-2	3-Nitroaniline	2400	U	2400	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8270	99-09-2	3-Nitroaniline	2400	U	2400	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8081	72-54-8	4,4'-DDD	4.7	U	4.7	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8081	72-54-8	4,4'-DDD	4.6	UJ	4.6	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8081	72-55-9	4,4'-DDE	0.55	R	0.1	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8081	72-55-9	4,4'-DDE	4.6	UJ	4.6	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8081	50-29-3	4,4'-DDT	4.6	UJ	4.6	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8081	50-29-3	4,4'-DDT	4.7	UJ	4.7	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8270	534-52-1	4,6-Dinitro-2-methylphenol	2400	U	2400	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8270	534-52-1	4,6-Dinitro-2-methylphenol	2400	U	2400	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8270	101-55-3	4-Bromophenyl Phenyl Ether	460	U	460	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8270	101-55-3	4-Bromophenyl Phenyl Ether	470	U	470	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8270	59-50-7	4-Chloro-3-methylphenol	460	U	460	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8270	59-50-7	4-Chloro-3-methylphenol	470	U	470	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8270	7005-72-3	4-Chlorophenyl Phenyl Ether	460	U	460	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8270	7005-72-3	4-Chlorophenyl Phenyl Ether	470	U	470	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8260	108-10-1	4-Methyl-2-pentanone (MIBK)	14	U	14	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8260	108-10-1	4-Methyl-2-pentanone (MIBK)	18	U	18	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8270	100-02-7	4-Nitrophenol	2400	U	2400	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8270	100-02-7	4-Nitrophenol	2400	U	2400	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8270	83-32-9	Acenaphthene	470	U	470	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8270	83-32-9	Acenaphthene	460	U	460	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8270	208-96-8	Acenaphthylene	470	U	470	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8270	208-96-8	Acenaphthylene	460	U	460	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8260	67-64-1	Acetone	3.5	J	18	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8260	67-64-1	Acetone	6.4	J	18	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8081	309-00-2	Aldrin	2.4	U	2.4	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8081	309-00-2	Aldrin	2.4	UJ	2.4	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8081	319-84-6	alpha-BHC	2.4	U	2.4	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8081	319-84-6	alpha-BHC	2.4	UJ	2.4	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8081	5103-71-9	alpha-Chlordane	2.4	U	2.4	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8081	5103-71-9	alpha-Chlordane	2.4	UJ	2.4	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	6010	7429-90-5	Aluminum	3800	J	0.02	mg/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	6010	7429-90-5	Aluminum	4200	J	0.02	mg/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8270	120-12-7	Anthracene	470	U	470	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8270	120-12-7	Anthracene	460	U	460	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	6010	7440-36-0	Antimony	2.8	U	2.8	mg/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	6010	7440-36-0	Antimony	2.86	U	2.86	mg/kg
R2AM1S	Sediment		11/14/2002	Field Sample	6010	7440-38-2	Arsenic	4.1		0.01	mg/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	6010	7440-38-2	Arsenic	4.6		0.01	mg/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	6010	7440-39-3	Barium	130		0.94	mg/kg
R2AM1S	Sediment		11/14/2002	Field Sample	6010	7440-39-3	Barium	130		0.94	mg/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8260	71-43-2	Benzene	3.5	U	3.5	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8260	71-43-2	Benzene	2.8	U	2.8	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8270	56-55-3	Benzo(a)anthracene	460	U	460	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8270	56-55-3	Benzo(a)anthracene	470	U	470	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8270	50-32-8	Benzo(a)pyrene	34	J	10	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8270	50-32-8	Benzo(a)pyrene	470	U	470	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8270	205-99-2	Benzo(b)fluoranthene	460	U	460	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8270	205-99-2	Benzo(b)fluoranthene	470	U	470	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8270	191-24-2	Benzo(g,h,i)perylene	460	U	460	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8270	191-24-2	Benzo(g,h,i)perylene	470	U	470	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8270	207-08-9	Benzo(k)fluoranthene	35	J	10	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8270	207-08-9	Benzo(k)fluoranthene	460	U	460	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8270	85-68-7	Benzyl Butyl Phthalate	460	U	460	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8270	85-68-7	Benzyl Butyl Phthalate	470	U	470	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	6010	7440-41-7	Beryllium	0.57	U	0.57	mg/kg
R2AM1S	Sediment		11/14/2002	Field Sample	6010	7440-41-7	Beryllium	0.56	U	0.56	mg/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8081	319-85-7	beta-BHC	2.4	U	2.4	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8081	319-85-7	beta-BHC	2.4	UJ	2.4	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8270	111-91-1	bis(2-Chloroethoxy)methane	460	U	460	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8270	111-91-1	bis(2-Chloroethoxy)methane	470	U	470	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8270	111-44-4	bis(2-Chloroethyl)ether	470	U	470	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8270	111-44-4	bis(2-Chloroethyl)ether	460	U	460	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8270	117-81-7	bis(2-Ethylhexyl)phthalate	83	J	10	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8270	117-81-7	bis(2-Ethylhexyl)phthalate	58	J	10	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8260	75-27-4	Bromodichloromethane	2.8	U	2.8	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8260	75-27-4	Bromodichloromethane	3.5	U	3.5	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8260	75-25-2	Bromoform	2.8	U	2.8	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8260	75-25-2	Bromoform	3.5	U	3.5	ug/kg

Appendix II-B

Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	CAS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	J	1.1	[illegible]
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Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8081	53494-70-5	Endrin Ketone	4.7	U	4.7	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8081	53494-70-5	Endrin Ketone	4.6	UJ	4.6	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8260	100-41-4	Ethylbenzene	1.5	J	0.83	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8260	100-41-4	Ethylbenzene	2.8	U	2.8	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8270	206-44-0	Fluoranthene	35	J	10	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8270	206-44-0	Fluoranthene	470	U	470	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8270	86-73-7	Fluorene	470	U	470	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8270	86-73-7	Fluorene	460	U	460	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8081	58-89-9	gamma-BHC (Lindane)	2.4	U	2.4	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8081	58-89-9	gamma-BHC (Lindane)	2.4	UJ	2.4	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8081	5103-74-2	gamma-Chlordane	2.4	U	2.4	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8081	5103-74-2	gamma-Chlordane	2.4	UJ	2.4	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8081	76-44-8	Heptachlor	2.4	U	2.4	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8081	76-44-8	Heptachlor	2.4	UJ	2.4	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8081	1024-57-3	Heptachlor Epoxide	2.4	U	2.4	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8081	1024-57-3	Heptachlor Epoxide	2.4	UJ	2.4	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	680	C-HEPTACHLOR	Heptachlorobiphenyl	14	U	14	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	680	C-HEPTACHLOR	Heptachlorobiphenyl	14	U	14	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8270	118-74-1	Hexachlorobenzene	470	U	470	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8270	118-74-1	Hexachlorobenzene	460	U	460	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	680	C-HEXACHLORO	Hexachlorobiphenyl	9.4	U	9.4	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	680	C-HEXACHLORO	Hexachlorobiphenyl	9.6	U	9.6	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8270	87-68-3	Hexachlorobutadiene	460	U	460	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8270	87-68-3	Hexachlorobutadiene	470	U	470	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8270	77-47-4	Hexachlorocyclopentadiene	470	U	470	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8270	77-47-4	Hexachlorocyclopentadiene	460	U	460	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8270	67-72-1	Hexachloroethane	470	U	470	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8270	67-72-1	Hexachloroethane	460	U	460	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8270	193-39-5	Indeno(1,2,3-cd)pyrene	460	U	460	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8270	193-39-5	Indeno(1,2,3-cd)pyrene	470	U	470	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	6010	7439-89-6	Iron	10000		0.05	mg/kg
R2AM1S	Sediment		11/14/2002	Field Sample	6010	7439-89-6	Iron	9800		0.05	mg/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8270	78-59-1	Isophorone	470	U	470	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8270	78-59-1	Isophorone	460	U	460	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	6010	7439-92-1	Lead	10	J	0.005	mg/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	6010	7439-92-1	Lead	11	J	0.005	mg/kg
R2AM1S	Sediment		11/14/2002	Field Sample	6010	7439-95-4	Magnesium	3100		47	mg/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	6010	7439-95-4	Magnesium	3300		47	mg/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	6010	7439-96-5	Manganese	420		0.01	mg/kg
R2AM1S	Sediment		11/14/2002	Field Sample	6010	7439-96-5	Manganese	400		0.01	mg/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8151	94-74-6	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	2800	U	2800	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8151	94-74-6	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	2800	U	2800	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8151	93-65-2	MCPP	2800	U	2800	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8151	93-65-2	MCPP	2800	U	2800	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	7471	7439-97-6	Mercury	0.022	J	0.017	mg/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	7471	7439-97-6	Mercury	0.026	J	0.017	mg/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8081	72-43-5	Methoxychlor	24	UJ	24	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8081	72-43-5	Methoxychlor	24	UJ	24	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8260	591-78-6	Methyl N-Butyl Ketone	18	U	18	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8260	591-78-6	Methyl N-Butyl Ketone	14	U	14	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	680	C-MONOCHLORO	Monochlorobiphenyl	4.7	U	4.7	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	680	C-MONOCHLORO	Monochlorobiphenyl	4.6	U	4.6	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8270	91-20-3	Naphthalene	460	U	460	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8270	91-20-3	Naphthalene	470	U	470	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	6010	7440-02-0	Nickel	11		0.04	mg/kg
R2AM1S	Sediment		11/14/2002	Field Sample	6010	7440-02-0	Nickel	11		0.04	mg/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8270	98-95-3	Nitrobenzene	460	U	460	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8270	98-95-3	Nitrobenzene	470	U	470	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8270	621-64-7	N-Nitroso-di-n-propylamine	460	U	460	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8270	621-64-7	N-Nitroso-di-n-propylamine	470	U	470	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8270	86-30-6	N-Nitrosodiphenylamine	460	U	460	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8270	86-30-6	N-Nitrosodiphenylamine	470	U	470	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	680	C-NONACHLORO	Nonachlorobiphenyl	24	U	24	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	680	C-NONACHLORO	Nonachlorobiphenyl	24	U	24	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	680	C-OCTA-BIPHE	Octachlorobiphenyl	14	U	14	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	680	C-OCTA-BIPHE	Octachlorobiphenyl	14	U	14	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8270	106-47-8	P-Chloroaniline	930	U	930	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8270	106-47-8	P-Chloroaniline	940	U	940	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	680	C-PENTBIPHEN	Pentachlorobiphenyl	9.6	U	9.6	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	680	C-PENTBIPHEN	Pentachlorobiphenyl	9.4	U	9.4	ug/kg
R2AM1S	Sediment		11/14/2002	Field Sample	8151	87-86-5	Pentachlorophenol	24	U	24	ug/kg
R2AM2S	Sediment	R2AM1S	11/14/2002	Field Duplicate	8151	87-86-5	Pentachlorophenol	24	U	24	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	7		1	[illegible]
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	73		1	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	25	J	10	[illegible]
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	49	U	49	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	49	U	49	[illegible]
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	49	U	49	[illegible]
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	200	U	200	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	200	U	200	[illegible]
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	710		51	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	69		51	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	49	U	49	[illegible]
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	49	U	49	[illegible]
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	1.4	U	1.4	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	1.3	U	1.3	[illegible]
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	1.4	UJ	1.4	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	1.3	UJ	1.3	[illegible]
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	18		18	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	16		18	[illegible]
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	3.5	U	3.5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.8	U	2.8	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-TRICHLOR	[illegible]	9.4	U	9.4	[illegible]
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	C-TRICHLOR	[illegible]	9.6	U	9.6	[illegible]
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	3.5	U	3.5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.8	U	2.8	[illegible]
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	1.4	U	1.4	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	1.3	U	1.3	[illegible]
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	1.5	J	1	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.8	U	2.8	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Total Organic Carbon	14000		200	[illegible]
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Total Organic Carbon	11000		200	[illegible]
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	20	U	20	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	20	UJ	20	[illegible]
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	3.5	U	3.5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.8	U	2.8	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-TRICHLOR	[illegible]	4.6	U	4.6	[illegible]
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	C-TRICHLOR	[illegible]	4.7	U	4.7	[illegible]
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	3.5	U	3.5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.8	U	2.8	[illegible]
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	14		0.68	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	13		0.68	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	5.5	U	5.5	[illegible]
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	7	U	7	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	3.4	J	11	[illegible]
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	8.5		11	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Zinc	4		0.02	[illegible]
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Zinc	4		0.02	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	25	U	25	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	25	U	25	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	25	U	25	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	25	U	25	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	25	U	25	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	49	U	49	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	49	U	49	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	25	U	25	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	51	U	51	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	25	U	25	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	49	U	49	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	49	U	49	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	49	U	49	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4,5-T	11	U	11	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4,5-TP (Silvex)	11	U	11	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	49	U	49	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	49	U	49	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-D	11	UJ	11	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-DB	11	U	11	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	49	U	49	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	49	U	49	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	200	U	200	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	49	U	49	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	49	U	49	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	3-Nitrobenzene (NB)	13	U	13	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	3-Nitrophenol	49	U	49	[illegible]

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
R2AU1S	Sediment		11/14/2002	Field Sample	8270	95-57-8	2-Chlorophenol	420	U	420	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8270	91-57-6	2-Methylnaphthalene	420	U	420	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8270	95-48-7	2-Methylphenol (o-Cresol)	420	U	420	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8270	88-74-4	2-Nitroaniline	2200	U	2200	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8270	88-75-5	2-Nitrophenol	420	U	420	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8270	91-94-1	3,3'-Dichlorobenzidine	850	U	850	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8270	108-44-5	3-Methylphenol/4-Methylphenol (m&p-Cresol)	420	U	420	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8270	99-09-2	3-Nitroaniline	2200	U	2200	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8081	72-54-8	4,4'-DDD	4.2	UJ	4.2	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8081	72-55-9	4,4'-DDE	4.2	UJ	4.2	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8081	50-29-3	4,4'-DDT	4.2	UJ	4.2	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8270	534-52-1	4,6-Dinitro-2-methylphenol	2200	U	2200	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8270	101-55-3	4-Bromophenyl Phenyl Ether	420	U	420	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8270	59-50-7	4-Chloro-3-methylphenol	420	U	420	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8270	7005-72-3	4-Chlorophenyl Phenyl Ether	420	U	420	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8260	108-10-1	4-Methyl-2-pentanone (MIBK)	13	U	13	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8270	100-02-7	4-Nitrophenol	2200	U	2200	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8270	83-32-9	Acenaphthene	420	U	420	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8270	208-96-8	Acenaphthylene	420	U	420	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8260	67-64-1	Acetone	4.4	J	18	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8081	309-00-2	Aldrin	2.2	UJ	2.2	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8081	319-84-6	alpha-BHC	2.2	UJ	2.2	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8081	5103-71-9	alpha-Chlordane	2.2	UJ	2.2	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	6010	7429-90-5	Aluminum	1200	J	0.02	mg/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8270	120-12-7	Anthracene	420	U	420	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	6010	7440-36-0	Antimony	2.6	U	2.6	mg/kg
R2AU1S	Sediment		11/14/2002	Field Sample	6010	7440-38-2	Arsenic	2.1		0.01	mg/kg
R2AU1S	Sediment		11/14/2002	Field Sample	6010	7440-39-3	Barium	35		0.94	mg/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8260	71-43-2	Benzene	2.5	U	2.5	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8270	56-55-3	Benzo(a)anthracene	420	U	420	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8270	50-32-8	Benzo(a)pyrene	420	U	420	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8270	205-99-2	Benzo(b)fluoranthene	420	U	420	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8270	191-24-2	Benzo(g,h,i)perylene	420	U	420	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8270	207-08-9	Benzo(k)fluoranthene	420	U	420	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8270	85-68-7	Benzyl Butyl Phthalate	420	U	420	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	6010	7440-41-7	Beryllium	0.51	U	0.51	mg/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8081	319-85-7	beta-BHC	2.2	UJ	2.2	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8270	111-91-1	bis(2-Chloroethoxy)methane	420	U	420	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8270	111-44-4	bis(2-Chloroethyl)ether	420	U	420	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8270	117-81-7	bis(2-Ethylhexyl)phthalate	420	U	420	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8260	75-27-4	Bromodichloromethane	2.5	U	2.5	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8260	75-25-2	Bromoform	2.5	U	2.5	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8260	74-83-9	Bromomethane	5.1	U	5.1	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	6010	7440-43-9	Cadmium	0.58	UJ	0.58	mg/kg
R2AU1S	Sediment		11/14/2002	Field Sample	6010	7440-70-2	Calcium	2400	J	1.1	mg/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8270	86-74-8	Carbazole	420	U	420	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8260	75-15-0	Carbon Disulfide	2.5	U	2.5	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8260	56-23-5	Carbon Tetrachloride	2.5	U	2.5	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8260	108-90-7	Chlorobenzene	2.5	U	2.5	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8260	124-48-1	Chlorodibromomethane	2.5	U	2.5	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8260	75-00-3	Chloroethane	5.1	U	5.1	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8260	67-66-3	Chloroform	2.5	U	2.5	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8260	74-87-3	Chloromethane	5.1	UJ	5.1	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	6010	7440-47-3	Chromium	2.8		0.01	mg/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8270	218-01-9	Chrysene	420	U	420	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8260	10061-01-5	cis-1,3-Dichloropropene	2.5	U	2.5	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	6010	7440-48-4	Cobalt	2.4		0.01	mg/kg
R2AU1S	Sediment		11/14/2002	Field Sample	6010	7440-50-8	Copper	1.2	J	0.01	mg/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8151	75-99-0	Dalapon	2600	R	2600	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	680	2051-24-3	Decachlorobiphenyl	22	U	22	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8081	319-86-8	delta-BHC	2.2	UJ	2.2	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8270	53-70-3	Dibenzo(a,h)anthracene	420	U	420	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8270	132-64-9	Dibenzofuran	420	U	420	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8151	1918-00-9	Dicamba	26	U	26	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	680	C-DICHLOROBI	Dichlorobiphenyl	4.2	U	4.2	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8260	75-09-2	Dichloromethane	2.5	U	2.5	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8151	120-36-5	Dichlorprop	130	U	130	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8081	60-57-1	Dieldrin	4.2	UJ	4.2	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8270	84-66-2	Diethyl Phthalate	420	U	420	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8270	131-11-3	Dimethyl Phthalate	420	U	420	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8270	84-74-2	Di-n-butylphthalate	420	U	420	ug/kg
R2AU1S	Sediment		11/14/2002	Field Sample	8270	117-84-0	Di-n-octylphthalate	420	U	420	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	49	[illegible]	49	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22	[illegible]	22	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	42	[illegible]	42	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	42	[illegible]	42	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	42	[illegible]	42	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	42	[illegible]	42	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	42	[illegible]	42	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.2	J	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	49	[illegible]	49	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	49	[illegible]	49	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22	[illegible]	22	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22	[illegible]	22	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22	[illegible]	22	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22	[illegible]	22	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	C-HEPTACHLOR	[illegible]	18	[illegible]	18	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	49	[illegible]	49	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	C-HEXACHLORO	[illegible]	56	[illegible]	56	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	49	[illegible]	49	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	49	[illegible]	49	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	49	[illegible]	49	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	49	[illegible]	49	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	49	[illegible]	49	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4000		0.65	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	49	[illegible]	49	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4	J	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		47	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	19		[illegible]	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	J	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22	[illegible]	22	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13	[illegible]	13	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	C-HEXACHLORO	[illegible]	4.2	[illegible]	4.2	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	49	[illegible]	49	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5.6		[illegible]	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	49	[illegible]	49	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	49	[illegible]	49	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	49	[illegible]	49	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	C-HEXACHLORO	[illegible]	22	[illegible]	22	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	C-OCTACHLORE	[illegible]	13	[illegible]	13	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	C-PENTACHLO	[illegible]	56	[illegible]	56	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22	[illegible]	22	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	Ph	pH	7.4		1	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	49	[illegible]	49	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	49	[illegible]	49	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	39		5	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	49	[illegible]	49	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.2	[illegible]	1.2	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.2	[illegible]	1.2	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	47	J	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.5	[illegible]	2.5	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	C-TETRACHLOR	[illegible]	5.6	[illegible]	5.6	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.5	[illegible]	2.5	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.2	[illegible]	1.2	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.2	J	1	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	39	[illegible]	39	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	39	[illegible]	39	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.5	[illegible]	2.5	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	C-TRICHLOROB	[illegible]	4.2	[illegible]	4.2	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.5	[illegible]	2.5	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5		[illegible]	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5.1	[illegible]	5.1	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	66		11	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13		[illegible]	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.1	[illegible]	3.1	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.1	[illegible]	3.1	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.1	[illegible]	3.1	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.1	[illegible]	3.1	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.1	[illegible]	3.1	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	40	[illegible]	40	[illegible]
[illegible]	Sediment		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	40	[illegible]	40	[illegible]

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
R2BD1S	Sediment		11/13/2002	Field Sample	8260	107-06-2	1,2-Dichloroethane	3.1	U	3.1	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8260	540-59-0	1,2-Dichloroethene (total)	6.2	U	6.2	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8260	78-87-5	1,2-Dichloropropane	3.1	U	3.1	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8270	541-73-1	1,3-Dichlorobenzene	440	UJ	440	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8270	106-46-7	1,4-Dichlorobenzene	440	UJ	440	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8270	108-60-1	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	440	UJ	440	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8151	93-76-5	2,4,5-T	11	U	11	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8151	93-72-1	2,4,5-TP (Silvex)	11	U	11	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8270	95-95-4	2,4,5-Trichlorophenol	440	U	440	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8270	88-06-2	2,4,6-Trichlorophenol	440	U	440	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8151	94-75-7	2,4-D	11	UJ	11	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8151	94-82-6	2,4-DB	11	U	11	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8270	120-83-2	2,4-Dichlorophenol	440	U	440	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8270	105-67-9	2,4-Dimethylphenol	440	U	440	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8270	51-28-5	2,4-Dinitrophenol	2300	U	2300	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8270	121-14-2	2,4-Dinitrotoluene	440	UJ	440	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8270	606-20-2	2,6-Dinitrotoluene	440	UJ	440	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8260	78-93-3	2-Butanone (MEK)	16	U	16	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8270	91-58-7	2-Chloronaphthalene	440	UJ	440	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8270	95-57-8	2-Chlorophenol	440	U	440	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8270	91-57-6	2-Methylnaphthalene	440	UJ	440	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8270	95-48-7	2-Methylphenol (o-Cresol)	440	U	440	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8270	88-74-4	2-Nitroaniline	2300	UJ	2300	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8270	88-75-5	2-Nitrophenol	440	U	440	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8270	91-94-1	3,3'-Dichlorobenzidine	890	UJ	890	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8270	106-44-5	3-Methylphenol/4-Methylphenol (m&p-Cresol)	440	U	440	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8270	99-09-2	3-Nitroaniline	2300	UJ	2300	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8081	72-54-8	4,4'-DDD	4.4	U	4.4	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8081	72-55-9	4,4'-DDE	4.4	U	4.4	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8081	50-29-3	4,4'-DDT	4.4	U	4.4	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8270	534-52-1	4,6-Dinitro-2-methylphenol	2300	U	2300	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8270	101-55-3	4-Bromophenyl Phenyl Ether	440	UJ	440	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8270	59-50-7	4-Chloro-3-methylphenol	440	U	440	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8270	7005-72-3	4-Chlorophenyl Phenyl Ether	440	UJ	440	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8260	108-10-1	4-Methyl-2-pentanone (MIBK)	16	U	16	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8270	100-02-7	4-Nitrophenol	2300	U	2300	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8270	83-32-9	Acenaphthene	440	UJ	440	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8270	208-96-8	Acenaphthylene	440	UJ	440	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8260	67-64-1	Acetone	3.9	J	18	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8081	309-00-2	Aldrin	2.3	U	2.3	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8081	319-84-6	alpha-BHC	2.3	U	2.3	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8081	5103-71-9	alpha-Chlordane	2.3	U	2.3	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	6010	7429-90-5	Aluminum	1300	J	0.02	mg/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8270	120-12-7	Anthracene	440	UJ	440	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	6010	7440-36-0	Antimony	2.5	U	2.5	mg/kg
R2BD1S	Sediment		11/13/2002	Field Sample	6010	7440-38-2	Arsenic	2.6		0.01	mg/kg
R2BD1S	Sediment		11/13/2002	Field Sample	6010	7440-39-3	Barium	300		0.94	mg/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8260	71-43-2	Benzene	3.1	U	3.1	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8270	56-55-3	Benzo(a)anthracene	440	UJ	440	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8270	50-32-8	Benzo(a)pyrene	440	UJ	440	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8270	205-99-2	Benzo(b)fluoranthene	440	UJ	440	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8270	191-24-2	Benzo(g,h,i)perylene	440	UJ	440	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8270	207-08-9	Benzo(k)fluoranthene	440	UJ	440	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8270	85-68-7	Benzyl Butyl Phthalate	440	UJ	440	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	6010	7440-41-7	Beryllium	0.54	U	0.54	mg/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8081	319-85-7	beta-BHC	2.3	U	2.3	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8270	111-91-1	bis(2-Chloroethoxy)methane	440	UJ	440	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8270	111-44-4	bis(2-Chloroethyl)ether	440	UJ	440	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8270	117-81-7	bis(2-Ethylhexyl)phthalate	440	UJ	440	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8260	75-27-4	Bromodichloromethane	3.1	U	3.1	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8260	75-25-2	Bromoform	3.1	U	3.1	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8260	74-83-9	Bromomethane	6.2	U	6.2	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	6010	7440-43-9	Cadmium	0.61	UJ	0.61	mg/kg
R2BD1S	Sediment		11/13/2002	Field Sample	6010	7440-70-2	Calcium	3000	J	1.1	mg/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8270	86-74-8	Carbazole	440	UJ	440	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8260	75-15-0	Carbon Disulfide	3.1	U	3.1	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8260	56-23-5	Carbon Tetrachloride	3.1	U	3.1	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8260	108-90-7	Chlorobenzene	3.1	U	3.1	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8260	124-48-1	Chlorodibromomethane	3.1	U	3.1	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8260	75-00-3	Chloroethane	6.2	U	6.2	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8260	67-66-3	Chloroform	3.1	U	3.1	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8260	74-87-3	Chloromethane	6.2	UJ	6.2	ug/kg

Appendix II-B

Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

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Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
R2BD1S	Sediment		11/13/2002	Field Sample	8260	127-18-4	Tetrachloroethene	3.1	U	3.1	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	6010	7440-28-0	Thallium	1.3		0.01	mg/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8260	108-88-3	Toluene	3.1	U	3.1	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	9060	E-10195	Total Organic Carbon	500	U	500	mg/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8081	8001-35-2	Toxaphene	230	U	230	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8260	10061-02-6	trans-1,3-Dichloropropene	3.1	U	3.1	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	680	C-TRICHLORIOB	Trichlorobiphenyl	4.4	U	4.4	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8260	79-01-6	Trichloroethylene	3.1	U	3.1	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	6010	7440-62-2	Vanadium	15		0.01	mg/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8260	75-01-4	Vinyl chloride	6.2	U	6.2	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	8260	1330-20-7	Xylenes, Total	3.4	J	11	ug/kg
R2BD1S	Sediment		11/13/2002	Field Sample	6010	7440-66-6	Zinc	27		0.02	mg/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8260	71-55-6	1,1,1-Trichloroethane	2.7	U	2.7	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8260	79-34-5	1,1,2,2-Tetrachloroethane	2.7	U	2.7	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8260	79-00-5	1,1,2-Trichloroethane	2.7	U	2.7	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8260	75-34-3	1,1-Dichloroethane	2.7	U	2.7	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8260	75-35-4	1,1-Dichloroethylene	2.7	U	2.7	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	0.0014	U	0.0014	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8290	67562-39-4	1,2,3,4,6,7,8-HpCDF	0.00059	U	0.00059	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8290	55673-89-7	1,2,3,4,7,8,9-HpCDF	0.00065	U	0.00065	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.0011	U	0.0011	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8290	70648-26-9	1,2,3,4,7,8-HxCDF	0.00092	U	0.00092	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	0.0011	U	0.0011	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8290	57117-44-9	1,2,3,6,7,8-HxCDF	0.00092	U	0.00092	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.0011	U	0.0011	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8290	72918-21-9	1,2,3,7,8,9-HxCDF	0.0012	U	0.0012	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.00086	U	0.00086	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.0012	U	0.0012	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8270	120-82-1	1,2,4-Trichlorobenzene	420	R	420	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8270	95-50-1	1,2-Dichlorobenzene	420	R	420	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8260	107-06-2	1,2-Dichloroethane	2.7	U	2.7	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8260	540-59-0	1,2-Dichloroethene (total)	5.3	U	5.3	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8260	78-87-5	1,2-Dichloropropane	2.7	U	2.7	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8270	541-73-1	1,3-Dichlorobenzene	420	R	420	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8270	106-46-7	1,4-Dichlorobenzene	420	R	420	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8270	108-60-1	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	420	R	420	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8290	60851-34-5	2,3,4,6,7,8-HxCDF	0.001	U	0.001	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8290	57117-31-4	2,3,4,7,8-PeCDF	0.00086	U	0.00086	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8290	1746-01-6	2,3,7,8-TCDD	0.00048	U	0.00048	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.00031	U	0.00031	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8151	93-76-5	2,4,5-T	11	U	11	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8151	93-72-1	2,4,5-TP (Silvex)	11	U	11	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8270	95-95-4	2,4,5-Trichlorophenol	420	R	420	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8270	88-06-2	2,4,6-Trichlorophenol	420	R	420	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8151	94-75-7	2,4-D	11	UJ	11	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8151	94-82-6	2,4-DB	11	U	11	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8270	120-83-2	2,4-Dichlorophenol	420	R	420	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8270	105-67-9	2,4-Dimethylphenol	420	R	420	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8270	51-28-5	2,4-Dinitrophenol	2200	R	2200	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8270	121-14-2	2,4-Dinitrotoluene	420	R	420	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8270	606-20-2	2,6-Dinitrotoluene	420	R	420	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8260	78-93-3	2-Butanone (MEK)	13	U	13	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8270	91-58-7	2-Chloronaphthalene	420	R	420	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8270	95-57-8	2-Chlorophenol	420	R	420	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8270	91-57-6	2-Methylnaphthalene	420	R	420	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8270	95-48-7	2-Methylphenol (o-Cresol)	420	R	420	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8270	88-74-4	2-Nitroaniline	2200	R	2200	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8270	88-75-5	2-Nitrophenol	420	R	420	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8270	91-94-1	3,3'-Dichlorobenzidine	850	R	850	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8270	108-44-5	3-Methylphenol/4-Methylphenol (m&p-Cresol)	420	R	420	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8270	99-09-2	3-Nitroaniline	2200	R	2200	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8081	72-54-8	4,4'-DDD	4.2	UJ	4.2	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8081	72-55-9	4,4'-DDE	4.2	UJ	4.2	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8081	50-29-3	4,4'-DDT	4.2	UJ	4.2	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8270	534-52-1	4,6-Dinitro-2-methylphenol	2200	R	2200	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8270	101-55-3	4-Bromophenyl Phenyl Ether	420	R	420	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8270	59-50-7	4-Chloro-3-methylphenol	420	R	420	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8270	7005-72-3	4-Chlorophenyl Phenyl Ether	420	R	420	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8260	108-10-1	4-Methyl-2-pentanone (MIBK)	13	U	13	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8270	100-02-7	4-Nitrophenol	2200	R	2200	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8270	83-32-9	Acenaphthene	420	R	420	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8270	208-96-8	Acenaphthylene	420	R	420	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Saugat Area 2 Sites

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
R2BM1S	Sediment		11/14/2002	Field Sample	8270	67-72-1	Hexachloroethane	420	R	420	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8270	193-39-5	Indeno(1,2,3-cd)pyrene	420	R	420	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	6010	7439-89-6	Iron	3800		0.05	mg/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8270	78-59-1	Isophorone	420	R	420	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	6010	7439-92-1	Lead	19	J	0.005	mg/kg
R2BM1S	Sediment		11/14/2002	Field Sample	6010	7439-95-4	Magnesium	980		47	mg/kg
R2BM1S	Sediment		11/14/2002	Field Sample	6010	7439-96-5	Manganese	68		0.01	mg/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8151	94-74-6	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	2800	U	2800	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8151	93-65-2	MCPP	2800	U	2800	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	7471	7439-97-6	Mercury	0.0043	J	0.017	mg/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8081	72-43-5	Methoxychlor	22	UJ	22	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8260	591-78-6	Methyl N-Butyl Ketone	13	U	13	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	680	C-MONOCHLORO	Monochlorobiphenyl	4.2	U	4.2	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8270	91-20-3	Naphthalene	420	R	420	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	6010	7440-02-0	Nickel	4.7		0.04	mg/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8270	98-95-3	Nitrobenzene	420	R	420	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8270	621-64-7	N-Nitroso-di-n-propylamine	420	R	420	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8270	86-30-6	N-Nitrosodiphenylamine	420	R	420	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	680	C-NONACHLORO	Nonachlorobiphenyl	22	U	22	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8290	3268-87-9	OCDD	0.024	J	0.000003	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8290	39001-02-0	OCDF	0.0012	U	0.0012	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	680	C-OCTA-BIPHE	Octachlorobiphenyl	13	U	13	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8270	106-47-8	P-Chloroaniline	860	R	860	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	680	C-PENTBIPHEN	Pentachlorobiphenyl	8.6	U	8.6	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8151	87-86-5	Pentachlorophenol	22	U	22	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	D2216	MOIST	Percent Moisture	22.5		1	%
R2BM1S	Sediment		11/14/2002	Field Sample	9045	PH	pH	7.4		1	units
R2BM1S	Sediment		11/14/2002	Field Sample	8270	85-01-8	Phenanthrene	420	R	420	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8270	108-95-2	Phenol	420	R	420	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8270	100-01-6	P-Nitroaniline	2200	R	2200	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	6010	7440-09-7	Potassium	240		94	mg/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8270	129-00-0	Pyrene	420	R	420	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	6010	7782-49-2	Selenium	1.2	U	1.2	mg/kg
R2BM1S	Sediment		11/14/2002	Field Sample	6010	7440-22-4	Silver	1.2	UJ	1.2	mg/kg
R2BM1S	Sediment		11/14/2002	Field Sample	6010	7440-23-5	Sodium	44	J	100	mg/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8260	100-42-5	Styrene (Monomer)	2.7	U	2.7	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	680	C-TETRACHLOR	Tetrachlorobiphenyl	8.6	U	8.6	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8260	127-18-4	Tetrachloroethene	2.7	U	2.7	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	6010	7440-28-0	Thallium	1.2	U	1.2	mg/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8260	108-88-3	Toluene	2.7	U	2.7	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8290	37871-00-4	Total HpCDD	0.0014	U	0.0014	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8290	38998-75-3	Total HpCDF	0.00065	U	0.00065	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8290	34465-46-8	Total HxCDD	0.0011	U	0.0011	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8290	55684-94-1	Total HxCDF	0.0012	U	0.0012	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	9060	E-10195	Total Organic Carbon	500	U	500	mg/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8290	36088-22-9	Total PeCDD	0.0012	U	0.0012	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8290	30402-15-4	Total PeCDF	0.00065	U	0.00065	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8290	41903-57-5	Total TCDD	0.00049	U	0.00049	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8290	55722-27-5	Total TCDF	0.00031	U	0.00031	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8081	8001-35-2	Toxaphene	220	UJ	220	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8260	10061-02-6	trans-1,3-Dichloropropene	2.7	U	2.7	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	680	C-TRICHLOROB	Trichlorobiphenyl	4.2	U	4.2	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8260	79-01-6	Trichloroethylene	2.7	U	2.7	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	6010	7440-62-2	Vanadium	4.5		0.01	mg/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8260	75-01-4	Vinyl chloride	5.3	U	5.3	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	8260	1330-20-7	Xylenes, Total	2.5	J	11	ug/kg
R2BM1S	Sediment		11/14/2002	Field Sample	6010	7440-66-6	Zinc	10		0.02	mg/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8260	71-55-6	1,1,1-Trichloroethane	2.3	U	2.3	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8260	79-34-5	1,1,2,2-Tetrachloroethane	2.3	U	2.3	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8260	79-00-5	1,1,2-Trichloroethane	2.3	U	2.3	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8260	75-34-3	1,1-Dichloroethane	2.3	U	2.3	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8260	75-35-4	1,1-Dichloroethylene	2.3	U	2.3	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8270	120-82-1	1,2,4-Trichlorobenzene	410	U	410	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8270	95-50-1	1,2-Dichlorobenzene	410	U	410	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8260	107-06-2	1,2-Dichloroethane	2.3	U	2.3	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8260	540-59-0	1,2-Dichloroethene (total)	2.3	U	2.3	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8260	78-87-5	1,2-Dichloropropane	2.3	U	2.3	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8270	541-73-1	1,3-Dichlorobenzene	410	U	410	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8270	106-46-7	1,4-Dichlorobenzene	410	U	410	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8270	108-60-1	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	410	U	410	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8151	93-76-5	2,4,5-T	10	R	10	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8151	93-72-1	2,4,5-TP (Silvex)	10	R	10	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Saugat Area 2 Sites

Field Sample ID	Media	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4,5-Trichlorophenol	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4,6-Trichlorophenol	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-D	19	R	19	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-DB	19	R	19	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-Dichlorophenol	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-Dimethylphenol	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-Dinitrophenol	2200	UJ	2200	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-Dinitrotoluene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,6-Dinitrotoluene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Butanone (MEK)	11	U	11	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Chloronaphthalene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Chlorophenol	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Methylnaphthalene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Methylphenol (o-Cresol)	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Nitroaniline	2200	UJ	2200	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Nitrophenol	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	3,3'-Dichlorobenzidine	880	U	880	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	3-Methylcresol (3-Methylphenol) (m/p-Cresol)	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	3-Nitroaniline	2200	UJ	2200	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,4'-DDD	4.1	U	4.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,4'-DDE	4.1	U	4.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,4'-DDT	4.1	U	4.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,6-Dinitro-2-methylphenol	2200	U	2200	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Bromophenyl Phenyl Ether	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Chloro-3-methylphenol	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Chlorophenyl Phenyl Ether	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Methyl-2-pentanone (MIBK)	11	U	11	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Nitrophenol	2200	U	2200	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Acenaphthene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Acenaphthylene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Acetone	6.3	J	11	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Aldrin	2.1	U	2.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	alpha-BHC	2.1	U	2.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	alpha-Chlordane	2.1	U	2.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Aluminum	14000		0.02	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Anthracene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Antimony	2.5	U	2.5	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Arsenic	2.1		0.01	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Barium	15		0.01	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzene	2.3	U	2.3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo(a)anthracene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo(b)pyrene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo(g,h,i)perylene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo(k)fluoranthene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzyl butyl Phthalate	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Beryllium	0.5	U	0.5	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	beta-BHC	2.1	U	2.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	bis(2-Chloroethoxy)methane	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	bis(2-Chloroethyl)ether	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	bis(2-Ethylhexyl)phthalate	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Bromodichloromethane	2.3	U	2.3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Bromoform	2.3	U	2.3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Bromomethane	4.6	UJ	4.6	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Cadmium	0.57	UJ	0.57	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Calcium	2200		1.1	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Carbazole	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Carbon disulfide	2.3	U	2.3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Carbon tetrachloride	2.3	U	2.3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chlordane	2.3	U	2.3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chlorobenzene	2.3	U	2.3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chloroform	4.6	U	4.6	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chromium	2.3	U	2.3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chrysene	4.6	UJ	4.6	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Cobalt	3.7		0.01	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Coronene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	cis-1,3-Dichloropropene	2.3	U	2.3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Cobalt	2.7		0.01	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Copper	1.6	J	0.01	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Cyanide	2.2	R	2.2	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dibenzofuran	21	U	21	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	delta-BHC	2.1	U	2.1	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
R2BU1S	Sediment		11/15/2002	Field Sample	8270	53-70-3	Dibenzo(a,h)anthracene	410	U	410	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8270	132-64-9	Dibenzofuran	410	U	410	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8151	1918-00-9	Dicamba	25	R	25	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	680	C-DICHLOROBI	Dichlorobiphenyl	4.1	U	4.1	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8260	75-09-2	Dichloromethane	2.3	U	2.3	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8151	120-36-5	Dichlorprop	120	R	120	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8081	60-57-1	Dieldrin	4.1	U	4.1	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8270	84-66-2	Diethyl Phthalate	410	U	410	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8270	131-11-3	Dimethyl Phthalate	410	U	410	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8270	84-74-2	Di-n-butylphthalate	410	U	410	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8270	117-84-0	Di-n-octylphthalate	410	U	410	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8270	88-85-7	Dinoseb	410	UJ	410	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8081	959-98-8	Endosulfan I	2.1	U	2.1	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8081	33213-65-9	Endosulfan II	4.1	U	4.1	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8081	1031-07-8	Endosulfan Sulfate	4.1	U	4.1	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8081	72-20-8	Endrin	4.1	U	4.1	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8081	7421-93-4	Endrin Aldehyde	4.1	U	4.1	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8081	53494-70-5	Endrin Ketone	4.1	U	4.1	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8260	100-41-4	Ethylbenzene	2.3	U	2.3	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8270	206-44-0	Fluoranthene	410	U	410	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8270	86-73-7	Fluorene	410	U	410	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8081	58-89-9	gamma-BHC (Lindane)	2.1	U	2.1	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8081	5103-74-2	gamma-Chlordane	2.1	U	2.1	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8081	76-44-8	Heptachlor	2.1	U	2.1	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8081	1024-57-3	Heptachlor Epoxide	2.1	U	2.1	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	680	C-HEPTACHLOR	Heptachlorobiphenyl	12	U	12	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8270	118-74-1	Hexachlorobenzene	410	U	410	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	680	C-HEXACHLORO	Hexachlorobiphenyl	8.4	U	8.4	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8270	87-68-3	Hexachlorobutadiene	410	U	410	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8270	77-47-4	Hexachlorocyclopentadiene	410	UJ	410	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8270	67-72-1	Hexachloroethane	410	U	410	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8270	193-39-5	Indeno(1,2,3-cd)pyrene	410	U	410	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	6010	7439-89-6	Iron	5800		0.05	mg/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8270	78-59-1	Isophorone	410	U	410	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	6010	7439-92-1	Lead	4.4		0.005	mg/kg
R2BU1S	Sediment		11/15/2002	Field Sample	6010	7439-95-4	Magnesium	1100		47	mg/kg
R2BU1S	Sediment		11/15/2002	Field Sample	6010	7439-96-5	Manganese	86		0.01	mg/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8151	94-74-6	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	2500	R	2500	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8151	93-65-2	MCPP	2500	R	2500	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	7471	7439-97-6	Mercury	0.0043	J	0.017	mg/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8081	72-43-5	Methoxychlor	21	U	21	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8260	591-78-6	Methyl N-Butyl Ketone	11	U	11	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	680	C-MONOCHLORO	Monochlorobiphenyl	4.1	U	4.1	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8270	91-20-3	Naphthalene	410	U	410	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	6010	7440-02-0	Nickel	6.5		0.04	mg/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8270	98-95-3	Nitrobenzene	410	U	410	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8270	621-64-7	N-Nitroso-di-n-propylamine	410	U	410	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8270	86-30-6	N-Nitrosodiphenylamine	410	U	410	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	680	C-NONACHLORO	Nonachlorobiphenyl	21	U	21	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	680	C-OCTA-BIPHE	Octachlorobiphenyl	12	U	12	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8270	106-47-8	P-Chloroaniline	820	U	820	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	680	C-PENTBIPHEN	Pentachlorobiphenyl	8.4	U	8.4	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8151	87-86-5	Pentachlorophenol	21	R	21	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	9045	PH	pH	6.9		1	units
R2BU1S	Sediment		11/15/2002	Field Sample	8270	85-01-8	Phenanthrene	410	U	410	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8270	108-95-2	Phenol	410	U	410	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8270	100-01-6	P-Nitroaniline	2100	U	2100	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	6010	7440-09-7	Potassium	270		94	mg/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8270	129-00-0	Pyrene	410	U	410	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	6010	7782-49-2	Selenium	1.1	U	1.1	mg/kg
R2BU1S	Sediment		11/15/2002	Field Sample	6010	7440-22-4	Silver	1.1	UJ	1.1	mg/kg
R2BU1S	Sediment		11/15/2002	Field Sample	6010	7440-23-5	Sodium	37	J	100	mg/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8260	100-42-5	Styrene (Monomer)	2.3	U	2.3	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	680	C-TETRACHLOR	Tetrachlorobiphenyl	8.4	U	8.4	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8260	127-18-4	Tetrachloroethene	2.3	U	2.3	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	6010	7440-28-0	Thallium	1.1	U	1.1	mg/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8260	108-88-3	Toluene	2.3	U	2.3	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	9060	E-10195	Total Organic Carbon	800	U	800	mg/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8081	8001-35-2	Toxaphene	210	U	210	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8260	10061-02-6	trans-1,3-Dichloropropene	2.3	U	2.3	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	680	C-TRICHLOROB	Trichlorobiphenyl	4.1	U	4.1	ug/kg
R2BU1S	Sediment		11/15/2002	Field Sample	8260	79-01-6	Trichloroethylene	2.3	U	2.3	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Media	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	72		[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	45	U	45	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible], Total	52	U	52	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Zinc	14	U	14	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,1,1-[illegible]	3	U	3	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,1,2,2-[illegible]	3	U	3	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,1,2-[illegible]	3	U	3	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,1-[illegible]	3	U	3	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,1-[illegible]	3	U	3	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,2,4-[illegible]	340	U	340	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,2-[illegible]	340	U	340	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,2-[illegible]	3	U	3	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,3-[illegible] (total)	6	U	6	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,3-[illegible]	3	U	3	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,3-[illegible]	340	U	340	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,4-[illegible]	340	U	340	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,2'-Oxybis(1-chloropropane) (bis-2-chloroisopropyl ether)	340	U	340	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4,5-T	8.5	U	8.5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4,5-TP (Silvex)	8.5	U	8.5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4,6-[illegible]	340	U	340	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4,6-[illegible]	340	U	340	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-D	8.5	UJ	8.5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-DB	8.5	U	8.5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-[illegible]	340	U	340	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-[illegible]	340	U	340	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-[illegible]	1000	U	1000	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-[illegible]	340	U	340	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,5-[illegible]	340	U	340	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-[illegible] (MEK)	15	U	15	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Chloronaphthalene	340	U	340	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Chlorophenol	340	U	340	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Methylnaphthalene	340	U	340	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Methylphenol (o-Cresol)	340	U	340	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Nitroaniline	1000	U	1000	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Nitrophenol	340	U	340	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	3,3'-[illegible]	680	U	680	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	3-Methylcholanthrene (3-Methylphenol (m/p-Cresol))	340	U	340	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	3-Nitroaniline	1000	U	1000	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,6-DNO	3.4	U	3.4	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,6-DNE	3.4	U	3.4	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,6-DNF	3.4	U	3.4	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,6-Dinitro-2-methylphenol	1000	U	1000	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Bromophenyl Phenyl Ether	340	U	340	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Chloro-3-methylphenol	340	U	340	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Chlorophenyl Phenyl Ether	340	U	340	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Methyl-2-pentanone (MIBK)	15	U	15	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Nitrophenol	1000	U	1000	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Acenaphthene	340	U	340	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Acenaphthylene	340	U	340	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Acetone	20	U	20	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Aldrin	1.8	U	1.8	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	alpha-BHC	1.8	U	1.8	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	alpha-Chlordane	1.8	U	1.8	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Aluminum	20	J	0.02	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Anthracene	340	U	340	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Antimony	1.9	U	1.9	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Arsenic	1.4		0.01	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Barium	22		0.01	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzene	3	U	3	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo[a]anthracene	340	U	340	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo[a]pyrene	340	U	340	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo[b]fluoranthene	340	U	340	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo[g,h,i]perylene	340	U	340	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo[k]fluoranthene	340	U	340	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzyl Butyl Phthalate	340	U	340	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Beryllium	0.42	U	0.42	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	beta-BHC	1.8	U	1.8	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	bis(2-Chloroethoxy)methane	340	U	340	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	bis(2-Chloroethyl)ether	340	U	340	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	bis(2-Ethylhexyl)phthalate	340	U	340	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Bromodichloromethane	3	U	3	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Bromoform	3	U	3	[illegible]

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
R2CM1S	Sediment		11/14/2002	Field Sample	8260	74-83-9	Bromomethane	6	U	6	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	6010	7440-43-9	Cadmium	0.47	UJ	0.47	mg/kg
R2CM1S	Sediment		11/14/2002	Field Sample	6010	7440-70-2	Calcium	790	J	1.1	mg/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8270	86-74-8	Carbazole	340	U	340	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8260	75-15-0	Carbon Disulfide	3	U	3	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8260	56-23-5	Carbon Tetrachloride	3	U	3	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8260	108-90-7	Chlorobenzene	3	U	3	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8260	124-48-1	Chlorodibromomethane	3	U	3	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8260	75-00-3	Chloroethane	6	U	6	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8260	67-66-3	Chloroform	3	U	3	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8260	74-87-3	Chloromethane	6	UJ	6	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	6010	7440-47-3	Chromium	2.7		0.01	mg/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8270	218-01-9	Chrysene	340	U	340	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8260	10061-01-5	cis-1,3-Dichloropropene	3	U	3	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	6010	7440-48-4	Cobalt	3.2		0.01	mg/kg
R2CM1S	Sediment		11/14/2002	Field Sample	6010	7440-50-8	Copper	0.66	J	0.01	mg/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8151	75-99-0	Dalapon	2100	R	2100	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	680	2051-24-3	Decachlorobiphenyl	18	U	18	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8081	319-86-8	delta-BHC	1.8	U	1.8	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8270	53-70-3	Dibenzo(a,h)anthracene	340	U	340	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8270	132-64-9	Dibenzofuran	340	U	340	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8151	1918-00-9	Dicamba	21	U	21	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	680	C-DICHLOROBI	Dichlorobiphenyl	3.4	U	3.4	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8260	75-09-2	Dichloromethane	3	U	3	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8151	120-36-5	Dichloprop	100	U	100	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8081	60-57-1	Dieldrin	3.4	U	3.4	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8270	84-66-2	Diethyl Phthalate	340	U	340	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8270	131-11-3	Dimethyl Phthalate	340	U	340	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8270	84-74-2	Di-n-butylphthalate	340	U	340	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8270	117-84-0	Di-n-octylphthalate	340	U	340	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8270	88-85-7	Dinoseb	340	UJ	340	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8081	959-98-8	Endosulfan I	1.8	U	1.8	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8081	33213-65-9	Endosulfan II	3.4	U	3.4	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8081	1031-07-8	Endosulfan Sulfate	3.4	U	3.4	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8081	72-20-8	Endrin	3.4	U	3.4	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8081	7421-93-4	Endrin Aldehyde	3.4	U	3.4	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8081	53494-70-5	Endrin Ketone	3.4	U	3.4	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8260	100-41-4	Ethylbenzene	3	U	3	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8270	206-44-0	Fluoranthene	340	U	340	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8270	86-73-7	Fluorene	340	U	340	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8081	58-89-9	gamma-BHC (Lindane)	1.8	U	1.8	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8081	5103-74-2	gamma-Chlordane	1.8	U	1.8	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8081	76-44-8	Heptachlor	1.8	U	1.8	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8081	1024-57-3	Heptachlor Epoxide	1.8	U	1.8	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	680	C-HEPTACHLOR	Heptachlorobiphenyl	10	U	10	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8270	118-74-1	Hexachlorobenzene	340	U	340	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	680	C-HEXACHLORO	Hexachlorobiphenyl	7	U	7	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8270	87-68-3	Hexachlorobutadiene	340	U	340	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8270	77-47-4	Hexachlorocyclopentadiene	340	U	340	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8270	67-72-1	Hexachloroethane	340	U	340	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8270	193-39-5	Indeno(1,2,3-cd)pyrene	340	U	340	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	6010	7439-89-6	Iron	3200		0.05	mg/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8270	78-59-1	Isophorone	340	U	340	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	6010	7439-92-1	Lead	2	J	0.005	mg/kg
R2CM1S	Sediment		11/14/2002	Field Sample	6010	7439-95-4	Magnesium	540		47	mg/kg
R2CM1S	Sediment		11/14/2002	Field Sample	6010	7439-96-5	Manganese	150		0.01	mg/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8151	94-74-6	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	2100	U	2100	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8151	93-65-2	MCPP	2100	U	2100	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	7471	7439-97-6	Mercury	0.019	U	0.019	mg/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8081	72-43-5	Methoxychlor	18	U	18	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8260	591-78-6	Methyl N-Butyl Ketone	15	U	15	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	680	C-MONOCHLORO	Monochlorobiphenyl	3.4	U	3.4	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8270	91-20-3	Naphthalene	340	U	340	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	6010	7440-02-0	Nickel	6.8		0.04	mg/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8270	98-95-3	Nitrobenzene	340	U	340	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8270	621-64-7	N-Nitroso-di-n-propylamine	340	U	340	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8270	86-30-6	N-Nitrosodiphenylamine	340	U	340	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	680	C-NONACHLORO	Nonachlorobiphenyl	18	U	18	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	680	C-OCTA-BIPHE	Octachlorobiphenyl	10	U	10	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8270	106-47-8	P-Chloroaniline	680	U	680	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	680	C-PENTBIPHEN	Pentachlorobiphenyl	7	U	7	ug/kg
R2CM1S	Sediment		11/14/2002	Field Sample	8151	87-86-5	Pentachlorophenol	18	U	18	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Saugat Area 2 Sites

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	340	U	340	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	340	U	340	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1000	U	1000	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	140		91	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	340	U	340	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.55	U	0.55	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.55	UJ	0.55	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	35	J	100	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	U	3	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7	U	7	[illegible]
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[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	U	3	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100	U	100	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100	U	100	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	U	3	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.4	U	3.4	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	U	3	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.3		0.61	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6	U	6	[illegible]
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[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.8	U	4.8	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.4	U	2.4	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	400	U	400	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	400	U	400	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	400	U	400	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11	U	11	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11	U	11	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	400	U	400	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	400	U	400	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.4	J	0.5	[illegible]
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[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	400	U	400	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	400	U	400	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	200	U	200	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	400	U	400	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	400	U	400	[illegible]
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[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	400	U	400	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	200	U	200	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	400	U	400	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	200	U	200	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	400	U	400	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	200	U	200	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	400	U	400	[illegible]
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[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.1	J	0.1	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.2	UJ	4.2	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	200	U	200	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	400	U	400	[illegible]
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[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	400	U	400	[illegible]
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[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7.5	J	15	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22	U	22	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22	U	22	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22	U	22	[illegible]

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
R3AD1S	Sediment		11/12/2002	Field Sample	6010	7429-90-5	Aluminum	2000		0.02	mg/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8270	120-12-7	Anthracene	420	U	420	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	6010	7440-36-0	Antimony	2.3	UJ	2.3	mg/kg
R3AD1S	Sediment		11/12/2002	Field Sample	6010	7440-38-2	Arsenic	3		0.01	mg/kg
R3AD1S	Sediment		11/12/2002	Field Sample	6010	7440-39-3	Barium	89		0.94	mg/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8260	71-43-2	Benzene	2.4	U	2.4	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8270	56-55-3	Benzo(a)anthracene	420	U	420	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8270	50-32-8	Benzo(a)pyrene	420	U	420	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8270	205-99-2	Benzo(b)fluoranthene	420	U	420	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8270	191-24-2	Benzo(g,h,i)perylene	26	J	10	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8270	207-08-9	Benzo(k)fluoranthene	420	U	420	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8270	85-68-7	Benzyl Butyl Phthalate	420	U	420	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	6010	7440-41-7	Beryllium	0.16	J	0.004	mg/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8081	319-85-7	beta-BHC	0.28	J	0.05	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8270	111-91-1	bis(2-Chloroethoxy)methane	420	U	420	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8270	111-44-4	bis(2-Chloroethyl)ether	420	U	420	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8270	117-81-7	bis(2-Ethylhexyl)phthalate	420	U	420	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8260	75-27-4	Bromodichloromethane	2.4	U	2.4	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8260	75-25-2	Bromoform	2.4	U	2.4	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8260	74-83-9	Bromomethane	4.8	U	4.8	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	6010	7440-43-9	Cadmium	1.1		0.005	mg/kg
R3AD1S	Sediment		11/12/2002	Field Sample	6010	7440-70-2	Calcium	7300	J	1.1	mg/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8270	86-74-8	Carbazole	420	U	420	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8260	75-15-0	Carbon Disulfide	2.4	U	2.4	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8260	56-23-5	Carbon Tetrachloride	2.4	U	2.4	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8260	108-90-7	Chlorobenzene	1.9	J	1	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8260	124-48-1	Chlorodibromomethane	2.4	U	2.4	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8260	75-00-3	Chloroethane	4.8	U	4.8	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8260	67-66-3	Chloroform	2.4	U	2.4	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8260	74-87-3	Chloromethane	4.8	UJ	4.8	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	6010	7440-47-3	Chromium	5.3		0.01	mg/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8270	218-01-9	Chrysene	420	U	420	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8260	10061-01-5	cis-1,3-Dichloropropene	2.4	U	2.4	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	6010	7440-48-4	Cobalt	3.5		0.01	mg/kg
R3AD1S	Sediment		11/12/2002	Field Sample	6010	7440-50-8	Copper	6.4		0.01	mg/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8151	75-99-0	Dalapon	2600	U	2600	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	680	2051-24-3	Decachlorobiphenyl	22	U	22	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8081	319-86-8	delta-BHC	2.2	U	2.2	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8270	53-70-3	Dibenzo(a,h)anthracene	420	U	420	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8270	132-64-9	Dibenzofuran	420	U	420	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8151	1918-00-9	Dicamba	26	U	26	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	680	C-DICHLOROBI	Dichlorobiphenyl	1	J	0.1	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8260	75-09-2	Dichloromethane	2.4	U	2.4	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8151	120-36-5	Dichloprop	3.1	J	100	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8081	60-57-1	Dieldrin	4.2	U	4.2	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8270	84-66-2	Diethyl Phthalate	420	U	420	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8270	131-11-3	Dimethyl Phthalate	420	U	420	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8270	84-74-2	Di-n-butylphthalate	420	U	420	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8270	117-84-0	Di-n-octylphthalate	420	U	420	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8270	88-85-7	Dinoseb	420	U	420	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8081	959-98-8	Endosulfan I	2.2	U	2.2	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8081	33213-65-9	Endosulfan II	4.2	U	4.2	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8081	1031-07-8	Endosulfan Sulfate	4.2	U	4.2	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8081	72-20-8	Endrin	4.2	U	4.2	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8081	7421-93-4	Endrin Aldehyde	1.8	J	0.1	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8081	53494-70-5	Endrin Ketone	4.2	U	4.2	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8260	100-41-4	Ethylbenzene	1.1	J	0.83	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8270	206-44-0	Fluoranthene	420	U	420	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8270	86-73-7	Fluorene	420	U	420	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8081	58-89-9	gamma-BHC (Lindane)	0.18	J	0.05	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8081	5103-74-2	gamma-Chlordane	0.76	J	0.05	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8081	76-44-8	Heptachlor	2.2	UJ	2.2	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8081	1024-57-3	Heptachlor Epoxide	0.61	J	0.05	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	680	C-HEPTACHLOR	Heptachlorobiphenyl	13	U	13	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8270	118-74-1	Hexachlorobenzene	420	U	420	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	680	C-HEXACHLORO	Hexachlorobiphenyl	8.6	U	8.6	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8270	87-68-3	Hexachlorobutadiene	420	U	420	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8270	77-47-4	Hexachlorocyclopentadiene	420	U	420	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8270	67-72-1	Hexachloroethane	420	U	420	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8270	193-39-5	Indeno(1,2,3-cd)pyrene	420	U	420	ug/kg
R3AD1S	Sediment		11/12/2002	Field Sample	6010	7439-89-6	Iron	7600		0.05	mg/kg
R3AD1S	Sediment		11/12/2002	Field Sample	8270	78-59-1	Isophorone	420	U	420	ug/kg

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[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13	U	13	[illegible]
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Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
RSAM1S	Sediment		11/12/2002	Field Sample	8270	88-75-5	2-Nitrophenol	540	U	540	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8270	91-94-1	3,3'-Dichlorobenzidine	1100	U	1100	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8270	108-44-5	3-Methylphenol/4-Methylphenol (m&p-Cresol)	540	U	540	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8270	99-09-2	3-Nitroaniline	2800	U	2800	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8081	72-54-8	4,4'-DDD	5.4	UJ	5.4	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8081	72-55-9	4,4'-DDE	1.3	UJ	1.3	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8081	50-29-3	4,4'-DDT	5.4	UJ	5.4	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8270	534-52-1	4,6-Dinitro-2-methylphenol	2800	U	2800	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8270	101-55-3	4-Bromophenyl Phenyl Ether	540	U	540	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8270	59-50-7	4-Chloro-3-methylphenol	540	U	540	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8270	7005-72-3	4-Chlorophenyl Phenyl Ether	540	U	540	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8260	108-10-1	4-Methyl-2-pentanone (MIBK)	15	U	15	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8270	100-02-7	4-Nitrophenol	2800	U	2800	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8270	83-32-9	Acenaphthene	540	U	540	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8270	208-96-8	Acenaphthylene	540	U	540	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8260	67-64-1	Acetone	12	J	18	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8081	309-00-2	Aldrin	2.8	UJ	2.8	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8081	319-84-6	alpha-BHC	2.8	UJ	2.8	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8081	5103-71-9	alpha-Chlordane	2.8	UJ	2.8	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	6010	7429-90-5	Aluminum	5800		0.02	mg/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8270	120-12-7	Anthracene	540	U	540	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	6010	7440-36-0	Antimony	3.3	UJ	3.3	mg/kg
RSAM1S	Sediment		11/12/2002	Field Sample	6010	7440-38-2	Arsenic	3.7		0.01	mg/kg
RSAM1S	Sediment		11/12/2002	Field Sample	6010	7440-39-3	Barium	140		0.94	mg/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8260	71-43-2	Benzene	3	U	3	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8270	56-55-3	Benzo(a)anthracene	540	U	540	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8270	50-32-8	Benzo(a)pyrene	540	U	540	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8270	205-99-2	Benzo(b)fluoranthene	540	U	540	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8270	191-24-2	Benzo(g,h,i)perylene	41	J	10	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8270	207-08-9	Benzo(k)fluoranthene	540	U	540	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8270	85-68-7	Benzyl Butyl Phthalate	540	U	540	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	6010	7440-41-7	Beryllium	0.41	J	0.004	mg/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8081	319-85-7	beta-BHC	2.8	UJ	2.8	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8270	111-91-1	bis(2-Chloroethoxy)methane	540	U	540	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8270	111-44-4	bis(2-Chloroethyl)ether	540	U	540	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8270	117-81-7	bis(2-Ethylhexyl)phthalate	46	J	10	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8260	75-27-4	Bromodichloromethane	3	U	3	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8260	75-25-2	Bromoform	3	U	3	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8260	74-83-9	Bromomethane	6	U	6	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	6010	7440-43-9	Cadmium	1.4		0.005	mg/kg
RSAM1S	Sediment		11/12/2002	Field Sample	6010	7440-70-2	Calcium	12000	J	1.1	mg/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8270	86-74-8	Carbazole	540	U	540	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8260	75-15-0	Carbon Disulfide	3	U	3	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8260	56-23-5	Carbon Tetrachloride	3	U	3	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8260	108-90-7	Chlorobenzene	28		1	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8260	124-48-1	Chlorodibromomethane	3	U	3	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8260	75-00-3	Chloroethane	6	U	6	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8260	67-66-3	Chloroform	3	U	3	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8260	74-87-3	Chloromethane	6	UJ	6	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	6010	7440-47-3	Chromium	12		0.01	mg/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8270	218-01-9	Chrysene	34	J	10	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8260	10061-01-5	cis-1,3-Dichloropropene	3	U	3	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	6010	7440-48-4	Cobalt	6		0.01	mg/kg
RSAM1S	Sediment		11/12/2002	Field Sample	6010	7440-50-8	Copper	18		0.01	mg/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8151	75-99-0	Dalapon	9.9	J	120	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	680	2051-24-3	Decachlorobiphenyl	28	U	28	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8081	319-86-8	delta-BHC	2.8	UJ	2.8	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8270	53-70-3	Dibenzo(a,h)anthracene	540	U	540	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8270	132-64-9	Dibenzofuran	540	U	540	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8151	1918-00-9	Dicamba	33	U	33	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	680	O-DICHLOROBI	Dichlorobiphenyl	1.7	J	0.1	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8260	75-09-2	Dichloromethane	3	U	3	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8151	120-36-5	Dichlorprop	6.8	J	100	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8081	60-57-1	Dieldrin	5.4	UJ	5.4	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8270	84-66-2	Diethyl Phthalate	540	U	540	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8270	131-11-3	Dimethyl Phthalate	540	U	540	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8270	84-74-2	Di-n-butylphthalate	540	U	540	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8270	117-84-0	Di-n-octylphthalate	540	U	540	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8270	88-85-7	Dinoseb	540	U	540	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8081	959-98-8	Endosulfan I	2.8	UJ	2.8	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8081	33213-65-9	Endosulfan II	5.4	UJ	5.4	ug/kg
RSAM1S	Sediment		11/12/2002	Field Sample	8081	1031-07-8	Endosulfan Sulfate	5.4	UJ	5.4	ug/kg

Appendix II-B

Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5.4	UJ	5.4	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.6	J	[illegible]	[illegible]
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[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	540	U	540	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.8	UJ	2.8	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.8	UJ	2.8	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.4	J	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.8	UJ	2.8	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	15	U	15	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	540	U	540	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11	U	11	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	540	U	540	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	540	U	540	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	540	U	540	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	540	U	540	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	540	U	540	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	Lead	35	J	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		47	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	440		[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	MCPP	[illegible]	J	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	28	UJ	28	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	15	U	15	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.9	J	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	540	U	540	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13		[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	540	U	540	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	540	U	540	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	540	U	540	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	28	U	28	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	15	U	15	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1100	U	1100	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11	U	11	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.1	J	1	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	pH	7.4		1	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	48	J	10	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	540	U	540	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
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[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	540	U	540	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.6	U	1.6	[illegible]
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[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.6	UJ	1.6	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	U	3	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	Total Organic Carbon	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	U	3	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.3	J	[illegible]	[illegible]
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[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6	U	6	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	Xylenes, Total	9.4		11	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	Zinc	390	J	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.3	U	3.3	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.3	U	3.3	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.3	U	3.3	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.3	U	3.3	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.3	U	3.3	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	540	U	540	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	44	J	[illegible]	[illegible]
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[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6.7	U	6.7	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.3	U	3.3	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	540	U	540	[illegible]

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
R3AU1S	Sediment		11/13/2002	Field Sample	8270	106-46-7	1,4-Dichlorobenzene	540	U	540	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8270	108-60-1	2,2'-Oxybis(1-Chloropropane) (bis-2-Chloroisopropyl ether)	540	U	540	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8151	93-76-5	2,4,5-T	14	U	14	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8151	93-72-1	2,4,5-TP (Silvex)	14	U	14	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8270	95-95-4	2,4,5-Trichlorophenol	540	U	540	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8270	88-06-2	2,4,6-Trichlorophenol	540	U	540	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8151	94-75-7	2,4-D	14	UJ	14	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8151	94-82-6	2,4-DB	14	U	14	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8270	120-83-2	2,4-Dichlorophenol	540	U	540	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8270	105-67-9	2,4-Dimethylphenol	540	U	540	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8270	51-28-5	2,4-Dinitrophenol	2800	U	2800	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8270	121-14-2	2,4-Dinitrotoluene	540	U	540	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8270	606-20-2	2,6-Dinitrotoluene	540	U	540	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8260	78-93-3	2-Butanone (MEK)	17	U	17	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8270	91-58-7	2-Chloronaphthalene	540	U	540	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8270	95-57-8	2-Chlorophenol	540	U	540	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8270	91-57-6	2-Methylnaphthalene	540	U	540	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8270	95-48-7	2-Methylphenol (o-Cresol)	540	U	540	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8270	88-74-4	2-Nitroaniline	2800	U	2800	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8270	88-75-5	2-Nitrophenol	540	U	540	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8270	91-94-1	3,3'-Dichlorobenzidine	1100	U	1100	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8270	106-44-5	3-Methylphenol/4-Methylphenol (m&p-Cresol)	540	U	540	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8270	99-09-2	3-Nitroaniline	2800	U	2800	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8081	72-54-8	4,4'-DDD	5.4	U	5.4	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8081	72-55-9	4,4'-DDE	5.4	U	5.4	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8081	50-29-3	4,4'-DDT	3.3	J	0.1	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8270	534-52-1	4,6-Dinitro-2-methylphenol	2800	U	2800	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8270	101-55-3	4-Bromophenyl Phenyl Ether	540	U	540	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8270	59-50-7	4-Chloro-3-methylphenol	540	U	540	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8270	7005-72-3	4-Chlorophenyl Phenyl Ether	540	U	540	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8260	108-10-1	4-Methyl-2-pentanone (MIBK)	17	U	17	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8270	100-02-7	4-Nitrophenol	2800	U	2800	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8270	83-32-9	Acenaphthene	540	U	540	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8270	208-96-8	Acenaphthylene	540	U	540	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8260	67-64-1	Acetone	33	U	33	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8081	309-00-2	Aldrin	2.8	U	2.8	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8081	319-84-6	alpha-BHC	2.8	U	2.8	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8081	5103-71-9	alpha-Chlordane	2.8	U	2.8	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	6010	7429-90-5	Aluminum	5800	J	0.02	mg/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8270	120-12-7	Anthracene	540	U	540	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	6010	7440-36-0	Antimony	3.3	U	3.3	mg/kg
R3AU1S	Sediment		11/13/2002	Field Sample	6010	7440-38-2	Arsenic	3.9		0.01	mg/kg
R3AU1S	Sediment		11/13/2002	Field Sample	6010	7440-39-3	Barium	170		0.94	mg/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8260	71-43-2	Benzene	49		1	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8270	56-55-3	Benzo(a)anthracene	540	U	540	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8270	50-32-8	Benzo(a)pyrene	64	J	10	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8270	205-99-2	Benzo(b)fluoranthene	540	U	540	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8270	191-24-2	Benzo(g,h,i)perylene	540	U	540	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8270	207-08-9	Benzo(k)fluoranthene	60	J	10	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8270	85-68-7	Benzyl Butyl Phthalate	540	U	540	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	6010	7440-41-7	Beryllium	0.5	J	0.004	mg/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8081	319-85-7	beta-BHC	2.8	U	2.8	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8270	111-91-1	bis(2-Chloroethoxy)methane	540	U	540	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8270	111-44-4	bis(2-Chloroethyl)ether	540	U	540	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8270	117-81-7	bis(2-Ethylhexyl)phthalate	95	J	10	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8260	75-27-4	Bromodichloromethane	3.3	U	3.3	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8260	75-25-2	Bromoform	3.3	U	3.3	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8260	74-83-9	Bromomethane	6.7	U	6.7	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	6010	7440-43-9	Cadmium	1.1		0.005	mg/kg
R3AU1S	Sediment		11/13/2002	Field Sample	6010	7440-70-2	Calcium	10000	J	1.1	mg/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8270	86-74-8	Carbazole	540	U	540	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8260	75-15-0	Carbon Disulfide	3.3	U	3.3	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8260	56-23-5	Carbon Tetrachloride	3.3	U	3.3	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8260	108-90-7	Chlorobenzene	5000		1	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8260	124-48-1	Chlorodibromomethane	3.3	U	3.3	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8260	75-00-3	Chloroethane	6.7	U	6.7	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8260	67-66-3	Chloroform	3.3	U	3.3	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8260	74-87-3	Chloromethane	6.7	UJ	6.7	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	6010	7440-47-3	Chromium	11		0.01	mg/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8270	218-01-9	Chrysene	28	J	10	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8260	10061-01-5	cis-1,3-Dichloropropene	3.3	U	3.3	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	6010	7440-48-4	Cobalt	5.9		0.01	mg/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Copper	12		0.01	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dioxin	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dimethylphenol	38	U	38	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Indo-BIC	2.8	U	2.8	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	U	340	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	U	340	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	38	U	38	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-DICHLOROB	Dichlorobenzyl	5.4	U	5.4	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	3.3	U	3.3	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	180	U	180	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	5.4	U	5.4	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Diethyl Phthalate	340	U	340	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dimethyl Phthalate	340	U	340	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	U	340	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	U	340	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	340	UJ	340	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.8	U	2.8	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	5.4	U	5.4	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	5.4	U	5.4	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Ethylbenzene	2.3	J	0.65	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Fluoranthene	47	J	18	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Fluorene	340	U	340	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	gamma-BHC (Lindane)	2.8	U	2.8	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	gamma-Chlordane	1	J	0.65	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Heptachlor	2.8	U	2.8	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Heptachlor Epoxide	0.34	J	0.65	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-HEPTACLOR	Heptachlorobenzyl	16	U	16	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Hexachlorobenzene	340	U	340	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-HEXACHLORO	Hexachlorobenzyl	11	U	11	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Hexachlorobutadiene	340	U	340	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Hexachlorocyclopentadiene	340	U	340	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Hexachloroethane	340	U	340	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Indeno(1,2,3-cd)pyrene	340	U	340	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Iron	[illegible]		0.65	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Isophorone	340	U	340	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Lead	47	J	0.65	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Magnesium	[illegible]		47	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Manganese	340		0.01	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	MCPP	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Mercury	0.05		0.007	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Methoxychlor	28	UJ	28	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Methyl-2-Nitrobenzene	17	U	17	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-METHOXYCLORO	Methoxychlorobenzyl	1.2	J	0.1	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Naphthalene	340	U	340	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Nickel	13		0.04	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Nitrobenzene	340	U	340	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	N-Nitroso-di-n-propylamine	340	U	340	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	N-Nitrosodiphenylamine	340	U	340	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-NONACHLORO	Nonachlorobenzyl	28	U	28	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-OCTACHLORE	Octachlorobenzyl	16	U	16	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	P-Chloroaniline	[illegible]		[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-PENTACRES	Pentachlorobenzyl	11	U	11	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Pentachlorophenol	1.4	J	1	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	PH	pH	7.3		1	units
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Phenanthrene	340	U	340	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Phenol	340	U	340	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	P-Phenylene	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Potassium	[illegible]		51	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Pyrene	340	U	340	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Selenium	1.5	U	1.5	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Silver	1.5	UJ	1.5	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Sodium	[illegible]		[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Styrene (Ethenyl)	3.3	U	3.3	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-TETRACLOR	Tetrachlorobenzyl	11	U	11	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Tetrachloroethene	3.3	U	3.3	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Thallium	1.5	U	1.5	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Toluene	11		1	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Total Organic Carbon	[illegible]		[illegible]	mg/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
R3AU1S	Sediment		11/13/2002	Field Sample	8081	8001-35-2	Toxaphene	280	U	280	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8260	10061-02-6	trans-1,3-Dichloropropene	3.3	U	3.3	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	680	C-TRICHLOROB	Trichlorobiphenyl	1.2	J	0.1	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8260	79-01-6	Trichloroethylene	3.3	U	3.3	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	6010	7440-62-2	Vanadium	16		0.01	mg/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8260	75-01-4	Vinyl chloride	6.7	U	6.7	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	8260	1330-20-7	Xylenes, Total	7.6		11	ug/kg
R3AU1S	Sediment		11/13/2002	Field Sample	6010	7440-66-6	Zinc	310		0.02	mg/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8260	71-55-6	1,1,1-Trichloroethane	2.7	U	2.7	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8260	79-34-5	1,1,2,2-Tetrachloroethane	2.7	U	2.7	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8260	79-00-5	1,1,2-Trichloroethane	2.7	U	2.7	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8260	75-34-3	1,1-Dichloroethane	2.7	U	2.7	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8260	75-35-4	1,1-Dichloroethylene	2.7	U	2.7	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8270	120-82-1	1,2,4-Trichlorobenzene	380	U	380	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8270	95-50-1	1,2-Dichlorobenzene	380	U	380	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8260	107-06-2	1,2-Dichloroethane	2.7	U	2.7	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8260	540-59-0	1,2-Dichloroethene (total)	5.3	U	5.3	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8260	78-87-5	1,2-Dichloropropane	2.7	U	2.7	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8270	541-73-1	1,3-Dichlorobenzene	380	U	380	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8270	106-46-7	1,4-Dichlorobenzene	380	U	380	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8270	108-60-1	2,2'-Oxybis(1-Chloropropane) (bis-2-Chloroisopropyl ether)	380	U	380	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8151	93-76-5	2,4,5-T	9.5	U	9.5	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8151	93-72-1	2,4,5-TP (Silvex)	9.5	U	9.5	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8270	95-95-4	2,4,5-Trichlorophenol	380	U	380	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8270	88-06-2	2,4,6-Trichlorophenol	380	U	380	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8151	94-75-7	2,4-D	9.5	UJ	9.5	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8151	94-82-6	2,4-DB	9.5	U	9.5	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8270	120-83-2	2,4-Dichlorophenol	380	U	380	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8270	105-67-9	2,4-Dimethylphenol	380	U	380	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8270	51-28-5	2,4-Dinitrophenol	2000	U	2000	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8270	121-14-2	2,4-Dinitrotoluene	380	U	380	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8270	606-20-2	2,6-Dinitrotoluene	380	U	380	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8260	78-93-3	2-Butanone (MEK)	13	U	13	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8270	91-58-7	2-Chloronaphthalene	380	U	380	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8270	95-57-8	2-Chlorophenol	380	U	380	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8270	91-57-6	2-Methylnaphthalene	380	U	380	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8270	95-48-7	2-Methylphenol (o-Cresol)	380	U	380	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8270	88-74-4	2-Nitroaniline	2000	U	2000	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8270	88-75-5	2-Nitrophenol	380	U	380	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8270	91-94-1	3,3'-Dichlorobenzidine	760	U	760	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8270	106-44-5	3-Methylphenol/4-Methylphenol (m&p-Cresol)	380	U	380	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8270	99-09-2	3-Nitroaniline	2000	U	2000	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8081	72-54-8	4,4'-DDD	3.8	U	3.8	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8081	72-55-9	4,4'-DDE	3.8	U	3.8	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8081	50-29-3	4,4'-DDT	3.8	U	3.8	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8270	534-52-1	4,6-Dinitro-2-methylphenol	2000	U	2000	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8270	101-55-3	4-Bromophenyl Phenyl Ether	380	U	380	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8270	59-50-7	4-Chloro-3-methylphenol	380	U	380	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8270	7005-72-3	4-Chlorophenyl Phenyl Ether	380	U	380	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8260	108-10-1	4-Methyl-2-pentanone (MIBK)	13	U	13	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8270	100-02-7	4-Nitrophenol	2000	U	2000	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8270	83-32-9	Acenaphthene	380	U	380	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8270	208-96-8	Acenaphthylene	380	U	380	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8260	67-64-1	Acetone	3.6	J	18	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8081	309-00-2	Aldrin	2	U	2	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8081	319-84-6	alpha-BHC	2	U	2	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8081	5103-71-9	alpha-Chlordane	2	U	2	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	6010	7429-90-5	Aluminum	760		0.02	mg/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8270	120-12-7	Anthracene	380	U	380	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	6010	7440-36-0	Antimony	2.1	UJ	2.1	mg/kg
R3BD1S	Sediment		11/12/2002	Field Sample	6010	7440-38-2	Arsenic	1.4	J	0.01	mg/kg
R3BD1S	Sediment		11/12/2002	Field Sample	6010	7440-39-3	Barium	28		0.94	mg/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8260	71-43-2	Benzene	2.7	U	2.7	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8270	56-55-3	Benzo(a)anthracene	380	U	380	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8270	50-32-8	Benzo(a)pyrene	380	U	380	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8270	205-99-2	Benzo(b)fluoranthene	380	U	380	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8270	191-24-2	Benzo(g,h,i)perylene	380	U	380	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8270	207-08-9	Benzo(k)fluoranthene	380	U	380	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8270	85-68-7	Benzyl Butyl Phthalate	380	U	380	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	6010	7440-41-7	Beryllium	0.053	J	0.004	mg/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8081	319-85-7	beta-BHC	2	U	2	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8270	111-91-1	bis(2-Chloroethoxy)methane	380	U	380	ug/kg

Parent Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
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[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	27	U	27	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	27	U	27	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	53	U	53	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	J	[illegible]	[illegible]
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[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	27	U	27	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	27	U	27	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	27	U	27	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	27	U	27	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	53	U	53	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	27	U	27	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	53	U	53	[illegible]
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[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2	U	2	[illegible]
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[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
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[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
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[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
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[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
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Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
R3BD1S	Sediment		11/12/2002	Field Sample	680	C-OCTA-BIPHE	Octachlorobiphenyl	11	U	11	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8270	106-47-8	P-Chloroaniline	760	U	760	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	680	C-PENTBIPHEN	Pentachlorobiphenyl	7.7	U	7.7	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8151	87-86-5	Pentachlorophenol	20	U	20	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	9045	PH	pH	8.5		1	units
R3BD1S	Sediment		11/12/2002	Field Sample	8270	85-01-8	Phenanthrene	380	U	380	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8270	108-95-2	Phenol	380	U	380	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8270	100-01-6	P-Nitroaniline	2000	U	2000	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	6010	7440-09-7	Potassium	140		94	mg/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8270	129-00-0	Pyrene	380	U	380	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	6010	7782-49-2	Selenium	1	U	1	mg/kg
R3BD1S	Sediment		11/12/2002	Field Sample	6010	7440-22-4	Silver	1	U	1	mg/kg
R3BD1S	Sediment		11/12/2002	Field Sample	6010	7440-23-5	Sodium	92	U	92	mg/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8260	100-42-5	Styrene (Monomer)	2.7	U	2.7	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	680	C-TETRACHLOR	Tetrachlorobiphenyl	7.7	U	7.7	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8260	127-18-4	Tetrachloroethene	2.7	U	2.7	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	6010	7440-28-0	Thallium	1	UJ	1	mg/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8260	108-88-3	Toluene	2.7	U	2.7	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	9060	E-10195	Total Organic Carbon	500	U	500	mg/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8081	8001-35-2	Toxaphene	200	U	200	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8260	10061-02-6	trans-1,3-Dichloropropene	2.7	U	2.7	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	680	C-TRICHLOROB	Trichlorobiphenyl	3.8	U	3.8	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8260	79-01-6	Trichloroethylene	2.7	U	2.7	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	6010	7440-62-2	Vanadium	5.4		0.01	mg/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8260	75-01-4	Vinyl chloride	5.3	U	5.3	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	8260	1330-20-7	Xylenes, Total	9.8		11	ug/kg
R3BD1S	Sediment		11/12/2002	Field Sample	6010	7440-66-6	Zinc	87	J	0.02	mg/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8260	71-55-6	1,1,1-Trichloroethane	5.1	U	5.1	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8260	79-34-5	1,1,2,2-Tetrachloroethane	5.1	U	5.1	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8260	79-00-5	1,1,2-Trichloroethane	5.1	U	5.1	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8260	75-34-3	1,1-Dichloroethane	5.1	U	5.1	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8260	75-35-4	1,1-Dichloroethylene	5.1	U	5.1	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	0.055		0.0011	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8290	67562-39-4	1,2,3,4,6,7,8-HpCDF	0.0077		0.00039	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8290	55673-89-7	1,2,3,4,7,8,9-HpCDF	0.0015	U	0.0015	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.0014	U	0.0014	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8290	70648-26-9	1,2,3,4,7,8-HxCDF	0.00094	U	0.00094	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	0.002	U	0.002	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8290	57117-44-9	1,2,3,6,7,8-HxCDF	0.00054	UJ	0.00054	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.0015	U	0.0015	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8290	72918-21-9	1,2,3,7,8,9-HxCDF	0.00081	U	0.00081	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.0014	UJ	0.0014	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.0022	UJ	0.0022	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8270	120-82-1	1,2,4-Trichlorobenzene	770	U	770	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8270	95-50-1	1,2-Dichlorobenzene	330	J	10	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8260	107-06-2	1,2-Dichloroethane	5.1	U	5.1	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8260	540-59-0	1,2-Dichloroethene (total)	10	U	10	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8260	78-87-5	1,2-Dichloropropane	5.1	U	5.1	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8270	541-73-1	1,3-Dichlorobenzene	770	U	770	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8270	106-46-7	1,4-Dichlorobenzene	740	J	10	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8270	108-60-1	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	770	U	770	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8290	60851-34-5	2,3,4,6,7,8-HxCDF	0.00086	U	0.00086	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8290	57117-31-4	2,3,4,7,8-PeCDF	0.0014	UJ	0.0014	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8290	1746-01-6	2,3,7,8-TCDD	0.00094	U	0.00094	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.0011	J	0.00021	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8151	93-76-5	2,4,5-T	19	U	19	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8151	93-72-1	2,4,5-TP (Silvex)	19	U	19	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8270	95-95-4	2,4,5-Trichlorophenol	770	U	770	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8270	88-06-2	2,4,6-Trichlorophenol	770	U	770	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8151	94-75-7	2,4-D	19	UJ	19	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8151	94-82-6	2,4-DB	19	U	19	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8270	120-83-2	2,4-Dichlorophenol	770	U	770	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8270	105-67-9	2,4-Dimethylphenol	770	U	770	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8270	51-28-5	2,4-Dinitrophenol	4000	U	4000	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8270	121-14-2	2,4-Dinitrotoluene	770	U	770	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8270	606-20-2	2,6-Dinitrotoluene	770	U	770	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8260	78-93-3	2-Butanone (MEK)	25	U	25	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8270	91-58-7	2-Chloronaphthalene	770	U	770	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8270	95-57-8	2-Chlorophenol	770	U	770	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8270	91-57-6	2-Methylnaphthalene	770	U	770	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8270	95-48-7	2-Methylphenol (o-Cresol)	770	U	770	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8270	88-74-4	2-Nitroaniline	4000	U	4000	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Media	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	770	U	770	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	770	U	770	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,4-DDD	1.2	J	0.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,4-DDE	4.9	J	0.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,4-DDT	7.7	UJ	7.7	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	770	U	770	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	770	U	770	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	770	U	770	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	25	U	25	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	770	U	770	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	770	U	770	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	7.9	J	10	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	4	U	4	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	4	U	4	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	1.1	J	0.65	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]		0.62	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	J	10	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	4.2	[illegible]	4.2	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	5.1		0.61	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.9		0.24	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	71-43-2	[illegible]	34		1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	9	J	10	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	12	J	10	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	15	J	10	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	19	J	10	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	18	J	10	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Butyl Benzyl Phthalate	770	U	770	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chrysene	0.55	J	0.001	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	beta-BHC	0.67	J	0.65	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	bis(2-Chloroethyl)ether	770	U	770	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	bis(2-Chloroethyl)ether	770	U	770	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	bis(2-Ethylhexyl)phthalate	18	J	10	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Bromodichloromethane	5.1	U	5.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Bromoform	5.1	U	5.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Bromomethane	10	U	10	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Cadmium	1	J	0.005	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Calcium	[illegible]	J	1.3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Carbazole	770	U	770	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Carbon Disulfide	5.1	U	5.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Carbon Tetrachloride	5.1	U	5.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chromium	[illegible]		1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chlorobenzene	5.1	U	5.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chloroform	10	U	10	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chloroform	5.1	U	5.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chloromethane	10	UJ	10	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chromium	15		0.01	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chrysene	12	J	10	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	cis-1,3-Dichloropropene	5.1	U	5.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Cobalt	7.3		0.01	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Copper	10		0.01	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Cyanide	0.7	J	10	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dibenzofuran	40	U	40	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	delta-BHC	0.22	J	0.65	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dibenzo(a,h)anthracene	770	U	770	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dibenzofuran	770	U	770	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dieldrin	45	U	45	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-SOIL0003	Diethylphenol	14		0.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Diethylamine	5.1	U	5.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Diethyl ether	20	U	20	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Diethyl	7.7	U	7.7	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Diethyl Phthalate	770	U	770	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Diethyl Phthalate	770	U	770	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Di-n-butylphthalate	770	U	770	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Di-n-octylphthalate	770	U	770	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dimethoate	770	U	770	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endosulfan I	1	J	0.65	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endosulfan II	7.7	U	7.7	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endosulfan Sulfate	7.7	U	7.7	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
R3BM1S	Sediment		11/12/2002	Field Sample	8081	72-20-8	Endrin	7.7	U	7.7	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8081	7421-93-4	Endrin Aldehyde	4.1	J	0.1	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8081	53494-70-5	Endrin Ketone	1.2	J	0.1	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8260	100-41-4	Ethylbenzene	5.1	U	5.1	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8270	206-44-0	Fluoranthene	160	J	10	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8270	86-73-7	Fluorene	770	U	770	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8081	58-89-9	gamma-BHC (Lindane)	4	U	4	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8081	5103-74-2	gamma-Chlordane	3	J	0.05	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8081	76-44-8	Heptachlor	0.98	J	0.05	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8081	1024-57-3	Heptachlor Epoxide	11		0.05	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	680	C-HEPTACHLOR	Heptachlorobiphenyl	23	U	23	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8270	118-74-1	Hexachlorobenzene	770	U	770	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	680	C-HEXACHLORO	Hexachlorobiphenyl	16	U	16	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8270	87-68-3	Hexachlorobutadiene	770	U	770	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8270	77-47-4	Hexachlorocyclopentadiene	770	U	770	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8270	67-72-1	Hexachloroethane	770	U	770	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8270	193-39-5	Indeno(1,2,3-cd)pyrene	770	U	770	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	6010	7439-89-6	Iron	18000		0.05	mg/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8270	78-59-1	Isophorone	770	U	770	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	6010	7439-92-1	Lead	43	J	0.005	mg/kg
R3BM1S	Sediment		11/12/2002	Field Sample	6010	7439-95-4	Magnesium	4600		47	mg/kg
R3BM1S	Sediment		11/12/2002	Field Sample	6010	7439-96-5	Manganese	430		0.01	mg/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8151	94-74-6	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	380	J	120	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8151	93-65-2	MCPP	2500	J	120	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	7471	7439-97-6	Mercury	0.057		0.017	mg/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8081	72-43-5	Methoxychlor	40	UJ	40	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8260	591-78-6	Methyl N-Butyl Ketone	25	U	25	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	680	C-MONOCHLORO	Monochlorobiphenyl	29		0.1	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8270	91-20-3	Naphthalene	770	U	770	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	6010	7440-02-0	Nickel	17		0.04	mg/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8270	98-95-3	Nitrobenzene	770	U	770	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8270	621-64-7	N-Nitroso-di-n-propylamine	770	U	770	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8270	86-30-6	N-Nitrosodiphenylamine	770	U	770	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	680	C-NONACHLORO	Nonachlorobiphenyl	12	J	0.5	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8290	3268-87-9	OCDD	1.8		0.000033	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8290	39001-02-0	OCDF	0.036		0.0006	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	680	C-OCTA-BIPHE	Octachlorobiphenyl	23	U	23	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8270	106-47-8	P-Chloroaniline	1500	U	1500	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	680	C-PENTBIPHEN	Pentachlorobiphenyl	4.4	J	0.2	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8151	87-86-5	Pentachlorophenol	3.6	J	1	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	D2216-9	MOIST	Percent Moisture	30.1		0.1	percent
R3BM1S	Sediment		11/12/2002	Field Sample	9045	PH	pH	7.7		1	units
R3BM1S	Sediment		11/12/2002	Field Sample	8270	85-01-8	Phenanthrene	72	J	10	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8270	108-95-2	Phenol	770	U	770	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8270	100-01-6	P-Nitroaniline	4000	U	4000	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	6010	7440-09-7	Potassium	1000		94	mg/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8270	129-00-0	Pyrene	150	J	10	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	6010	7782-49-2	Selenium	2.1	U	2.1	mg/kg
R3BM1S	Sediment		11/12/2002	Field Sample	6010	7440-22-4	Silver	2.1	U	2.1	mg/kg
R3BM1S	Sediment		11/12/2002	Field Sample	6010	7440-23-5	Sodium	280	J	100	mg/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8260	100-42-5	Styrene (Monomer)	5.1	U	5.1	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	680	C-TETRACHLOR	Tetrachlorobiphenyl	16	U	16	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8260	127-18-4	Tetrachloroethene	5.1	U	5.1	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	6010	7440-28-0	Thallium	2.1	UJ	2.1	mg/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8260	108-88-3	Toluene	5.1	U	5.1	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8290	37871-00-4	Total HpCDD	0.13		0.0011	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8290	38998-75-3	Total HpCDF	0.029		0.00042	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8290	34465-46-8	Total HxCDD	0.015		0.0011	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8290	55684-94-1	Total HxCDF	0.0046		0.00039	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	9060	E-10195	Total Organic Carbon	19000		500	mg/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8290	36088-22-9	Total PeCDD	0.0022	UJ	0.0022	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8290	30402-15-4	Total PeCDF	0.0047	J	0.00015	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8290	41903-57-5	Total TCDD	0.012		0.00013	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8290	55722-27-5	Total TCDF	0.016	J	0.00021	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8081	8001-35-2	Toxaphene	400	U	400	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8260	10061-02-6	trans-1,3-Dichloropropene	5.1	U	5.1	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	680	C-TRICHLOROB	Trichlorobiphenyl	10		0.1	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8260	79-01-6	Trichloroethylene	5.1	U	5.1	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	6010	7440-62-2	Vanadium	20		0.01	mg/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8260	75-01-4	Vinyl chloride	10	U	10	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	8260	1330-20-7	Xylenes, Total	19		11	ug/kg
R3BM1S	Sediment		11/12/2002	Field Sample	6010	7440-66-6	Zinc	180	J	0.02	mg/kg

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,1,1-Trichloroethane	22	U	22	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,1,2,2-Tetrachloroethane	22	U	22	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,1,2-Trichloroethane	22	U	22	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,1-Dichloroethane	22	U	22	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,1-Dichloroethylene	22	U	22	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,2,4-Trichlorobenzene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,2-Dichlorobenzene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,2-Dichloroethane	22	U	22	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,2-Dichloroethane (total)	4.5	U	4.5	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,2-Dichloropropane	22	U	22	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,3-Dichlorobenzene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,4-Dichlorobenzene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-Dichlorophenol (+2-Chlorophenol and 4-Chloro-3-Methylphenol)	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4,5-T	18	U	18	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4,5-TP (Silvex)	18	U	18	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4,6-Trichlorophenol	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4,6-Trichlorophenol	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-D	18	[illegible]	18	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-DB	18	U	18	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-Dichlorophenol	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-Dimethylphenol	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-Dinitrophenol	2200	U	2200	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-Dinitrotoluene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,6-Dinitrotoluene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Acetone (MEK)	11	U	11	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Chloronaphthalene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Chlorophenol	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Methylnaphthalene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Methylphenol (o-Cresol)	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Nitroaniline	2200	U	2200	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Nitrophenol	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	3,3'-Dichlorobenzidine	880	U	880	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	3-Methylcresol/4-Methylphenol (m/p-Cresol)	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	3-Nitroaniline	2200	U	2200	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,4'-DDD	4.1	U	4.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,4'-DDE	4.1	U	4.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,4'-DDT	4.1	UJ	4.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,6-Dinitro-2-methylphenol	2200	U	2200	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Bromophenyl Phenyl Ether	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Chloro-3-methylphenol	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Chlorophenyl Phenyl Ether	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Methyl-2-pentanone (MIBK)	11	U	11	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Nitrophenol	2200	U	2200	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Acenaphthene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Acenaphthylene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Acetone	5.1	J	18	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Aldrin	2.1	U	2.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	alpha-BHC	2.1	U	2.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	alpha-Chlordane	2.1	U	2.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Aluminum	[illegible]	J	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Anthracene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Antimony	2.5	U	2.5	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Arsenic	1.8		[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Barium	35		[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Beryllium	4.8		1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo(a)anthracene	[illegible]	J	18	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo(a)pyrene	[illegible]	J	18	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo(b)fluoranthene	[illegible]	J	18	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo(g,h,i)perylene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo(k)fluoranthene	72	J	18	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzyl Butyl Phthalate	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Beryllium	0.5	U	0.5	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	beta-BHC	2.1	U	2.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	bis(2-Chloroethoxy)methane	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	bis(2-Chloroethyl)ether	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	bis(2-Ethylhexyl)phthalate	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Bromodichloromethane	22	U	22	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Bromoform	22	U	22	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Bromomethane	4.5	U	4.5	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Cadmium	0.57	[illegible]	0.57	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Calcium	[illegible]	J	1.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Carbazole	440	U	440	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
R3BU1S	Sediment		11/13/2002	Field Sample	8260	75-15-0	Carbon Disulfide	2.2	U	2.2	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8260	56-23-5	Carbon Tetrachloride	2.2	U	2.2	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8260	108-90-7	Chlorobenzene	1300		1	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8260	124-48-1	Chlorodibromomethane	2.2	U	2.2	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8260	75-00-3	Chloroethane	4.5	U	4.5	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8260	67-66-3	Chloroform	2.2	U	2.2	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8260	74-87-3	Chloromethane	4.5	UJ	4.5	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	6010	7440-47-3	Chromium	4.3		0.01	mg/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8270	218-01-9	Chrysene	35	J	10	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8260	10061-01-5	cis-1,3-Dichloropropene	2.2	U	2.2	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	6010	7440-48-4	Cobalt	3.3		0.01	mg/kg
R3BU1S	Sediment		11/13/2002	Field Sample	6010	7440-50-8	Copper	2.3	J	0.01	mg/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8151	75-99-0	Dalapon	2500	R	2500	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	680	2051-24-3	Decachlorobiphenyl	21	U	21	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8081	319-86-8	delta-BHC	2.1	U	2.1	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8270	53-70-3	Dibenzo(a,h)anthracene	410	U	410	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8270	132-64-9	Dibenzofuran	410	U	410	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8151	1918-00-9	Dicamba	25	U	25	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	680	C-DICHLOROBI	Dichlorobiphenyl	4.1	U	4.1	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8260	75-09-2	Dichloromethane	2.2	U	2.2	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8151	120-36-5	Dichlorprop	120	U	120	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8081	60-57-1	Dieldrin	4.1	U	4.1	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8270	84-66-2	Diethyl Phthalate	410	U	410	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8270	131-11-3	Dimethyl Phthalate	410	U	410	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8270	84-74-2	Di-n-butylphthalate	410	U	410	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8270	117-84-0	Di-n-octylphthalate	41	J	10	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8270	88-85-7	Dinoseb	410	UJ	410	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8081	959-98-8	Endosulfan I	2.1	U	2.1	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8081	33213-65-9	Endosulfan II	4.1	U	4.1	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8081	1031-07-8	Endosulfan Sulfate	4.1	U	4.1	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8081	72-20-8	Endrin	4.1	U	4.1	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8081	7421-93-4	Endrin Aldehyde	4.1	U	4.1	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8081	53494-70-5	Endrin Ketone	4.1	U	4.1	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8260	100-41-4	Ethylbenzene	1.3	J	0.83	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8270	206-44-0	Fluoranthene	410	U	410	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8270	86-73-7	Fluorene	410	U	410	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8081	58-89-9	gamma-BHC (Lindane)	2.1	U	2.1	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8081	5103-74-2	gamma-Chlordane	0.54	J	0.05	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8081	76-44-8	Heptachlor	0.43	J	0.05	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8081	1024-57-3	Heptachlor Epoxide	2.1	U	2.1	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	680	C-HEPTACHLOR	Heptachlorobiphenyl	12	U	12	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8270	118-74-1	Hexachlorobenzene	410	U	410	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	680	C-HEXACHLORO	Hexachlorobiphenyl	8.4	U	8.4	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8270	87-68-3	Hexachlorobutadiene	410	U	410	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8270	77-47-4	Hexachlorocyclopentadiene	410	U	410	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8270	67-72-1	Hexachloroethane	410	U	410	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8270	193-39-5	Indeno(1,2,3-cd)pyrene	410	U	410	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	6010	7439-89-6	Iron	4800		0.05	mg/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8270	78-59-1	Isophorone	410	U	410	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	6010	7439-92-1	Lead	7	J	0.005	mg/kg
R3BU1S	Sediment		11/13/2002	Field Sample	6010	7439-95-4	Magnesium	1000		47	mg/kg
R3BU1S	Sediment		11/13/2002	Field Sample	6010	7439-96-5	Manganese	130		0.01	mg/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8151	94-74-6	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	2500	U	2500	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8151	93-65-2	MCPP	2500	U	2500	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	7471	7439-97-6	Mercury	0.0048	J	0.017	mg/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8081	72-43-5	Methoxychlor	21	UJ	21	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8260	591-78-6	Methyl N-Butyl Ketone	11	U	11	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	680	C-MONOCHLORO	Monochlorobiphenyl	4.1	U	4.1	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8270	91-20-3	Naphthalene	410	U	410	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	6010	7440-02-0	Nickel	6.9		0.04	mg/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8270	98-95-3	Nitrobenzene	410	U	410	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8270	621-64-7	N-Nitroso-di-n-propylamine	410	U	410	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8270	86-30-6	N-Nitrosodiphenylamine	410	U	410	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	680	C-NONACHLORO	Nonachlorobiphenyl	21	U	21	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	680	C-OCTA-BIPHE	Octachlorobiphenyl	12	U	12	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8270	106-47-8	P-Chloroaniline	1400		1000	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	680	C-PENTBIPHEN	Pentachlorobiphenyl	8.4	U	8.4	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8151	87-86-5	Pentachlorophenol	1.6	J	1	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	9045	PH	pH	7.2		1	units
R3BU1S	Sediment		11/13/2002	Field Sample	8270	85-01-8	Phenanthrene	410	U	410	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8270	108-95-2	Phenol	410	U	410	ug/kg
R3BU1S	Sediment		11/13/2002	Field Sample	8270	100-01-6	P-Nitroaniline	2100	U	2100	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Saugat Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	30		30	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	40	U	40	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	1.1	U	1.1	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	1.1	[illegible]	1.1	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	47	J	100	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	22	U	22	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-METAXOLOR	[illegible]	8.4	U	8.4	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	22	U	22	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	1.1	U	1.1	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	1.5	J	1	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Total Organic Carbon	[illegible]		[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	20	U	20	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	22	U	22	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-PROPOXOR	[illegible]	4.1	U	4.1	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	22	U	22	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	5.8		[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	4.5	U	4.5	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Xylenes, Total	5.9		11	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Zinc	25		[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,1,1-[illegible]	23	U	23	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,1,2,2-[illegible]	23	U	23	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,1,2-[illegible]	23	U	23	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,1-[illegible]	23	U	23	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,1-[illegible]	23	U	23	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,2,4-[illegible]	30	U	30	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,2-[illegible]	30	U	30	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,3-[illegible]	23	U	23	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,3-[illegible] (total)	5.7	U	5.7	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,3-[illegible]	23	U	23	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,3-[illegible]	30	U	30	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,4-[illegible]	30	U	30	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,3-Dichloro-1,4-naphthoquinone (dichlone)	30	U	30	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4,5-T	8.6	U	8.6	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4,5-TP (Silvex)	8.6	U	8.6	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4,6-[illegible]	30	U	30	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4,6-[illegible]	30	U	30	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-D	8.6	UJ	8.6	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-DB	8.6	U	8.6	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-[illegible]	30	U	30	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-[illegible]	30	U	30	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-[illegible]	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-[illegible]	30	U	30	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,6-[illegible]	30	U	30	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Acetamidofluorene (2-AAF)	14	U	14	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Chloronaphthalene	30	U	30	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Chlorophenol	30	U	30	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Methylnaphthalene	30	U	30	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Methylphenol (p-Cresol)	30	U	30	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Nitroaniline	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Nitrophenol	30	U	30	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	3,3'-[illegible]	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	3-Methylcholanthrene (3-Methylphenol (p-Cresol))	30	U	30	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	3-Nitroaniline	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,4'-DDD	3.4	U	3.4	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,4'-DDE	3.4	U	3.4	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,4'-DDT	3.4	U	3.4	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,6-Dinitro-2-methylphenol	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Bromophenyl Phenyl Ether	30	U	30	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Chloro-3-methylphenol	30	U	30	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Chlorophenyl Phenyl Ether	30	U	30	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Methyl-2-pentanone (MIBK)	14	U	14	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Nitroaniline	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Acenaphthene	30	U	30	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Acenaphthylene	30	U	30	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Aniline	20	U	20	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Aldrin	1.8	U	1.8	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	alpha-BHC	1.8	U	1.8	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	alpha-Chlordane	1.8	U	1.8	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Aluminum	[illegible]	J	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Anthracene	30	U	30	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Antimony	2.1	U	2.1	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Arsenic	1		[illegible]	mg/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
R3CM1S	Sediment		11/13/2002	Field Sample	6010	7440-39-3	Barium	16		0.94	mg/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8260	71-43-2	Benzene	2.9	U	2.9	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8270	56-55-3	Benzo(a)anthracene	340	U	340	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8270	50-32-8	Benzo(a)pyrene	340	U	340	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8270	205-99-2	Benzo(b)fluoranthene	340	U	340	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8270	191-24-2	Benzo(g,h,i)perylene	340	U	340	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8270	207-08-9	Benzo(k)fluoranthene	340	U	340	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8270	85-68-7	Benzyl Butyl Phthalate	340	U	340	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	6010	7440-41-7	Beryllium	0.42	U	0.42	mg/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8081	319-85-7	beta-BHC	1.8	U	1.8	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8270	111-91-1	bis(2-Chloroethoxy)methane	340	U	340	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8270	111-44-4	bis(2-Chloroethyl)ether	340	U	340	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8270	117-81-7	bis(2-Ethylhexyl)phthalate	340	U	340	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8260	75-27-4	Bromodichloromethane	2.9	U	2.9	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8260	75-25-2	Bromoform	2.9	U	2.9	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8260	74-83-9	Bromomethane	5.7	U	5.7	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	6010	7440-43-9	Cadmium	0.47	UJ	0.47	mg/kg
R3CM1S	Sediment		11/13/2002	Field Sample	6010	7440-70-2	Calcium	1200	J	1.1	mg/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8270	86-74-8	Carbazole	340	U	340	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8260	75-15-0	Carbon Disulfide	2.9	U	2.9	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8260	56-23-5	Carbon Tetrachloride	2.9	U	2.9	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8260	108-90-7	Chlorobenzene	2.9	U	2.9	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8260	124-48-1	Chlorodibromomethane	2.9	U	2.9	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8260	75-00-3	Chloroethane	5.7	U	5.7	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8260	67-66-3	Chloroform	2.9	U	2.9	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8260	74-87-3	Chloromethane	5.7	UJ	5.7	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	6010	7440-47-3	Chromium	2.3		0.01	mg/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8270	218-01-9	Chrysene	340	U	340	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8260	10061-01-5	cis-1,3-Dichloropropene	2.9	U	2.9	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	6010	7440-48-4	Cobalt	1.9		0.01	mg/kg
R3CM1S	Sediment		11/13/2002	Field Sample	6010	7440-50-8	Copper	0.58	J	0.01	mg/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8151	75-99-0	Dalapon	2100	R	2100	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	680	2051-24-3	Decachlorobiphenyl	18	U	18	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8081	319-86-8	delta-BHC	1.8	U	1.8	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8270	53-70-3	Dibenzo(a,h)anthracene	340	U	340	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8270	132-64-9	Dibenzofuran	340	U	340	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8151	1918-00-9	Dicamba	21	U	21	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	680	C-DICHLOROBI	Dichlorobiphenyl	3.4	U	3.4	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8260	75-09-2	Dichloromethane	2.9	U	2.9	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8151	120-36-5	Dichlorprop	100	U	100	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8081	60-57-1	Dieldrin	3.4	U	3.4	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8270	84-66-2	Diethyl Phthalate	340	U	340	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8270	131-11-3	Dimethyl Phthalate	340	U	340	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8270	84-74-2	Di-n-butylphthalate	340	U	340	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8270	117-84-0	Di-n-octylphthalate	340	U	340	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8270	88-85-7	Dinoseb	340	UJ	340	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8081	959-98-8	Endosulfan I	1.8	U	1.8	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8081	33213-65-9	Endosulfan II	3.4	U	3.4	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8081	1031-07-8	Endosulfan Sulfate	3.4	U	3.4	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8081	72-20-8	Endrin	3.4	U	3.4	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8081	7421-93-4	Endrin Aldehyde	3.4	U	3.4	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8081	53494-70-5	Endrin Ketone	3.4	U	3.4	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8260	100-41-4	Ethylbenzene	1.8	J	0.83	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8270	206-44-0	Fluoranthene	340	U	340	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8270	86-73-7	Fluorene	340	U	340	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8081	58-89-9	gamma-BHC (Lindane)	1.8	U	1.8	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8081	5103-74-2	gamma-Chlordane	1.8	U	1.8	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8081	76-44-8	Heptachlor	1.8	U	1.8	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8081	1024-57-3	Heptachlor Epoxide	1.8	U	1.8	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	680	C-HEPTACHLOR	Heptachlorobiphenyl	10	U	10	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8270	118-74-1	Hexachlorobenzene	340	U	340	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	680	C-HEXACHLORO	Hexachlorobiphenyl	7	U	7	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8270	87-68-3	Hexachlorobutadiene	340	U	340	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8270	77-47-4	Hexachlorocyclopentadiene	340	U	340	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8270	67-72-1	Hexachloroethane	340	U	340	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8270	193-39-5	Indeno(1,2,3-cd)pyrene	340	U	340	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	6010	7439-89-6	Iron	2700		0.05	mg/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8270	78-59-1	Isophorone	340	U	340	ug/kg
R3CM1S	Sediment		11/13/2002	Field Sample	6010	7439-92-1	Lead	1.9	J	0.005	mg/kg
R3CM1S	Sediment		11/13/2002	Field Sample	6010	7439-95-4	Magnesium	710		47	mg/kg
R3CM1S	Sediment		11/13/2002	Field Sample	6010	7439-96-5	Manganese	210		0.01	mg/kg
R3CM1S	Sediment		11/13/2002	Field Sample	8151	94-74-6	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	2100	U	2100	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Saugat Area 2 Sites

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
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Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
RMAD1S	Sediment		11/10/2002	Field Sample	8081	72-54-8	4,4'-DDD	4.1	U	4.1	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8081	72-55-9	4,4'-DDE	4.1	U	4.1	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8081	50-29-3	4,4'-DDT	4.1	U	4.1	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8270	534-52-1	4,6-Dinitro-2-methylphenol	2100	U	2100	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8270	101-55-3	4-Bromophenyl Phenyl Ether	410	U	410	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8270	59-50-7	4-Chloro-3-methylphenol	410	U	410	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8270	7005-72-3	4-Chlorophenyl Phenyl Ether	410	U	410	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8260	108-10-1	4-Methyl-2-pentanone (MIBK)	15	U	15	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8270	100-02-7	4-Nitrophenol	2100	U	2100	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8270	83-32-9	Acenaphthene	410	U	410	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8270	208-96-8	Acenaphthylene	410	U	410	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8260	67-64-1	Acetone	3	J	15	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8081	309-00-2	Aldrin	2.1	U	2.1	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8081	319-84-6	alpha-BHC	2.1	U	2.1	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8081	5103-71-9	alpha-Chlordane	2.1	U	2.1	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	6010	7429-90-5	Aluminum	1100		0.02	mg/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8270	120-12-7	Anthracene	410	U	410	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	6010	7440-36-0	Antimony	2.5	UJ	2.5	mg/kg
RMAD1S	Sediment		11/10/2002	Field Sample	6010	7440-38-2	Arsenic	1.9		0.01	mg/kg
RMAD1S	Sediment		11/10/2002	Field Sample	6010	7440-39-3	Barium	33		0.04	mg/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8260	71-43-2	Benzene	3	U	3	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8270	56-55-3	Benzo(a)anthracene	410	U	410	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8270	50-32-8	Benzo(a)pyrene	410	U	410	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8270	205-99-2	Benzo(b)fluoranthene	410	U	410	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8270	191-24-2	Benzo(g,h,i)perylene	410	U	410	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8270	207-08-9	Benzo(k)fluoranthene	410	U	410	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8270	85-68-7	Benzyl Butyl Phthalate	410	U	410	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	6010	7440-41-7	Beryllium	0.092	J	0.004	mg/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8081	319-85-7	beta-BHC	2.1	U	2.1	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8270	111-91-1	bis(2-Chloroethoxy)methane	410	U	410	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8270	111-44-4	bis(2-Chloroethyl)ether	410	U	410	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8270	117-81-7	bis(2-Ethylhexyl)phthalate	410	U	410	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8260	75-27-4	Bromodichloromethane	3	U	3	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8260	75-25-2	Bromoform	3	U	3	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8260	74-83-9	Bromomethane	6	U	6	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	6010	7440-43-9	Cadmium	0.63	U	0.63	mg/kg
RMAD1S	Sediment		11/10/2002	Field Sample	6010	7440-70-2	Calcium	6400	J	1.1	mg/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8270	86-74-8	Carbazole	410	U	410	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8260	75-15-0	Carbon Disulfide	3	U	3	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8260	56-23-5	Carbon Tetrachloride	3	U	3	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8260	108-90-7	Chlorobenzene	3	U	3	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8260	124-48-1	Chlorodibromomethane	3	U	3	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8260	75-00-3	Chloroethane	6	U	6	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8260	67-66-3	Chloroform	3	U	3	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8260	74-87-3	Chloromethane	6	UJ	6	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	6010	7440-47-3	Chromium	2.9		0.01	mg/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8270	218-01-9	Chrysene	410	U	410	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8260	10061-01-5	cis-1,3-Dichloropropene	3	U	3	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	6010	7440-48-4	Cobalt	2.2		0.01	mg/kg
RMAD1S	Sediment		11/10/2002	Field Sample	6010	7440-50-8	Copper	2.5	U	2.5	mg/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8151	75-99-0	Dalapon	2500	U	2500	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	680	2051-24-3	Decachlorobiphenyl	21	U	21	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8081	319-86-8	delta-BHC	2.1	U	2.1	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8270	53-70-3	Dibenzo(a,h)anthracene	410	U	410	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8270	132-64-9	Dibenzofuran	410	U	410	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8151	1918-00-9	Dicamba	25	U	25	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	680	C-DICHLOROBI	Dichlorobiphenyl	4.1	U	4.1	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8260	75-09-2	Dichloromethane	3	U	3	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8151	120-36-5	Dichloprop	120	U	120	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8081	60-57-1	Dieldrin	4.1	U	4.1	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8270	84-66-2	Diethyl Phthalate	410	U	410	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8270	131-11-3	Dimethyl Phthalate	410	U	410	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8270	84-74-2	Di-n-butylphthalate	410	U	410	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8270	117-84-0	Di-n-octylphthalate	410	U	410	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8270	88-85-7	Dinoseb	410	U	410	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8081	959-98-8	Endosulfan I	2.1	U	2.1	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8081	33213-65-9	Endosulfan II	4.1	U	4.1	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8081	1031-07-8	Endosulfan Sulfate	4.1	U	4.1	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8081	72-20-8	Endrin	4.1	U	4.1	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8081	7421-93-4	Endrin Aldehyde	4.1	U	4.1	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8081	53494-70-5	Endrin Ketone	0.38	J	0.1	ug/kg
RMAD1S	Sediment		11/10/2002	Field Sample	8260	100-41-4	Ethylbenzene	1.6	J	0.83	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample-ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.1	U	2.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.1	U	2.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	0.38	J	0.65	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.1	U	2.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-HEPTACHLOR	[illegible]	12	U	12	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-HEXACHLORO	[illegible]	8.4	U	8.4	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	480		0.65	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	7.7	J	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]		47	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	67		[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	[illegible]	U	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	MCPP	[illegible]	U	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	21	UJ	21	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	16	U	16	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-MONOCHLORO	[illegible]	4.1	U	4.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	5.8		[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-NONACHLORO	[illegible]	21	U	21	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-OCTA-BRNE	[illegible]	12	U	12	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	P-Octanoline	[illegible]	U	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-PENTAPHE	[illegible]	8.4	U	8.4	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	21	U	21	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	Ph	pH	7.5		1	units
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	1.2	U	1.2	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	1.2	U	1.2	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	14	U	14	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	3	U	3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-HEXACHLOR	[illegible]	8.4	U	8.4	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	3	U	3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	1.2	U	1.2	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	3	U	3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Total Organic Carbon	[illegible]	U	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	210	U	210	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	3	U	3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-HEPTACHLOR	[illegible]	4.1	U	4.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	3	U	3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	5.1		[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	6	U	6	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Zinc	46	J	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	27	U	27	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	27	U	27	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	27	U	27	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	27	U	27	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	27	U	27	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	27	U	27	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	5.5	U	5.5	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	27	U	27	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4,5-T	19	U	19	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4,5-TP (Silvex)	19	U	19	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
RMM1S	Sediment		11/10/2002	Field Sample	8270	95-95-4	2,4,5-Trichlorophenol	410	U	410	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8270	88-06-2	2,4,6-Trichlorophenol	410	U	410	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8151	94-75-7	2,4-D	10	UJ	10	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8151	94-82-6	2,4-DB	10	U	10	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8270	120-83-2	2,4-Dichlorophenol	410	U	410	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8270	105-67-9	2,4-Dimethylphenol	410	U	410	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8270	51-28-5	2,4-Dinitrophenol	2100	U	2100	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8270	121-14-2	2,4-Dinitrotoluene	410	U	410	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8270	606-20-2	2,6-Dinitrotoluene	410	U	410	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8260	78-93-3	2-Butanone (MEK)	13	U	13	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8270	91-58-7	2-Chloronaphthalene	410	U	410	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8270	95-57-8	2-Chlorophenol	410	U	410	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8270	91-57-6	2-Methylnaphthalene	410	U	410	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8270	95-48-7	2-Methylphenol (o-Cresol)	410	U	410	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8270	88-74-4	2-Nitroaniline	2100	U	2100	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8270	88-75-5	2-Nitrophenol	410	U	410	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8270	91-94-1	3,3'-Dichlorobenzidine	820	U	820	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8270	106-44-5	3-Methylphenol/4-Methylphenol (m&p-Cresol)	410	U	410	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8270	99-09-2	3-Nitroaniline	2100	U	2100	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8081	72-54-8	4,4'-DDD	4.1	U	4.1	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8081	72-55-9	4,4'-DDE	4.1	U	4.1	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8081	50-29-3	4,4'-DDT	4.1	U	4.1	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8270	534-52-1	4,6-Dinitro-2-methylphenol	2100	U	2100	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8270	101-55-3	4-Bromophenyl Phenyl Ether	410	U	410	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8270	59-50-7	4-Chloro-3-methylphenol	410	U	410	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8270	7005-72-3	4-Chlorophenyl Phenyl Ether	410	U	410	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8260	108-10-1	4-Methyl-2-pentanone (MIBK)	13	U	13	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8270	100-02-7	4-Nitrophenol	2100	U	2100	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8270	83-32-9	Acenaphthene	410	U	410	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8270	208-96-8	Acenaphthylene	410	U	410	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8260	67-64-1	Acetone	27	U	27	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8081	309-00-2	Aldrin	2.1	U	2.1	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8081	319-84-6	alpha-BHC	2.1	U	2.1	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8081	5103-71-9	alpha-Chlordane	2.1	U	2.1	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	6010	7429-90-5	Aluminum	900		0.02	mg/kg
RMM1S	Sediment		11/10/2002	Field Sample	8270	120-12-7	Anthracene	410	U	410	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	6010	7440-36-0	Antimony	2.3	UJ	2.3	mg/kg
RMM1S	Sediment		11/10/2002	Field Sample	6010	7440-38-2	Arsenic	2.5		0.01	mg/kg
RMM1S	Sediment		11/10/2002	Field Sample	6010	7440-39-3	Barium	49		0.94	mg/kg
RMM1S	Sediment		11/10/2002	Field Sample	8260	71-43-2	Benzene	2.7	U	2.7	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8270	56-55-3	Benzo(a)anthracene	410	U	410	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8270	50-32-8	Benzo(a)pyrene	410	U	410	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8270	205-99-2	Benzo(b)fluoranthene	410	U	410	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8270	191-24-2	Benzo(g,h,i)perylene	410	U	410	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8270	207-08-9	Benzo(k)fluoranthene	410	U	410	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8270	85-68-7	Benzyl Butyl Phthalate	410	U	410	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	6010	7440-41-7	Beryllium	0.057	J	0.004	mg/kg
RMM1S	Sediment		11/10/2002	Field Sample	8081	319-85-7	beta-BHC	2.1	U	2.1	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8270	111-91-1	bis(2-Chloroethoxy)methane	410	U	410	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8270	111-44-4	bis(2-Chloroethyl)ether	410	U	410	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8270	117-81-7	bis(2-Ethylhexyl)phthalate	410	U	410	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8260	75-27-4	Bromodichloromethane	2.7	U	2.7	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8260	75-25-2	Bromoform	2.7	U	2.7	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8260	74-83-9	Bromomethane	5.3	U	5.3	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	6010	7440-43-9	Cadmium	0.58		0.005	mg/kg
RMM1S	Sediment		11/10/2002	Field Sample	6010	7440-70-2	Calcium	3300	J	1.1	mg/kg
RMM1S	Sediment		11/10/2002	Field Sample	8270	86-74-8	Carbazole	410	U	410	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8260	75-15-0	Carbon Disulfide	2.7	U	2.7	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8260	56-23-5	Carbon Tetrachloride	2.7	U	2.7	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8260	108-90-7	Chlorobenzene	2.7	U	2.7	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8260	124-48-1	Chlorodibromomethane	2.7	U	2.7	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8260	75-00-3	Chloroethane	5.3	U	5.3	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8260	67-66-3	Chloroform	2.7	U	2.7	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8260	74-87-3	Chloromethane	5.3	UJ	5.3	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	6010	7440-47-3	Chromium	5.2		0.01	mg/kg
RMM1S	Sediment		11/10/2002	Field Sample	8270	218-01-9	Chrysene	410	U	410	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8260	10061-01-5	cis-1,3-Dichloropropene	2.7	U	2.7	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	6010	7440-48-4	Cobalt	2.6		0.01	mg/kg
RMM1S	Sediment		11/10/2002	Field Sample	6010	7440-50-8	Copper	5.6		0.01	mg/kg
RMM1S	Sediment		11/10/2002	Field Sample	8151	75-99-0	Dalapon	2500	U	2500	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	680	2051-24-3	Decachlorobiphenyl	21	U	21	ug/kg
RMM1S	Sediment		11/10/2002	Field Sample	8081	319-86-8	delta-BHC	2.1	U	2.1	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	25	U	25	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-DICHLOROB	[illegible]	4.1	U	4.1	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.7	U	2.7	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	120	U	120	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	4.1	U	4.1	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Butyl Phthalate	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Butyl Phthalate	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endosulfan I	2.1	U	2.1	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endosulfan II	4.1	U	4.1	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endosulfan Sulfate	4.1	U	4.1	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endrin	4.1	U	4.1	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endrin Aldehyde	1.3	J	8.1	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endrin Ketone	4.1	U	4.1	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Ethylbenzene	1.7	J	0.68	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Fluoranthene	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Fluorene	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	gamma-BHC (Lindane)	2.1	U	2.1	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	gamma-Chlordane	2.1	U	2.1	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Heptachlor	2.1	U	2.1	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Heptachlor Epoxide	2.1	U	2.1	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-HEPTACHLOR	Heptachlorobiphenyl	12	U	12	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Hexachlorobenzene	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-HEXACHLORO	Hexachlorobiphenyl	8.4	U	8.4	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Hexachlorobutadiene	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Hexachlorocyclopentadiene	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Hexachloroethane	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Indeno(1,2,3-cd)pyrene	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Iron	[illegible]		[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Isophorone	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Lead	11	J	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Magnesium	[illegible]		47	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Manganese	[illegible]		[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	MCPA (4-chloro-2-methylphenoxyacetic Acid)	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	MCPP	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Mercury	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Methoxychlor	21	[illegible]	21	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Methyl n-Butyl Ketone	13	U	13	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-MONOCHLORO	Monochlorobiphenyl	4.1	U	4.1	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Naphthalene	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Nickel	8.2		[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Nitrobenzene	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	N-Nitroso-di-n-propylamine	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	N-Nitrosodiphenylamine	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-NONACHLORO	Nonachlorobiphenyl	21	U	21	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-OCTA-BPHE	Octachlorobiphenyl	12	U	12	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Pentachlorophenol	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-PENTAPHE	Pentachlorobiphenyl	8.4	U	8.4	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Pentachlorophenol	21	U	21	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	Ph	pH	7.9		1	units
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Phenanthrene	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Phenol	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Polychlorinated Biphenyls	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Potassium	170		34	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Pyrene	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Selenium	1.1	U	1.1	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Silver	1.1	U	1.1	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Sodium	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Styrene (Ethenyl)	2.7	U	2.7	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-TETRACHLOR	Tetrachlorobiphenyl	8.4	U	8.4	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Tetrachloroethene	2.7	U	2.7	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Thallium	1.1	UJ	1.1	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Toluene	2.7	U	2.7	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Total Organic Carbon	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Toxaphene	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	trans-1,3-Dichloropropene	2.7	U	2.7	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-TRICHLORO	Trichlorobiphenyl	4.1	U	4.1	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Trichloroethylene	2.7	U	2.7	mg/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
RAAN1S	Sediment		11/10/2002	Field Sample	6010	7440-62-2	Vanadium	5.5		0.01	mg/kg
RAAN1S	Sediment		11/10/2002	Field Sample	8260	75-01-4	Vinyl chloride	5.3	U	5.3	ug/kg
RAAN1S	Sediment		11/10/2002	Field Sample	8260	1330-20-7	Xylenes, Total	9.7		11	ug/kg
RAAN1S	Sediment		11/10/2002	Field Sample	6010	7440-66-6	Zinc	140	J	0.02	mg/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8260	71-55-6	1,1,1-Trichloroethane	2.1	U	2.1	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8260	79-34-5	1,1,2,2-Tetrachloroethane	2.1	U	2.1	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8260	79-00-5	1,1,2-Trichloroethane	2.1	U	2.1	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8260	75-34-3	1,1-Dichloroethane	2.1	U	2.1	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8260	75-35-4	1,1-Dichloroethylene	2.1	U	2.1	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8270	120-82-1	1,2,4-Trichlorobenzene	390	U	390	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8270	95-50-1	1,2-Dichlorobenzene	390	U	390	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8260	107-06-2	1,2-Dichloroethane	2.1	U	2.1	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8260	540-59-0	1,2-Dichloroethene (total)	4.1	U	4.1	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8260	78-87-5	1,2-Dichloropropane	2.1	U	2.1	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8270	541-73-1	1,3-Dichlorobenzene	390	U	390	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8270	106-46-7	1,4-Dichlorobenzene	390	U	390	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8270	108-60-1	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	390	U	390	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8151	93-76-5	2,4,5-T	9.9	U	9.9	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8151	93-72-1	2,4,5-TP (Silvex)	9.9	U	9.9	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8270	95-95-4	2,4,5-Trichlorophenol	390	U	390	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8270	88-06-2	2,4,6-Trichlorophenol	390	U	390	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8151	94-75-7	2,4-D	9.9	UJ	9.9	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8151	94-82-6	2,4-DB	9.9	U	9.9	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8270	120-83-2	2,4-Dichlorophenol	390	U	390	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8270	105-67-9	2,4-Dimethylphenol	390	U	390	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8270	51-28-5	2,4-Dinitrophenol	2000	U	2000	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8270	121-14-2	2,4-Dinitrotoluene	390	U	390	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8270	606-20-2	2,6-Dinitrotoluene	390	U	390	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8260	78-93-3	2-Butanone (MEK)	10	U	10	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8270	91-58-7	2-Chloronaphthalene	390	U	390	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8270	95-57-8	2-Chlorophenol	390	U	390	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8270	91-57-6	2-Methylnaphthalene	390	U	390	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8270	95-48-7	2-Methylphenol (o-Cresol)	390	U	390	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8270	88-74-4	2-Nitroaniline	2000	U	2000	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8270	88-75-5	2-Nitrophenol	390	U	390	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8270	91-94-1	3,3'-Dichlorobenzidine	780	U	780	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8270	108-44-5	3-Methylphenol/4-Methylphenol (m&p-Cresol)	390	U	390	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8270	99-09-2	3-Nitroaniline	2000	U	2000	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8081	72-54-8	4,4'-DDD	3.9	U	3.9	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8081	72-55-9	4,4'-DDE	3.9	U	3.9	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8081	50-29-3	4,4'-DDT	3.9	U	3.9	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8270	534-52-1	4,6-Dinitro-2-methylphenol	2000	U	2000	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8270	101-55-3	4-Bromophenyl Phenyl Ether	390	U	390	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8270	59-50-7	4-Chloro-3-methylphenol	390	U	390	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8270	7005-72-3	4-Chlorophenyl Phenyl Ether	390	U	390	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8260	108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8270	100-02-7	4-Nitrophenol	2000	U	2000	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8270	83-32-9	Acenaphthene	390	U	390	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8270	208-96-8	Acenaphthylene	390	U	390	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8260	67-64-1	Acetone	3.1	J	18	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8081	309-00-2	Aldrin	2	U	2	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8081	319-84-6	alpha-BHC	2	U	2	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8081	5103-71-9	alpha-Chlordane	2	U	2	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	6010	7429-90-5	Aluminum	1100		0.02	mg/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8270	120-12-7	Anthracene	390	U	390	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	6010	7440-36-0	Antimony	2.4	UJ	2.4	mg/kg
RAAU1S	Sediment		11/11/2002	Field Sample	6010	7440-38-2	Arsenic	1.8		0.01	mg/kg
RAAU1S	Sediment		11/11/2002	Field Sample	6010	7440-39-3	Barium	110		0.94	mg/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8260	71-43-2	Benzene	2.1	U	2.1	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8270	56-55-3	Benzo(a)anthracene	390	U	390	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8270	50-32-8	Benzo(a)pyrene	390	U	390	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8270	205-99-2	Benzo(b)fluoranthene	390	U	390	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8270	191-24-2	Benzo(g,h,i)perylene	390	U	390	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8270	207-08-9	Benzo(k)fluoranthene	390	U	390	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8270	85-68-7	Benzyl Butyl Phthalate	390	U	390	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	6010	7440-41-7	Beryllium	0.09	J	0.004	mg/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8081	319-85-7	beta-BHC	2	U	2	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8270	111-91-1	bis(2-Chloroethoxy)methane	390	U	390	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8270	111-44-4	bis(2-Chloroethyl)ether	390	U	390	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8270	117-81-7	bis(2-Ethylhexyl)phthalate	390	U	390	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8260	75-27-4	Bromodichloromethane	2.1	U	2.1	ug/kg
RAAU1S	Sediment		11/11/2002	Field Sample	8260	75-25-2	Bromoform	2.1	U	2.1	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	4.1	U	4.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dieldrin	0.67		0.65	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Diesel	[illegible]	J	1.1	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Diethyl ether	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Diesel Sulfide	2.1	U	2.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Diesel Tetrasulfide	2.1	U	2.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dimethoxane	2.1	U	2.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dimethoxymethane	2.1	U	2.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dimethylene	4.1	U	4.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dimethyl	2.1	U	2.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dimethylene	4.1	U	4.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dioxane	18		0.61	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dioxane	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,4-Dioxane	2.1	U	2.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Diesel	2.5		0.61	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dioxane	2.5		0.61	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dioxane	2400	U	2400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Diesel	20	U	20	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Diesel	2	U	2	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Diesel	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Diesel	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Diesel	24	U	24	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C4DICLOROB	Diesel	3.3	U	3.3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Diesel	2.1	U	2.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Diesel	120	U	120	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Diesel	3.3	U	3.3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Diesel Phthalate	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Diesel Phthalate	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Diesel	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Diesel	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Diesel	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endosulfan I	2	U	2	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endosulfan II	3.3	U	3.3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endosulfan Sulfate	3.3	U	3.3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endrin	3.3	U	3.3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endrin Aldehyde	1.2	J	0.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endrin Ketone	3.3	U	3.3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Ethylbenzene	1.4	J	0.65	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Fluoranthene	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Fluorene	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	gamma-BHC (Lindane)	2	U	2	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	gamma-Chlordane	2	U	2	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Heptachlor	0.31	J	0.65	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Heptachlor Epoxide	2	U	2	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C4BPROMOB	Hexachlorobenzene	12	U	12	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Hexachlorobutadiene	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C4BRCKLORO	Hexachlorobenzene	8	U	8	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Hexachloroethane	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Hexachlorocyclopentadiene	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Hexachlorophene	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Indeno(1,2,3-cd)pyrene	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Iron	[illegible]		0.65	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Isophorone	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Lead	47	J	0.65	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Magnesium	[illegible]		47	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Manganese	75		0.65	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	MCPA (Methyl-4-Chlorophenoxyacetic Acid)	2400	U	2400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	MCPP	2400	U	2400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Mercury	0.022	U	0.022	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Methoxychlor	20	U	20	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Methyl-tert-butyl Ether	10	U	10	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C4DICOMORO	Methylbenzene	3.3	U	3.3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Naphthalene	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Nickel	0.1		0.65	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Nitrobenzene	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	N-Nitroso-di-n-propylamine	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	N-Nitrosodiphenylamine	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C4DRCOMORO	Nonachlorobiphenyl	20	U	20	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-OCTALENE	Octachlorobiphenyl	12	U	12	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	P-Chloroaniline	700	U	700	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-PENTANEN	Pentachlorobiphenyl	6	U	6	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Pentachlorophenol	20	U	20	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
RMAU1S	Sediment		11/11/2002	Field Sample	9045	PH	pH	7.5		1	units
RMAU1S	Sediment		11/11/2002	Field Sample	8270	85-01-8	Phenanthrene	390	U	390	ug/kg
RMAU1S	Sediment		11/11/2002	Field Sample	8270	108-95-2	Phenol	390	U	390	ug/kg
RMAU1S	Sediment		11/11/2002	Field Sample	8270	100-01-6	P-Nitroaniline	2000	U	2000	ug/kg
RMAU1S	Sediment		11/11/2002	Field Sample	6010	7440-09-7	Potassium	200		94	mg/kg
RMAU1S	Sediment		11/11/2002	Field Sample	8270	129-00-0	Pyrene	390	U	390	ug/kg
RMAU1S	Sediment		11/11/2002	Field Sample	6010	7782-49-2	Selenium	1.2	U	1.2	mg/kg
RMAU1S	Sediment		11/11/2002	Field Sample	6010	7440-22-4	Silver	1.2	U	1.2	mg/kg
RMAU1S	Sediment		11/11/2002	Field Sample	6010	7440-23-5	Sodium	130	U	130	mg/kg
RMAU1S	Sediment		11/11/2002	Field Sample	8260	100-42-5	Styrene (Monomer)	2.1	U	2.1	ug/kg
RMAU1S	Sediment		11/11/2002	Field Sample	680	C-TETRACHLOR	Tetrachlorobiphenyl	8	U	8	ug/kg
RMAU1S	Sediment		11/11/2002	Field Sample	8260	127-18-4	Tetrachloroethene	2.1	U	2.1	ug/kg
RMAU1S	Sediment		11/11/2002	Field Sample	6010	7440-28-0	Thallium	1.2	UJ	1.2	mg/kg
RMAU1S	Sediment		11/11/2002	Field Sample	8260	108-88-3	Toluene	2.1	U	2.1	ug/kg
RMAU1S	Sediment		11/11/2002	Field Sample	9060	E-10195	Total Organic Carbon	2800		500	mg/kg
RMAU1S	Sediment		11/11/2002	Field Sample	8081	8001-35-2	Toxaphene	200	U	200	ug/kg
RMAU1S	Sediment		11/11/2002	Field Sample	8260	10061-02-6	trans-1,3-Dichloropropene	2.1	U	2.1	ug/kg
RMAU1S	Sediment		11/11/2002	Field Sample	680	C-TRICHLOROB	Trichlorobiphenyl	3.9	U	3.9	ug/kg
RMAU1S	Sediment		11/11/2002	Field Sample	8260	79-01-6	Trichloroethylene	2.1	U	2.1	ug/kg
RMAU1S	Sediment		11/11/2002	Field Sample	6010	7440-62-2	Vanadium	7.4		0.01	mg/kg
RMAU1S	Sediment		11/11/2002	Field Sample	8260	75-01-4	Vinyl chloride	4.1	U	4.1	ug/kg
RMAU1S	Sediment		11/11/2002	Field Sample	8260	1330-20-7	Xylenes, Total	7.8		11	ug/kg
RMAU1S	Sediment		11/11/2002	Field Sample	6010	7440-66-6	Zinc	190	J	0.02	mg/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8260	71-55-6	1,1,1-Trichloroethane	2.5	U	2.5	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8260	79-34-5	1,1,2,2-Tetrachloroethane	2.5	U	2.5	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8260	79-00-5	1,1,2-Trichloroethane	2.5	U	2.5	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8260	75-34-3	1,1-Dichloroethane	2.5	U	2.5	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8260	75-35-4	1,1-Dichloroethylene	2.5	U	2.5	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8270	120-82-1	1,2,4-Trichlorobenzene	400	U	400	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8270	95-50-1	1,2-Dichlorobenzene	400	U	400	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8260	107-06-2	1,2-Dichloroethane	2.5	U	2.5	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8260	540-59-0	1,2-Dichloroethene (total)	5	U	5	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8260	78-87-5	1,2-Dichloropropane	2.5	U	2.5	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8270	541-73-1	1,3-Dichlorobenzene	400	U	400	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8270	106-46-7	1,4-Dichlorobenzene	400	U	400	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8270	108-60-1	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	400	U	400	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8151	93-76-5	2,4,5-T	10	U	10	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8151	93-72-1	2,4,5-TP (Silvex)	10	U	10	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8270	95-95-4	2,4,5-Trichlorophenol	400	U	400	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8270	88-06-2	2,4,6-Trichlorophenol	400	U	400	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8151	94-75-7	2,4-D	10	UJ	10	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8151	94-82-6	2,4-DB	10	U	10	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8270	120-83-2	2,4-Dichlorophenol	400	U	400	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8270	105-67-9	2,4-Dimethylphenol	400	U	400	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8270	51-28-5	2,4-Dinitrophenol	2100	U	2100	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8270	121-14-2	2,4-Dinitrotoluene	400	U	400	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8270	606-20-2	2,6-Dinitrotoluene	400	U	400	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8260	78-93-3	2-Butanone (MEK)	12	U	12	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8270	91-58-7	2-Chloronaphthalene	400	U	400	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8270	95-57-8	2-Chlorophenol	400	U	400	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8270	91-57-6	2-Methylnaphthalene	400	U	400	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8270	95-48-7	2-Methylphenol (o-Cresol)	400	U	400	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8270	88-74-4	2-Nitroaniline	2100	U	2100	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8270	88-75-5	2-Nitrophenol	400	U	400	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8270	91-94-1	3,3'-Dichlorobenzidine	800	U	800	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8270	106-44-5	3-Methylphenol/4-Methylphenol (m&p-Cresol)	400	U	400	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8270	99-09-2	3-Nitroaniline	2100	U	2100	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8081	72-54-8	4,4'-DDD	4	U	4	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8081	72-55-9	4,4'-DDE	4	U	4	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8081	50-29-3	4,4'-DDT	4	U	4	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8270	534-52-1	4,6-Dinitro-2-methylphenol	2100	U	2100	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8270	101-55-3	4-Bromophenyl Phenyl Ether	400	U	400	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8270	59-50-7	4-Chloro-3-methylphenol	400	U	400	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8270	7005-72-3	4-Chlorophenyl Phenyl Ether	400	U	400	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8260	108-10-1	4-Methyl-2-pentanone (MIBK)	12	U	12	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8270	100-02-7	4-Nitrophenol	2100	U	2100	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8270	83-32-9	Acenaphthene	400	U	400	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8270	208-96-8	Acenaphthylene	400	U	400	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8260	67-64-1	Acetone	25	U	25	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8081	309-00-2	Aldrin	2.1	U	2.1	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8081	319-84-6	alpha-BHC	2.1	U	2.1	ug/kg
RMBD1S	Sediment		11/10/2002	Field Sample	8081	5103-71-9	alpha-Chlordane	2.1	U	2.1	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Submit	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.2	UJ	2.2	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	1.8		[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	15		[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.5	U	2.5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	37	J	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	29	J	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	J	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.1	U	2.1	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.5	U	2.5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.5	U	2.5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	5	U	5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Cobalt	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Cobalt	[illegible]	J	1.1	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Cobalt	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Cobalt Sulfide	2.5	U	2.5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Cobalt Tetrasulfide	2.5	U	2.5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chromium	2.5	U	2.5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chromium	2.5	U	2.5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chromium	5	U	5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chromium	2.5	U	2.5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chromium	5	UJ	5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chromium	1.8		[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chrysene	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	cis-1,3-Dichloropropene	2.5	U	2.5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Cobalt	1.6		[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Copper	2.4	U	2.4	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Cyanide	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	alpha-BHC	2.1	U	2.1	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	CAS0LOR0B	[illegible]	4	U	4	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.5	U	2.5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	4	U	4	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Butyl Phthalate	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Butyl Phthalate	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.1	U	2.1	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	4	U	4	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	4	U	4	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	4	U	4	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.1	J	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	4	U	4	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	1	J	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	gamma-BHC (Lindane)	2.1	U	2.1	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	gamma-Chlordane	2.1	U	2.1	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.1	U	2.1	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.1	U	2.1	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	CAS0HXCLOR	[illegible]	12	U	12	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	CAS0HXCLOR0	[illegible]	8.2	U	8.2	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Iron	[illegible]		[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Isophorone	[illegible]	U	[illegible]	[illegible]

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
R4BD1S	Sediment		11/10/2002	Field Sample	6010	7439-92-1	Lead	4.2	J	0.005	mg/kg
R4BD1S	Sediment		11/10/2002	Field Sample	6010	7439-95-4	Magnesium	880		47	mg/kg
R4BD1S	Sediment		11/10/2002	Field Sample	6010	7439-96-5	Manganese	53		0.01	mg/kg
R4BD1S	Sediment		11/10/2002	Field Sample	8151	94-74-6	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	2400	U	2400	ug/kg
R4BD1S	Sediment		11/10/2002	Field Sample	8151	93-65-2	MCPP	2400	U	2400	ug/kg
R4BD1S	Sediment		11/10/2002	Field Sample	7471	7439-97-6	Mercury	0.02	U	0.02	mg/kg
R4BD1S	Sediment		11/10/2002	Field Sample	8081	72-43-5	Methoxychlor	3.3	J	0.5	ug/kg
R4BD1S	Sediment		11/10/2002	Field Sample	8260	591-78-6	Methyl N-Butyl Ketone	12	U	12	ug/kg
R4BD1S	Sediment		11/10/2002	Field Sample	680	C-MONOCHLORO	Monochlorobiphenyl	4	U	4	ug/kg
R4BD1S	Sediment		11/10/2002	Field Sample	8270	91-20-3	Naphthalene	400	U	400	ug/kg
R4BD1S	Sediment		11/10/2002	Field Sample	6010	7440-02-0	Nickel	3.8	J	0.04	mg/kg
R4BD1S	Sediment		11/10/2002	Field Sample	8270	98-95-3	Nitrobenzene	400	U	400	ug/kg
R4BD1S	Sediment		11/10/2002	Field Sample	8270	621-64-7	N-Nitroso-di-n-propylamine	400	U	400	ug/kg
R4BD1S	Sediment		11/10/2002	Field Sample	8270	86-30-6	N-Nitrosodiphenylamine	400	U	400	ug/kg
R4BD1S	Sediment		11/10/2002	Field Sample	680	C-NONACHLORO	Nonachlorobiphenyl	21	U	21	ug/kg
R4BD1S	Sediment		11/10/2002	Field Sample	680	C-OCTA-BIPHE	Octachlorobiphenyl	12	U	12	ug/kg
R4BD1S	Sediment		11/10/2002	Field Sample	8270	106-47-8	P-Chloroaniline	800	U	800	ug/kg
R4BD1S	Sediment		11/10/2002	Field Sample	680	C-PENTBIPHEN	Pentachlorobiphenyl	8.2	U	8.2	ug/kg
R4BD1S	Sediment		11/10/2002	Field Sample	8151	87-86-5	Pentachlorophenol	21	U	21	ug/kg
R4BD1S	Sediment		11/10/2002	Field Sample	9045	PH	pH	7.5		1	units
R4BD1S	Sediment		11/10/2002	Field Sample	8270	85-01-8	Phenanthrene	400	U	400	ug/kg
R4BD1S	Sediment		11/10/2002	Field Sample	8270	108-95-2	Phenol	400	U	400	ug/kg
R4BD1S	Sediment		11/10/2002	Field Sample	8270	100-01-6	P-Nitroaniline	2100	U	2100	ug/kg
R4BD1S	Sediment		11/10/2002	Field Sample	6010	7440-09-7	Potassium	140		94	mg/kg
R4BD1S	Sediment		11/10/2002	Field Sample	8270	129-00-0	Pyrene	400	U	400	ug/kg
R4BD1S	Sediment		11/10/2002	Field Sample	6010	7782-49-2	Selenium	1.1	U	1.1	mg/kg
R4BD1S	Sediment		11/10/2002	Field Sample	6010	7440-22-4	Silver	1.1	U	1.1	mg/kg
R4BD1S	Sediment		11/10/2002	Field Sample	6010	7440-23-5	Sodium	110	U	110	mg/kg
R4BD1S	Sediment		11/10/2002	Field Sample	8260	100-42-5	Styrene (Monomer)	2.5	U	2.5	ug/kg
R4BD1S	Sediment		11/10/2002	Field Sample	680	C-TETRACHLOR	Tetrachlorobiphenyl	8.2	U	8.2	ug/kg
R4BD1S	Sediment		11/10/2002	Field Sample	8260	127-18-4	Tetrachloroethene	2.5	U	2.5	ug/kg
R4BD1S	Sediment		11/10/2002	Field Sample	6010	7440-28-0	Thallium	1.1	UJ	1.1	mg/kg
R4BD1S	Sediment		11/10/2002	Field Sample	8260	108-88-3	Toluene	2.5	U	2.5	ug/kg
R4BD1S	Sediment		11/10/2002	Field Sample	9060	E-10195	Total Organic Carbon	2400		500	mg/kg
R4BD1S	Sediment		11/10/2002	Field Sample	8081	8001-35-2	Toxaphene	210	U	210	ug/kg
R4BD1S	Sediment		11/10/2002	Field Sample	8260	10061-02-6	trans-1,3-Dichloropropene	2.5	U	2.5	ug/kg
R4BD1S	Sediment		11/10/2002	Field Sample	680	C-TRICHLOROB	Trichlorobiphenyl	4	U	4	ug/kg
R4BD1S	Sediment		11/10/2002	Field Sample	8260	79-01-6	Trichloroethylene	2.5	U	2.5	ug/kg
R4BD1S	Sediment		11/10/2002	Field Sample	6010	7440-62-2	Vanadium	3.7		0.01	mg/kg
R4BD1S	Sediment		11/10/2002	Field Sample	8260	75-01-4	Vinyl chloride	5	U	5	ug/kg
R4BD1S	Sediment		11/10/2002	Field Sample	8260	1330-20-7	Xylenes, Total	5.9		11	ug/kg
R4BD1S	Sediment		11/10/2002	Field Sample	6010	7440-66-6	Zinc	53	J	0.02	mg/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8260	71-55-6	1,1,1-Trichloroethane	1.8	U	1.8	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8260	79-34-5	1,1,2,2-Tetrachloroethane	1.8	U	1.8	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8260	79-00-5	1,1,2-Trichloroethane	1.8	U	1.8	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8260	75-34-3	1,1-Dichloroethane	1.8	U	1.8	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8260	75-35-4	1,1-Dichloroethylene	1.8	U	1.8	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	0.025		0.0011	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8290	67562-39-4	1,2,3,4,6,7,8-HpCDF	0.0038	J	0.00089	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8290	55673-89-7	1,2,3,4,7,8,9-HpCDF	0.0003	U	0.0003	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.00012	U	0.00012	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8290	70648-26-9	1,2,3,4,7,8-HxCDF	0.00032	U	0.00032	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	0.00052	U	0.00052	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8290	57117-44-9	1,2,3,6,7,8-HxCDF	0.00011	U	0.00011	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.00019	U	0.00019	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8290	72918-21-9	1,2,3,7,8,9-HxCDF	0.00014	U	0.00014	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.0001	U	0.0001	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.00021	U	0.00021	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8270	120-82-1	1,2,4-Trichlorobenzene	390	U	390	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8270	95-50-1	1,2-Dichlorobenzene	390	U	390	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8260	107-06-2	1,2-Dichloroethane	1.8	U	1.8	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8260	540-59-0	1,2-Dichloroethene (total)	3.5	U	3.5	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8260	78-87-5	1,2-Dichloropropane	1.8	U	1.8	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8270	541-73-1	1,3-Dichlorobenzene	390	U	390	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8270	106-46-7	1,4-Dichlorobenzene	390	U	390	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8270	108-60-1	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	390	U	390	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8290	60851-34-5	2,3,4,6,7,8-HxCDF	0.00013	U	0.00013	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8290	57117-31-4	2,3,4,7,8-PeCDF	0.0001	U	0.0001	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8290	1746-01-6	2,3,7,8-TCDD	0.000067	U	0.000067	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.00021	U	0.00021	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8151	93-76-5	2,4,5-T	9.9	U	9.9	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8151	93-72-1	2,4,5-TP (Silvex)	9.9	U	9.9	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4,5-Trichlorophenol	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4,6-Trichlorophenol	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-D	9.9	UJ	9.9	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-DB	9.9	U	9.9	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-Dichlorophenol	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-Dimethylphenol	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-Dinitrophenol	2000	U	2000	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-Dinitrotoluene	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,6-Dinitrotoluene	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Butanone (MEK)	8.8	U	8.8	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Chloronaphthalene	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Chlorophenol	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Methylnaphthalene	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Methylphenol (o-Cresol)	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Nitroaniline	2000	U	2000	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Nitrophenol	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	3,3'-Dichlorobenzidine	700	U	700	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	3-Methylphenol/4-Methylphenol (m/p-Cresol)	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	3-Nitroaniline	2000	U	2000	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,4'-DDD	3.9	UJ	3.9	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,4'-DDE	3.9	UJ	3.9	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,4'-DDT	3.9	UJ	3.9	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,6-Dinitro-2-methylphenol	2000	U	2000	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Bromophenyl Phenyl Ether	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Chloro-3-methylphenol	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Chlorophenyl Phenyl Ether	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Methyl-2-pentanone (MIBK)	8.8	U	8.8	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Nitrophenol	2000	U	2000	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Acenaphthene	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Acenaphthylene	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Acetone	18	U	18	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Aldrin	2	UJ	2	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	alpha-BHC	2	UJ	2	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	alpha-Chlordane	2	UJ	2	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Aluminum	770		0.02	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Antimony	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Antimony	2	UJ	2	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Arsenic	1.4	J	0.01	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Barium	31		0.01	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzene	1.8	U	1.8	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo(a)anthracene	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo(a)pyrene	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo(b)fluoranthene	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo(g,h,i)perylene	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo(k)fluoranthene	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzyl butyl Phthalate	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Beryllium	0.000	J	0.004	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	beta-BHC	2	UJ	2	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	bis(2-Chloroethoxy)methane	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	bis(2-Chloroethyl)ether	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	bis(2-Ethylhexyl)phthalate	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Bromodichloromethane	1.8	U	1.8	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Bromoform	1.8	U	1.8	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Bromomethane	3.5	U	3.5	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Cadmium	0.59	U	0.59	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Calcium	2400	J	1.1	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Carbazole	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Carbon disulfide	1.8	U	1.8	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Carbon tetrachloride	1.8	U	1.8	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chlorobenzene	1.8	U	1.8	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chlorodibromomethane	1.8	U	1.8	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chloroform	3.5	U	3.5	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chloromethane	1.8	U	1.8	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chromium	3.5	UJ	3.5	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chrysene	2.2		0.01	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Cobalt	330	U	330	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	cis-1,3-Dichloropropene	1.8	U	1.8	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Cobalt	1.8		0.01	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Copper	6		0.01	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Cyanide	2400	U	2400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dibenzofuran	20	U	20	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	delta-BHC	2	UJ	2	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
R4BM1S	Sediment		11/11/2002	Field Sample	8270	53-70-3	Dibenzo(a,h)anthracene	390	U	390	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8270	132-64-9	Dibenzofuran	390	U	390	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8151	1918-00-9	Dicamba	24	U	24	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	680	C-DICHLOROBI	Dichlorobiphenyl	3.9	U	3.9	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8260	75-09-2	Dichloromethane	1.5	U	1.5	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8151	120-36-5	Dichloprop	120	U	120	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8081	60-57-1	Dieldrin	3.9	UJ	3.9	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8270	84-66-2	Diethyl Phthalate	390	U	390	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8270	131-11-3	Dimethyl Phthalate	390	U	390	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8270	84-74-2	Di-n-butylphthalate	390	U	390	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8270	117-84-0	Di-n-octylphthalate	390	U	390	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8270	88-85-7	Dinoseb	390	U	390	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8081	959-98-8	Endosulfan I	2	UJ	2	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8081	33213-65-9	Endosulfan II	3.9	UJ	3.9	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8081	1031-07-8	Endosulfan Sulfate	3.9	UJ	3.9	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8081	72-20-8	Endrin	3.9	UJ	3.9	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8081	7421-93-4	Endrin Aldehyde	3.9	UJ	3.9	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8081	53494-70-5	Endrin Ketone	3.9	UJ	3.9	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8260	100-41-4	Ethylbenzene	0.83	J	0.83	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8270	206-44-0	Fluoranthene	390	U	390	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8270	86-73-7	Fluorene	390	U	390	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8081	58-89-9	gamma-BHC (Lindane)	2	UJ	2	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8081	5103-74-2	gamma-Chlordane	2	UJ	2	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8081	76-44-8	Heptachlor	2	UJ	2	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8081	1024-57-3	Heptachlor Epoxide	2	UJ	2	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	680	C-HEPTACHLOR	Heptachlorobiphenyl	12	U	12	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8270	118-74-1	Hexachlorobenzene	390	U	390	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	680	C-HEXACHLORO	Hexachlorobiphenyl	8	U	8	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8270	87-68-3	Hexachlorobutadiene	390	U	390	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8270	77-47-4	Hexachlorocyclopentadiene	390	U	390	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8270	67-72-1	Hexachloroethane	390	U	390	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8270	193-39-5	Indeno(1,2,3-cd)pyrene	390	U	390	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	6010	7439-89-6	Iron	3600		0.05	mg/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8270	78-59-1	Isophorone	390	U	390	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	6010	7439-92-1	Lead	11	J	0.005	mg/kg
R4BM1S	Sediment		11/11/2002	Field Sample	6010	7439-95-4	Magnesium	780		47	mg/kg
R4BM1S	Sediment		11/11/2002	Field Sample	6010	7439-96-5	Manganese	65		0.01	mg/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8151	94-74-6	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	2400	U	2400	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8151	93-65-2	MCPP	2400	U	2400	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	7471	7439-97-6	Mercury	0.022	U	0.022	mg/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8081	72-43-5	Methoxychlor	20	UJ	20	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8260	591-78-6	Methyl N-Butyl Ketone	8.8	U	8.8	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	680	C-MONOCHLORO	Monochlorobiphenyl	3.9	U	3.9	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8270	91-20-3	Naphthalene	390	U	390	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	6010	7440-02-0	Nickel	4.2		0.04	mg/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8270	98-95-3	Nitrobenzene	390	U	390	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8270	621-64-7	N-Nitroso-di-n-propylamine	390	U	390	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8270	86-30-6	N-Nitrosodiphenylamine	390	U	390	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	680	C-NONACHLORO	Nonachlorobiphenyl	8.9	J	0.5	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8290	3268-87-9	OCDD	0.39	J	0.000083	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8290	39001-02-0	OCDF	0.028		0.0008	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	680	C-OCTA-BIPHE	Octachlorobiphenyl	12	U	12	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8270	106-47-8	P-Chloroaniline	780	U	780	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	680	C-PENTBIPHEN	Pentachlorobiphenyl	8	U	8	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8151	87-86-5	Pentachlorophenol	20	U	20	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	D2216	MOIST	Percent Moisture	16		1	%
R4BM1S	Sediment		11/11/2002	Field Sample	9045	PH	pH	7.5		1	units
R4BM1S	Sediment		11/11/2002	Field Sample	8270	85-01-8	Phenanthrene	390	U	390	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8270	108-95-2	Phenol	390	U	390	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8270	100-01-6	P-Nitroaniline	2000	U	2000	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	6010	7440-09-7	Potassium	150		94	mg/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8270	129-00-0	Pyrene	390	U	390	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	6010	7782-49-2	Selenium	0.99	U	0.99	mg/kg
R4BM1S	Sediment		11/11/2002	Field Sample	6010	7440-22-4	Silver	0.99	U	0.99	mg/kg
R4BM1S	Sediment		11/11/2002	Field Sample	6010	7440-23-5	Sodium	100	U	100	mg/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8260	100-42-5	Styrene (Monomer)	1.8	U	1.8	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	680	C-TETRACHLOR	Tetrachlorobiphenyl	8	U	8	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8260	127-18-4	Tetrachloroethene	1.8	U	1.8	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	6010	7440-28-0	Thallium	0.99	UJ	0.99	mg/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8260	108-88-3	Toluene	1.8	U	1.8	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8290	37871-00-4	Total HpCDD	0.05		0.0011	ug/kg
R4BM1S	Sediment		11/11/2002	Field Sample	8290	38998-75-3	Total HpCDF	0.019		0.00042	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Parent Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Total PeCDD	[illegible]	U	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Total PeCDF	[illegible]	U	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Total Organic Carbon	[illegible]	U	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Total PeCDD	[illegible]	U	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Total PeCDF	[illegible]	U	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Total TCDD	[illegible]	U	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Total TCDF	[illegible]	U	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Toxaphene	[illegible]	UJ	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	trans-1,3-Dichloropropene	1.8	U	1.8	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Trichlorobenzene	3.9	U	3.9	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Trichloroethylene	1.8	U	1.8	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Vanadium	3.8		0.69	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Vinyl chloride	3.5	U	3.5	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Xylenes, Total	5.4		11	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Zinc	89	J	0.62	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,1,1-Trichloroethane	2.6	U	2.6	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,1,2,2-Tetrachloroethane	2.6	U	2.6	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,1,2-Trichloroethane	2.6	U	2.6	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,1-Dichloroethane	2.6	U	2.6	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,1-Dichloroethylene	2.6	U	2.6	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,2,4-Trichlorobenzene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,2-Dichlorobenzene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,2-Dichloroethane	2.6	U	2.6	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,2-Dichloroethane (total)	5.1	U	5.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,2-Dichloropropane	2.6	U	2.6	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,3-Dichlorobenzene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,4-Dichlorobenzene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,2'-Oxybis(1-Chloropropane) (bis-2-Chloroisopropyl ether)	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4,5-T	10	U	10	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4,5-TP (Silvex)	10	U	10	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4,6-Trichlorophenol	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-D	10	UJ	10	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-DB	10	U	10	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-Dichlorophenol	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-Dimethylphenol	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-Dinitrophenol	2100	U	2100	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-Dinitrotoluene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,6-Dinitrotoluene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Acetyl-Fluorene (AAF)	10	U	10	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Chloronaphthalene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Chlorophenol	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Methylnaphthalene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Methylphenol (o-Cresol)	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Nitroaniline	2100	U	2100	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Nitrophenol	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	3,3'-Dichlorobenzidine	880	U	880	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	3-Methylchloroethylphenol (mlp-Cresol)	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	3-Nitroaniline	2100	U	2100	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,4'-DDD	0.55	J	0.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,4'-DDE	0.4	J	0.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,4'-DDT	3	J	0.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,6-Dinitro-2-methylphenol	2100	U	2100	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Bromophenyl Phenyl Ether	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Chloro-3-methylphenol	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Chlorophenyl Phenyl Ether	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Methylbenzene (MBK)	10	U	10	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Nitrophenol	2100	U	2100	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Acenaphthene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Acenaphthylene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Acetone	3.2	J	10	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Aldrin	2.1	U	2.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	alpha-BHC	2.1	U	2.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	alpha-Chlordane	2.1	U	2.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Aluminum	8.9		0.62	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Anthracene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Anthony	2.1	UJ	2.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Arsenic	1.6	J	0.69	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Barium	29		0.24	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzene	2.6	U	2.6	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo(a)anthracene	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo(a)pyrene	440	U	440	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
R4BU1S	Sediment		11/11/2002	Field Sample	8270	205-99-2	Benzo(b)fluoranthene	410	U	410	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8270	191-24-2	Benzo(g,h,i)perylene	410	U	410	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8270	207-08-9	Benzo(k)fluoranthene	410	U	410	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8270	85-68-7	Benzyl Butyl Phthalate	410	U	410	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	6010	7440-41-7	Beryllium	0.066	J	0.004	mg/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8081	319-85-7	beta-BHC	2.1	U	2.1	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8270	111-91-1	bis(2-Chloroethoxy)methane	410	U	410	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8270	111-44-4	bis(2-Chloroethyl)ether	410	U	410	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8270	117-81-7	bis(2-Ethylhexyl)phthalate	410	U	410	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8260	75-27-4	Bromodichloromethane	2.6	U	2.6	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8260	75-25-2	Bromoform	2.6	U	2.6	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8260	74-83-9	Bromomethane	5.1	U	5.1	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	6010	7440-43-9	Cadmium	0.3	J	0.005	mg/kg
R4BU1S	Sediment		11/11/2002	Field Sample	6010	7440-70-2	Calcium	2200	J	1.1	mg/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8270	86-74-8	Carbazole	410	U	410	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8260	75-15-0	Carbon Disulfide	2.6	U	2.6	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8260	56-23-5	Carbon Tetrachloride	2.6	U	2.6	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8260	108-90-7	Chlorobenzene	2.6	U	2.6	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8260	124-48-1	Chlorodibromomethane	2.6	U	2.6	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8260	75-00-3	Chloroethane	5.1	U	5.1	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8260	67-66-3	Chloroform	2.6	U	2.6	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8260	74-87-3	Chloromethane	5.1	UJ	5.1	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	6010	7440-47-3	Chromium	2.6		0.01	mg/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8270	218-01-9	Chrysene	410	U	410	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8260	10061-01-5	cis-1,3-Dichloropropene	2.6	U	2.6	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	6010	7440-48-4	Cobalt	2		0.01	mg/kg
R4BU1S	Sediment		11/11/2002	Field Sample	6010	7440-50-8	Copper	1.5	J	0.01	mg/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8151	75-99-0	Dalapon	2500	U	2500	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	680	2051-24-3	Decachlorobiphenyl	21	U	21	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8081	319-86-8	delta-BHC	2.1	U	2.1	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8270	53-70-3	Dibenz(a,h)anthracene	410	U	410	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8270	132-64-9	Dibenzofuran	410	U	410	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8151	1918-00-9	Dicamba	25	U	25	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	680	C-DICHLOROBI	Dichlorobiphenyl	4.1	U	4.1	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8260	75-09-2	Dichloromethane	2.6	U	2.6	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8151	120-36-5	Dichlorprop	120	U	120	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8081	60-57-1	Dieldrin	1.2	J	0.1	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8270	84-66-2	Diethyl Phthalate	410	U	410	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8270	131-11-3	Dimethyl Phthalate	410	U	410	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8270	84-74-2	Di-n-butylphthalate	410	U	410	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8270	117-84-0	Di-n-octylphthalate	410	U	410	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8270	88-85-7	Dinoseb	410	U	410	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8081	959-98-8	Endosulfan I	2.1	U	2.1	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8081	33213-65-9	Endosulfan II	4.1	U	4.1	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8081	1031-07-8	Endosulfan Sulfate	4.1	U	4.1	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8081	72-20-8	Endrin	4.1	U	4.1	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8081	7421-93-4	Endrin Aldehyde	1.9	J	0.1	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8081	53494-70-5	Endrin Ketone	4.1	U	4.1	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8260	100-41-4	Ethylbenzene	1.5	J	0.83	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8270	206-44-0	Fluoranthene	410	U	410	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8270	86-73-7	Fluorene	410	U	410	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8081	58-89-9	gamma-BHC (Lindane)	2.1	U	2.1	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8081	5103-74-2	gamma-Chlordane	1.2	J	0.05	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8081	76-44-8	Heptachlor	2.1	U	2.1	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8081	1024-57-3	Heptachlor Epoxide	2.1	U	2.1	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	680	C-HEPTACHLOR	Heptachlorobiphenyl	12	U	12	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8270	118-74-1	Hexachlorobenzene	410	U	410	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	680	C-HEXACHLORO	Hexachlorobiphenyl	8.4	U	8.4	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8270	87-68-3	Hexachlorobutadiene	410	U	410	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8270	77-47-4	Hexachlorocyclopentadiene	410	U	410	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8270	67-72-1	Hexachloroethane	410	U	410	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8270	193-39-5	Indeno(1,2,3-cd)pyrene	410	U	410	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	6010	7439-89-6	Iron	3800		0.05	mg/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8270	78-59-1	Isophorone	410	U	410	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	6010	7439-92-1	Lead	16	J	0.005	mg/kg
R4BU1S	Sediment		11/11/2002	Field Sample	6010	7439-95-4	Magnesium	980		47	mg/kg
R4BU1S	Sediment		11/11/2002	Field Sample	6010	7439-96-5	Manganese	66		0.01	mg/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8151	94-74-6	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	2500	U	2500	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8151	93-65-2	MCPP	2500	U	2500	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	7471	7439-97-6	Mercury	0.023	U	0.023	mg/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8081	72-43-5	Methoxychlor	21	UJ	21	ug/kg
R4BU1S	Sediment		11/11/2002	Field Sample	8260	591-78-6	Methyl N-Butyl Ketone	13	U	13	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Media	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-HCBDCHLORO	[illegible]	4.1	U	4.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	4.8		0.64	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-HCBDCLORC	[illegible]	21	U	21	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-CCH-BPE	[illegible]	12	U	12	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	880	U	880	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-[illegible]	[illegible]	8.4	U	8.4	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	21	U	21	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	7.5		1	units
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2400	U	2400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	170		9	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	440	U	440	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	1	U	1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	1	U	1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	110	U	110	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.6	U	2.6	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-TETRACLOR	[illegible]	8.4	U	8.4	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.6	U	2.6	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	1	BU	1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.6	U	2.6	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Total Organic Carbon	200	U	200	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	210	U	210	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.6	U	2.6	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-TRICHLORO	[illegible]	4.1	U	4.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.6	U	2.6	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	4.3		0.61	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	5.1	U	5.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Xylene, Total	0.9		11	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Zinc	71	J	0.02	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	2.9	U	2.9	ug/kg
[illegible]	Sediment		[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	3.2	U	3.2	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	2.9	U	2.9	ug/kg
[illegible]	Sediment		[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	3.2	U	3.2	ug/kg
[illegible]	Sediment		[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	3.2	U	3.2	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	2.9	U	2.9	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	2.9	U	2.9	ug/kg
[illegible]	Sediment		[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	3.2	U	3.2	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	2.9	U	2.9	ug/kg
[illegible]	Sediment		[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	3.2	U	3.2	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	4.0	U	4.0	ug/kg
[illegible]	Sediment		[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	3.0	U	3.0	ug/kg
[illegible]	Sediment		[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	4.0	U	4.0	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	2.9	U	2.9	ug/kg
[illegible]	Sediment		[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	3.2	U	3.2	ug/kg
[illegible]	Sediment		[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	6.4	U	6.4	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	5.9	U	5.9	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	2.9	U	2.9	ug/kg
[illegible]	Sediment		[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	3.2	U	3.2	ug/kg
[illegible]	Sediment		[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	3.0	U	3.0	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	4.0	U	4.0	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	4.0	U	4.0	ug/kg
[illegible]	Sediment		[illegible]	Field Duplicate	[illegible]	[illegible]	[illegible]	3.0	U	3.0	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	2,4-Dichlorophenol (or 2-Methylphenol, 4-Chloro-3-) (Total)	4.0	U	4.0	ug/kg
[illegible]	Sediment		[illegible]	Field Duplicate	[illegible]	[illegible]	2,4-Dichlorophenol (or 2-Methylphenol, 4-Chloro-3-) (Total)	3.0	U	3.0	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	2,4,5-T	1.0	U	1.0	ug/kg
[illegible]	Sediment		[illegible]	Field Duplicate	[illegible]	[illegible]	2,4,5-T	9.6	U	9.6	ug/kg
[illegible]	Sediment		[illegible]	Field Duplicate	[illegible]	[illegible]	2,4,5-TP (Silvex)	9.6	U	9.6	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	2,4,5-TP (Silvex)	1.0	U	1.0	ug/kg
[illegible]	Sediment		[illegible]	Field Duplicate	[illegible]	[illegible]	2,4,5-Trichlorophenol	3.0	U	3.0	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	2,4,5-Trichlorophenol	4.0	U	4.0	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	2,4,6-Trichlorophenol	4.0	U	4.0	ug/kg
[illegible]	Sediment		[illegible]	Field Duplicate	[illegible]	[illegible]	2,4,6-Trichlorophenol	3.0	U	3.0	ug/kg
[illegible]	Sediment		[illegible]	Field Duplicate	[illegible]	[illegible]	2,4-D	9.6	100	9.6	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	2,4-D	1.0	100	1.0	ug/kg
[illegible]	Sediment		[illegible]	Field Duplicate	[illegible]	[illegible]	2,4-DB	9.6	U	9.6	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	2,4-DB	1.0	U	1.0	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8270	120-83-2	2,4-Dichlorophenol	400	U	400	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8270	120-83-2	2,4-Dichlorophenol	380	U	380	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8270	105-67-9	2,4-Dimethylphenol	400	U	400	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8270	105-67-9	2,4-Dimethylphenol	380	U	380	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8270	51-28-5	2,4-Dinitrophenol	2000	U	2000	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8270	51-28-5	2,4-Dinitrophenol	2100	U	2100	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8270	121-14-2	2,4-Dinitrotoluene	400	U	400	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8270	121-14-2	2,4-Dinitrotoluene	380	U	380	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8270	606-20-2	2,6-Dinitrotoluene	380	U	380	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8270	606-20-2	2,6-Dinitrotoluene	400	U	400	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8260	78-93-3	2-Butanone (MEK)	16	U	16	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8260	78-93-3	2-Butanone (MEK)	15	U	15	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8270	91-58-7	2-Chloronaphthalene	400	U	400	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8270	91-58-7	2-Chloronaphthalene	380	U	380	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8270	95-57-8	2-Chlorophenol	380	U	380	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8270	95-57-8	2-Chlorophenol	400	U	400	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8270	91-57-6	2-Methylnaphthalene	380	U	380	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8270	91-57-6	2-Methylnaphthalene	400	U	400	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8270	95-48-7	2-Methylphenol (o-Cresol)	380	U	380	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8270	95-48-7	2-Methylphenol (o-Cresol)	400	U	400	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8270	88-74-4	2-Nitroaniline	2100	U	2100	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8270	88-74-4	2-Nitroaniline	2000	U	2000	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8270	88-75-5	2-Nitrophenol	400	U	400	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8270	88-75-5	2-Nitrophenol	380	U	380	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8270	91-94-1	3,3'-Dichlorobenzidine	770	U	770	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8270	91-94-1	3,3'-Dichlorobenzidine	800	U	800	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8270	106-44-5	3-Methylphenol/4-Methylphenol (m&p-Cresol)	400	U	400	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8270	106-44-5	3-Methylphenol/4-Methylphenol (m&p-Cresol)	380	U	380	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8270	99-09-2	3-Nitroaniline	2100	U	2100	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8270	99-09-2	3-Nitroaniline	2000	U	2000	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8081	72-54-8	4,4'-DDD	3.8	U	3.8	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8081	72-54-8	4,4'-DDD	4	U	4	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8081	72-55-9	4,4'-DDE	4	U	4	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8081	72-55-9	4,4'-DDE	3.8	U	3.8	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8081	50-29-3	4,4'-DDT	4	U	4	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8081	50-29-3	4,4'-DDT	3.8	U	3.8	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8270	534-52-1	4,6-Dinitro-2-methylphenol	2000	U	2000	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8270	534-52-1	4,6-Dinitro-2-methylphenol	2100	U	2100	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8270	101-55-3	4-Bromophenyl Phenyl Ether	400	U	400	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8270	101-55-3	4-Bromophenyl Phenyl Ether	380	U	380	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8270	59-50-7	4-Chloro-3-methylphenol	380	U	380	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8270	59-50-7	4-Chloro-3-methylphenol	400	U	400	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8270	7005-72-3	4-Chlorophenyl Phenyl Ether	380	U	380	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8270	7005-72-3	4-Chlorophenyl Phenyl Ether	400	U	400	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8260	108-10-1	4-Methyl-2-pentanone (MIBK)	15	U	15	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8260	108-10-1	4-Methyl-2-pentanone (MIBK)	16	U	16	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8270	100-02-7	4-Nitrophenol	2000	U	2000	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8270	100-02-7	4-Nitrophenol	2100	U	2100	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8270	83-32-9	Acenaphthene	380	U	380	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8270	83-32-9	Acenaphthene	400	U	400	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8270	208-96-8	Acenaphthylene	380	U	380	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8270	208-96-8	Acenaphthylene	400	U	400	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8260	67-64-1	Acetone	3.3	J	18	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8260	67-64-1	Acetone	4.4	J	18	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8081	309-00-2	Aldrin	2.1	U	2.1	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8081	309-00-2	Aldrin	2	U	2	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8081	319-84-6	alpha-BHC	2	U	2	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8081	319-84-6	alpha-BHC	2.1	U	2.1	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8081	5103-71-9	alpha-Chlordane	2	U	2	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8081	5103-71-9	alpha-Chlordane	2.1	U	2.1	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	6010	7429-90-5	Aluminum	1000		0.02	mg/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	6010	7429-90-5	Aluminum	1000		0.02	mg/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8270	120-12-7	Anthracene	400	U	400	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8270	120-12-7	Anthracene	380	U	380	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	6010	7440-36-0	Antimony	2.1	UJ	2.1	mg/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	6010	7440-36-0	Antimony	2.4	UJ	2.4	mg/kg
RICM1S	Sediment		11/11/2002	Field Sample	6010	7440-38-2	Arsenic	1.7	J	0.01	mg/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	6010	7440-38-2	Arsenic	2		0.01	mg/kg
RICM1S	Sediment		11/11/2002	Field Sample	6010	7440-39-3	Barium	38		0.94	mg/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	6010	7440-39-3	Barium	21		0.94	mg/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8260	71-43-2	Benzene	2.9	U	2.9	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8260	71-43-2	Benzene	3.2	U	3.2	ug/kg

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	27	J	10	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	330	U	330	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	J	10	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	330	U	330	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	54	J	10	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	330	U	330	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	52	J	10	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22	J	10	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	330	U	330	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	330	U	330	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	400	U	400	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	J	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	J	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	beta-BHC	2.1	U	2.1	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	beta-BHC	2	U	2	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	400	U	400	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	330	U	330	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	400	U	400	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	330	U	330	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	J	10	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	330	U	330	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.9	U	2.9	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.2	U	3.2	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.9	U	2.9	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.2	U	3.2	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5.9	U	5.9	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6.4	U	6.4	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	J	1.1	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	J	1.1	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	400	U	400	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	330	U	330	[illegible]
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[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.2	U	3.2	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.9	U	2.9	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.9	U	2.9	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.2	U	3.2	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.2	U	3.2	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.9	U	2.9	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6.4	U	6.4	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5.9	U	5.9	[illegible]
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[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.8		[illegible]	[illegible]
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[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	330	U	330	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.2	U	3.2	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.6		[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.4		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.4	U	2.4	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.3	U	2.3	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	20	U	20	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	21	U	21	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	delta-BHC	2	U	2	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	delta-BHC	2.1	U	2.1	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	330	U	330	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	400	U	400	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	400	U	400	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	330	U	330	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	C-DICHLOROBI	[illegible]	4	U	4	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	C-DICHLOROBI	[illegible]	3.8	U	3.8	[illegible]

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8260	75-09-2	Dichloromethane	2.9	U	2.9	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8260	75-09-2	Dichloromethane	3.2	U	3.2	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8151	120-36-5	Dichloprop	120	U	120	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8151	120-36-5	Dichloprop	120	U	120	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8081	60-57-1	Dieldrin	4	U	4	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8081	60-57-1	Dieldrin	3.8	U	3.8	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8270	84-66-2	Diethyl Phthalate	380	U	380	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8270	84-66-2	Diethyl Phthalate	400	U	400	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8270	131-11-3	Dimethyl Phthalate	400	U	400	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8270	131-11-3	Dimethyl Phthalate	380	U	380	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8270	84-74-2	Di-n-butylphthalate	380	U	380	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8270	84-74-2	Di-n-butylphthalate	400	U	400	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8270	117-84-0	Di-n-octylphthalate	400	U	400	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8270	117-84-0	Di-n-octylphthalate	380	U	380	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8270	88-85-7	Dinoseb	400	U	400	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8270	88-85-7	Dinoseb	380	U	380	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8081	959-98-8	Endosulfan I	2	U	2	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8081	959-98-8	Endosulfan I	2.1	U	2.1	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8081	33213-65-9	Endosulfan II	4	U	4	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8081	33213-65-9	Endosulfan II	3.8	U	3.8	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8081	1031-07-8	Endosulfan Sulfate	3.8	U	3.8	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8081	1031-07-8	Endosulfan Sulfate	4	U	4	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8081	72-20-8	Endrin	4	U	4	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8081	72-20-8	Endrin	3.8	U	3.8	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8081	7421-93-4	Endrin Aldehyde	2.4	J	0.1	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8081	7421-93-4	Endrin Aldehyde	1.4	J	0.1	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8081	53494-70-5	Endrin Ketone	0.76	J	0.1	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8081	53494-70-5	Endrin Ketone	4	U	4	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8260	100-41-4	Ethylbenzene	2.2	J	0.83	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8260	100-41-4	Ethylbenzene	1.7	J	0.83	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8270	206-44-0	Fluoranthene	400	U	400	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8270	206-44-0	Fluoranthene	380	U	380	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8270	86-73-7	Fluorene	400	U	400	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8270	86-73-7	Fluorene	380	U	380	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8081	58-89-9	gamma-BHC (Lindane)	2.1	U	2.1	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8081	58-89-9	gamma-BHC (Lindane)	2	U	2	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8081	5103-74-2	gamma-Chlordane	2.1	U	2.1	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8081	5103-74-2	gamma-Chlordane	2	U	2	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8081	76-44-8	Heptachlor	2.1	U	2.1	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8081	76-44-8	Heptachlor	2	U	2	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8081	1024-57-3	Heptachlor Epoxide	2.1	U	2.1	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8081	1024-57-3	Heptachlor Epoxide	2	U	2	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	680	C-HEPTACHLOR	Heptachlorobiphenyl	12	U	12	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	680	C-HEPTACHLOR	Heptachlorobiphenyl	12	U	12	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8270	118-74-1	Hexachlorobenzene	400	U	400	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8270	118-74-1	Hexachlorobenzene	380	U	380	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	680	C-HEXACHLORO	Hexachlorobiphenyl	7.6	U	7.6	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	680	C-HEXACHLORO	Hexachlorobiphenyl	8.2	U	8.2	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8270	87-68-3	Hexachlorobutadiene	400	U	400	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8270	87-68-3	Hexachlorobutadiene	380	U	380	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8270	77-47-4	Hexachlorocyclopentadiene	380	U	380	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8270	77-47-4	Hexachlorocyclopentadiene	400	U	400	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8270	67-72-1	Hexachloroethane	380	U	380	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8270	67-72-1	Hexachloroethane	400	U	400	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8270	193-39-5	Indeno(1,2,3-cd)pyrene	29	J	10	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8270	193-39-5	Indeno(1,2,3-cd)pyrene	29	J	10	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	6010	7439-89-6	Iron	4000		0.05	mg/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	6010	7439-89-6	Iron	4000		0.05	mg/kg
RICM1S	Sediment		11/11/2002	Field Sample	8270	78-59-1	Isophorone	380	U	380	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8270	78-59-1	Isophorone	400	U	400	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	6010	7439-92-1	Lead	18	J	0.005	mg/kg
RICM1S	Sediment		11/11/2002	Field Sample	6010	7439-92-1	Lead	4.1	J	0.005	mg/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	6010	7439-95-4	Magnesium	810		47	mg/kg
RICM1S	Sediment		11/11/2002	Field Sample	6010	7439-95-4	Magnesium	740		47	mg/kg
RICM1S	Sediment		11/11/2002	Field Sample	6010	7439-96-5	Manganese	67		0.01	mg/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	6010	7439-96-5	Manganese	62		0.01	mg/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8151	94-74-6	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	2400	U	2400	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8151	94-74-6	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	2300	U	2300	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	8151	93-65-2	MCPP	2300	U	2300	ug/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	8151	93-65-2	MCPP	2400	U	2400	ug/kg
RICM1S	Sediment		11/11/2002	Field Sample	7471	7439-97-6	Mercury	0.019	U	0.019	mg/kg
RICM2S	Sediment	RICM1S	11/11/2002	Field Duplicate	7471	7439-97-6	Mercury	0.022	U	0.022	mg/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample-ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.76	J	0.5	mg/kg
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.9	J	0.5	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	15	U	15	mg/kg
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	15	U	15	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	C-MONOCHLORO	[illegible]	4	U	4	mg/kg
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	C-MONOCHLORO	[illegible]	3.6	U	3.6	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	400	U	400	mg/kg
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	300	U	300	mg/kg
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5.5		0.01	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5.8		0.01	mg/kg
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	300	U	300	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	400	U	400	mg/kg
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	300	U	300	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	400	U	400	mg/kg
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	300	U	300	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	400	U	400	mg/kg
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	C-MONOCHLORO	[illegible]	20	U	20	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	C-MONOCHLORO	[illegible]	21	U	21	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	C-OCTA-BPHE	[illegible]	12	U	12	mg/kg
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	C-OCTA-BPHE	[illegible]	12	U	12	mg/kg
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	770	U	770	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	600	U	600	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	C-PENTA-PHEN	[illegible]	8.2	U	8.2	mg/kg
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	C-PENTA-PHEN	[illegible]	7.8	U	7.8	mg/kg
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	20	U	20	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	21	U	21	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7.4		1	units
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7.5		1	units
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	300	U	300	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	400	U	400	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	400	U	400	mg/kg
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	300	U	300	mg/kg
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2000	U	2000	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2400	U	2400	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	300		94	mg/kg
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100		94	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	400	U	400	mg/kg
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	300	U	300	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.2	U	1.2	mg/kg
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.1	U	1.1	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.2	U	1.2	mg/kg
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.1	U	1.1	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100	U	100	mg/kg
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100	U	100	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.9	U	2.9	mg/kg
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.2	U	3.2	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	C-HEXACLOR	[illegible]	8.2	U	8.2	mg/kg
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	C-HEXACLOR	[illegible]	7.8	U	7.8	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.9	U	2.9	mg/kg
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.2	U	3.2	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.2	U	1.2	mg/kg
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.1	U	1.1	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.9	U	2.9	mg/kg
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.2	U	3.2	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	500	U	500	mg/kg
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	500	U	500	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	200	U	200	mg/kg
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	200	U	200	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.9	U	2.9	mg/kg
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.2	U	3.2	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	C-HEXACLOR	[illegible]	4	U	4	mg/kg
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	C-HEXACLOR	[illegible]	3.6	U	3.6	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.9	U	2.9	mg/kg
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.2	U	3.2	mg/kg
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5.5		0.01	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5		0.01	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5.9	U	5.9	mg/kg
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6.4	U	6.4	mg/kg
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	8.6		11	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13		11	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	14	J	0.02	mg/kg
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	28	J	0.02	mg/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
R5AM1S	Sediment		11/08/2002	Field Sample	8260	71-55-6	1,1,1-Trichloroethane	2.9	U	2.9	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8260	71-55-6	1,1,1-Trichloroethane	2.5	U	2.5	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8260	79-34-5	1,1,2,2-Tetrachloroethane	2.9	U	2.9	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8260	79-34-5	1,1,2,2-Tetrachloroethane	2.5	U	2.5	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8260	79-00-5	1,1,2-Trichloroethane	2.9	U	2.9	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8260	79-00-5	1,1,2-Trichloroethane	2.5	U	2.5	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8260	75-34-3	1,1-Dichloroethane	2.9	U	2.9	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8260	75-34-3	1,1-Dichloroethane	2.5	U	2.5	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8260	75-35-4	1,1-Dichloroethylene	2.9	U	2.9	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8260	75-35-4	1,1-Dichloroethylene	2.5	U	2.5	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8270	120-82-1	1,2,4-Trichlorobenzene	430	U	430	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8270	120-82-1	1,2,4-Trichlorobenzene	430	U	430	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8270	95-50-1	1,2-Dichlorobenzene	430	U	430	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8270	95-50-1	1,2-Dichlorobenzene	430	U	430	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8260	107-06-2	1,2-Dichloroethane	2.9	U	2.9	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8260	107-06-2	1,2-Dichloroethane	2.5	U	2.5	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8260	540-59-0	1,2-Dichloroethene (total)	5.8	U	5.8	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8260	540-59-0	1,2-Dichloroethene (total)	5	U	5	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8260	78-87-5	1,2-Dichloropropane	2.9	U	2.9	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8260	78-87-5	1,2-Dichloropropane	2.5	U	2.5	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8270	541-73-1	1,3-Dichlorobenzene	430	U	430	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8270	541-73-1	1,3-Dichlorobenzene	430	U	430	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8270	106-46-7	1,4-Dichlorobenzene	430	U	430	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8270	106-46-7	1,4-Dichlorobenzene	430	U	430	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8270	108-60-1	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	430	U	430	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8270	108-60-1	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	430	U	430	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8151	93-76-5	2,4,5-T	11	U	11	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8151	93-76-5	2,4,5-T	11	U	11	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8151	93-72-1	2,4,5-TP (Silvex)	11	U	11	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8151	93-72-1	2,4,5-TP (Silvex)	11	U	11	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8270	95-95-4	2,4,5-Trichlorophenol	430	U	430	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8270	95-95-4	2,4,5-Trichlorophenol	430	U	430	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8270	88-06-2	2,4,6-Trichlorophenol	430	U	430	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8270	88-06-2	2,4,6-Trichlorophenol	430	U	430	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8151	94-75-7	2,4-D	11	U	11	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8151	94-75-7	2,4-D	20		0.5	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8151	94-82-6	2,4-DB	11	U	11	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8151	94-82-6	2,4-DB	11	U	11	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8270	120-83-2	2,4-Dichlorophenol	430	U	430	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8270	120-83-2	2,4-Dichlorophenol	430	U	430	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8270	105-67-9	2,4-Dimethylphenol	430	U	430	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8270	105-67-9	2,4-Dimethylphenol	430	U	430	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8270	51-28-5	2,4-Dinitrophenol	2200	U	2200	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8270	51-28-5	2,4-Dinitrophenol	2200	U	2200	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8270	121-14-2	2,4-Dinitrotoluene	430	U	430	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8270	121-14-2	2,4-Dinitrotoluene	430	U	430	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8270	606-20-2	2,6-Dinitrotoluene	430	U	430	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8270	606-20-2	2,6-Dinitrotoluene	430	U	430	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8260	78-93-3	2-Butanone (MEK)	14	U	14	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8260	78-93-3	2-Butanone (MEK)	12	U	12	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8270	91-58-7	2-Chloronaphthalene	430	U	430	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8270	91-58-7	2-Chloronaphthalene	430	U	430	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8270	95-57-8	2-Chlorophenol	430	U	430	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8270	95-57-8	2-Chlorophenol	430	U	430	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8270	91-57-6	2-Methylnaphthalene	430	U	430	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8270	91-57-6	2-Methylnaphthalene	430	U	430	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8270	95-48-7	2-Methylphenol (o-Cresol)	430	U	430	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8270	95-48-7	2-Methylphenol (o-Cresol)	430	U	430	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8270	88-74-4	2-Nitroaniline	2200	U	2200	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8270	88-74-4	2-Nitroaniline	2200	U	2200	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8270	88-75-5	2-Nitrophenol	430	U	430	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8270	88-75-5	2-Nitrophenol	430	U	430	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8270	91-94-1	3,3'-Dichlorobenzidine	860	U	860	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8270	91-94-1	3,3'-Dichlorobenzidine	870	U	870	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8270	108-44-5	3-Methylphenol/4-Methylphenol (m&p-Cresol)	430	U	430	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8270	108-44-5	3-Methylphenol/4-Methylphenol (m&p-Cresol)	430	U	430	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8270	99-09-2	3-Nitroaniline	2200	U	2200	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8270	99-09-2	3-Nitroaniline	2200	U	2200	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8081	72-54-8	4,4'-DDD	4.3	UJ	4.3	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8081	72-54-8	4,4'-DDD	4.3	UJ	4.3	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8081	72-55-9	4,4'-DDE	4.3	U	4.3	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	4,4'-DDE	4.3	U	4.3	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	4,4'-DDT	4.3	UJ	4.3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,4'-DDT	4.3	UJ	4.3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,6-Dinitro-2-methylphenol	[illegible]	U	[illegible]	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	4,6-Dinitro-2-methylphenol	[illegible]	U	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Bromophenyl Phenyl Ether	49	U	49	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	4-Bromophenyl Phenyl Ether	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Chloro-3-methylphenol	49	U	49	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	4-Chloro-3-methylphenol	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Chlorophenyl Phenyl Ether	49	U	49	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	4-Chlorophenyl Phenyl Ether	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Methyl-2-pentanone (MIBK)	14	U	14	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	4-Methyl-2-pentanone (MIBK)	12	U	12	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Nitrophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	4-Nitrophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Acenaphthene	49	U	49	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Acenaphthene	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Acenaphthylene	49	U	49	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Acenaphthylene	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Acetone	4.1	J	18	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Acetone	3.1	J	18	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Aldrin	22	U	22	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Aldrin	22	U	22	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	alpha-BHC	22	U	22	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	alpha-BHC	22	U	22	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	alpha-Chlordane	22	U	22	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	alpha-Chlordane	22	U	22	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Aluminum	[illegible]		[illegible]	mg/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Aluminum	[illegible]		[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Anthracene	49	U	49	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Anthracene	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Antimony	2.4	U	2.4	mg/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Antimony	2.4	U	2.4	mg/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Arsenic	1.7		[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Arsenic	2.7		[illegible]	mg/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Barium	[illegible]		[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Barium	[illegible]		[illegible]	mg/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Benzene	0.28	J	1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzene	23	U	23	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo[a]anthracene	49	U	49	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Benzo[a]anthracene	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo[a]pyrene	49	U	49	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Benzo[a]pyrene	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo[b]fluoranthene	49	U	49	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Benzo[b]fluoranthene	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo[g,h,i]perylene	49	U	49	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Benzo[g,h,i]perylene	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo[k]fluoranthene	49	U	49	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Benzo[k]fluoranthene	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzyl Butyl Phthalate	49	U	49	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Benzyl Butyl Phthalate	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Beryllium	0.16	J	[illegible]	mg/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Beryllium	0.11	J	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	beta-BHC	22	U	22	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	beta-BHC	22	U	22	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	bis(2-Chloroethoxy)methane	49	U	49	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	bis(2-Chloroethoxy)methane	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	bis(2-Chloroethyl)ether	49	U	49	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	bis(2-Chloroethyl)ether	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	bis(2-Ethylhexyl)phthalate	49	U	49	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	bis(2-Ethylhexyl)phthalate	49	U	49	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Bromobenzene	23	U	23	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Bromobenzene	25	U	25	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Bromoform	23	U	23	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Bromoform	25	U	25	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Bromomethane	5.8	U	5.8	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Bromomethane	5	U	5	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Cadmium	0.31	J	[illegible]	mg/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Cadmium	0.32	J	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Calcium	[illegible]		1.1	mg/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Calcium	[illegible]		1.1	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Carbazole	49	U	49	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8270	86-74-8	Carbazole	430	U	430	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8260	75-15-0	Carbon Disulfide	2.9	U	2.9	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8260	75-15-0	Carbon Disulfide	2.5	U	2.5	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8260	56-23-5	Carbon Tetrachloride	2.9	U	2.9	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8260	56-23-5	Carbon Tetrachloride	2.5	U	2.5	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8260	108-90-7	Chlorobenzene	0.56	J	1	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8260	108-90-7	Chlorobenzene	2.9	U	2.9	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8260	124-48-1	Chlorodibromomethane	2.9	U	2.9	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8260	124-48-1	Chlorodibromomethane	2.5	U	2.5	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8260	75-00-3	Chloroethane	5.8	U	5.8	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8260	75-00-3	Chloroethane	5	U	5	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8260	67-66-3	Chloroform	2.9	U	2.9	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8260	67-66-3	Chloroform	2.5	U	2.5	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8260	74-87-3	Chloromethane	5.8	U	5.8	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8260	74-87-3	Chloromethane	5	U	5	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	6010	7440-47-3	Chromium	5.8		0.01	mg/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	6010	7440-47-3	Chromium	4.2		0.01	mg/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8270	218-01-9	Chrysene	430	U	430	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8270	218-01-9	Chrysene	430	U	430	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8260	10061-01-5	cis-1,3-Dichloropropene	2.9	U	2.9	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8260	10061-01-5	cis-1,3-Dichloropropene	2.5	U	2.5	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	6010	7440-48-4	Cobalt	3.9		0.01	mg/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	6010	7440-48-4	Cobalt	3		0.01	mg/kg
R5AM1S	Sediment		11/08/2002	Field Sample	6010	7440-50-8	Copper	4.5		0.01	mg/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	6010	7440-50-8	Copper	3.7		0.01	mg/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8151	75-99-0	Dalapon	2800	U	2800	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8151	75-99-0	Dalapon	2800	U	2800	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	680	2051-24-3	Decachlorobiphenyl	22	U	22	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	680	2051-24-3	Decachlorobiphenyl	22	U	22	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8081	319-86-8	delta-BHC	2.2	U	2.2	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8081	319-86-8	delta-BHC	2.2	U	2.2	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8270	53-70-3	Dibenzo(a,h)anthracene	430	U	430	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8270	53-70-3	Dibenzo(a,h)anthracene	430	U	430	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8270	132-64-9	Dibenzofuran	430	U	430	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8270	132-64-9	Dibenzofuran	430	U	430	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8151	1918-00-9	Dicamba	26	U	26	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8151	1918-00-9	Dicamba	26	U	26	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	680	C-DICHLORDBI	Dichlorobiphenyl	4.3	U	4.3	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	680	C-DICHLORDBI	Dichlorobiphenyl	4.3	U	4.3	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8260	75-09-2	Dichloromethane	2.9	U	2.9	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8260	75-09-2	Dichloromethane	2.5	U	2.5	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8151	120-36-5	Dichloprop	130	U	130	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8151	120-36-5	Dichloprop	130	U	130	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8081	60-57-1	Dieldrin	4.3	U	4.3	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8081	60-57-1	Dieldrin	4.3	U	4.3	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8270	84-66-2	Diethyl Phthalate	430	U	430	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8270	84-66-2	Diethyl Phthalate	430	U	430	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8270	131-11-3	Dimethyl Phthalate	430	U	430	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8270	131-11-3	Dimethyl Phthalate	430	U	430	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8270	84-74-2	Di-n-butylphthalate	430	U	430	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8270	84-74-2	Di-n-butylphthalate	430	U	430	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8270	117-84-0	Di-n-octylphthalate	430	U	430	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8270	117-84-0	Di-n-octylphthalate	430	U	430	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8270	88-85-7	Dinoseb	430	U	430	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8270	88-85-7	Dinoseb	430	U	430	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8081	959-98-8	Endosulfan I	2.2	U	2.2	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8081	959-98-8	Endosulfan I	2.2	U	2.2	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8081	33213-65-9	Endosulfan II	4.3	U	4.3	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8081	33213-65-9	Endosulfan II	4.3	U	4.3	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8081	1031-07-8	Endosulfan Sulfate	4.3	U	4.3	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8081	1031-07-8	Endosulfan Sulfate	4.3	U	4.3	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8081	72-20-8	Endrin	4.3	U	4.3	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8081	72-20-8	Endrin	4.3	U	4.3	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8081	7421-93-4	Endrin Aldehyde	4.3	U	4.3	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8081	7421-93-4	Endrin Aldehyde	4.3	U	4.3	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8081	53494-70-5	Endrin Ketone	1.3	J	0.1	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8081	53494-70-5	Endrin Ketone	4.3	U	4.3	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8260	100-41-4	Ethylbenzene	2.9	U	2.9	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8260	100-41-4	Ethylbenzene	2.5	U	2.5	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8270	206-44-0	Fluoranthene	430	U	430	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8270	206-44-0	Fluoranthene	430	U	430	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8270	86-73-7	Fluorene	430	U	430	ug/kg

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	CAS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]-BHC (Lindane)	2.2	U	2.2	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]-BHC (Lindane)	2.2	U	2.2	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]-Chlordane	2.2	U	2.2	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]-Chlordane	2.2	U	2.2	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.2	U	2.2	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.2	U	2.2	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.2	U	2.2	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.2	U	2.2	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13	U	13	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13	U	13	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	8.7	U	8.7	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	8.8	U	8.8	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible](1,2,3-cd)pyrene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible](1,2,3-cd)pyrene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	J	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	Lead	14		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Lead	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		47	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		47	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	MCPA ([illegible])	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	MCPA ([illegible])	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	MCPP	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	MCPP	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	J	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	J	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22	UJ	22	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22	UJ	22	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	14	U	14	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12	U	12	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.3	U	4.3	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.3	U	4.3	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	8.5		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6.4		[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22	U	22	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22	U	22	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13	U	13	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13	U	13	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	8.7	U	8.7	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	8.8	U	8.8	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22	U	22	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22	U	22	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	pH	7.9		1	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	pH	7.9		1	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8270	100-01-6	P-Nitroaniline	2200	U	2200	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	6010	7440-09-7	Potassium	410		94	mg/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	6010	7440-09-7	Potassium	310		94	mg/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8270	129-00-0	Pyrene	430	U	430	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8270	129-00-0	Pyrene	430	U	430	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	6010	7782-49-2	Selenium	1.2	U	1.2	mg/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	6010	7782-49-2	Selenium	1.2	U	1.2	mg/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	6010	7440-22-4	Silver	1.2	U	1.2	mg/kg
R5AM1S	Sediment		11/08/2002	Field Sample	6010	7440-22-4	Silver	1.2	U	1.2	mg/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	6010	7440-23-5	Sodium	66	J	100	mg/kg
R5AM1S	Sediment		11/08/2002	Field Sample	6010	7440-23-5	Sodium	69		100	mg/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8260	100-42-5	Styrene (Monomer)	2.9	U	2.9	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8260	100-42-5	Styrene (Monomer)	2.5	U	2.5	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	680	C-TETRACHLOR	Tetrachlorobiphenyl	8.7	U	8.7	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	680	C-TETRACHLOR	Tetrachlorobiphenyl	8.8	U	8.8	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8260	127-18-4	Tetrachloroethene	2.9	U	2.9	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8260	127-18-4	Tetrachloroethene	2.5	U	2.5	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	6010	7440-28-0	Thallium	1.2	UJ	1.2	mg/kg
R5AM1S	Sediment		11/08/2002	Field Sample	6010	7440-28-0	Thallium	1.2	UJ	1.2	mg/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8260	108-88-3	Toluene	2.9	U	2.9	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8260	108-88-3	Toluene	2.5	U	2.5	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	9060	E-10195	Total Organic Carbon	1600		500	mg/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	9060	E-10195	Total Organic Carbon	3200		500	mg/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8081	8001-35-2	Toxaphene	220	U	220	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8081	8001-35-2	Toxaphene	220	U	220	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8260	10061-02-6	trans-1,3-Dichloropropene	2.9	U	2.9	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8260	10061-02-6	trans-1,3-Dichloropropene	2.5	U	2.5	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	680	C-TRICHLOROB	Trichlorobiphenyl	4.3	U	4.3	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	680	C-TRICHLOROB	Trichlorobiphenyl	4.3	U	4.3	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8260	79-01-6	Trichloroethylene	0.19	J	1	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8260	79-01-6	Trichloroethylene	2.9	U	2.9	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	6010	7440-62-2	Vanadium	6.4		0.01	mg/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	6010	7440-62-2	Vanadium	6.4		0.01	mg/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8260	75-01-4	Vinyl chloride	5.8	U	5.8	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8260	75-01-4	Vinyl chloride	5	U	5	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	8260	1330-20-7	Xylenes, Total	5.8	U	5.8	ug/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	8260	1330-20-7	Xylenes, Total	5	U	5	ug/kg
R5AM1S	Sediment		11/08/2002	Field Sample	6010	7440-66-6	Zinc	70		0.02	mg/kg
R5AM3S	Sediment	R5AM1S	11/08/2002	Field Duplicate	6010	7440-66-6	Zinc	70		0.02	mg/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8260	71-55-6	1,1,1-Trichloroethane	2.6	U	2.6	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8260	79-34-5	1,1,2,2-Tetrachloroethane	2.6	U	2.6	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8260	79-00-5	1,1,2-Trichloroethane	2.6	U	2.6	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8260	75-34-3	1,1-Dichloroethane	2.6	U	2.6	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8260	75-35-4	1,1-Dichloroethylene	2.6	U	2.6	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8270	120-82-1	1,2,4-Trichlorobenzene	400	U	400	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8270	95-50-1	1,2-Dichlorobenzene	400	U	400	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8260	107-06-2	1,2-Dichloroethane	2.6	U	2.6	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8260	540-59-0	1,2-Dichloroethene (total)	2.6	U	2.6	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8260	78-87-5	1,2-Dichloropropane	2.6	U	2.6	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8270	541-73-1	1,3-Dichlorobenzene	400	U	400	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8270	106-46-7	1,4-Dichlorobenzene	400	U	400	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8270	108-60-1	2,2'-Oxybis(1-Chloropropane) (bis-2-Chloroisopropyl ether)	400	U	400	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8151	93-76-5	2,4,5-T	10	R	10	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8151	93-72-1	2,4,5-TP (Silvex)	10	R	10	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8270	95-95-4	2,4,5-Trichlorophenol	400	U	400	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8270	88-06-2	2,4,6-Trichlorophenol	400	U	400	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8151	94-75-7	2,4-D	7.9	J	0.5	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8151	94-82-6	2,4-DB	10	R	10	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8270	120-83-2	2,4-Dichlorophenol	400	U	400	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8270	105-67-9	2,4-Dimethylphenol	400	U	400	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8270	51-28-5	2,4-Dinitrophenol	2100	UJ	2100	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8270	121-14-2	2,4-Dinitrotoluene	400	U	400	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8270	606-20-2	2,6-Dinitrotoluene	400	U	400	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8260	78-93-3	2-Butanone (MEK)	13	U	13	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8270	91-58-7	2-Chloronaphthalene	400	U	400	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8270	95-57-8	2-Chlorophenol	400	U	400	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8270	91-57-6	2-Methylnaphthalene	400	U	400	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8270	95-48-7	2-Methylphenol (o-Cresol)	400	U	400	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8270	88-74-4	2-Nitroaniline	2100	UJ	2100	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8270	88-75-5	2-Nitrophenol	400	U	400	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8270	91-94-1	3,3'-Dichlorobenzidine	800	U	800	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8270	108-44-5	3-Methylphenol/4-Methylphenol (m&p-Cresol)	400	U	400	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Media	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2100	UJ	2100	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	4	UJ	4	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	4	U	4	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	4	U	4	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2100	U	2100	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	13	U	13	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2100	U	2100	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	200	J	18	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.1	U	2.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.1	U	2.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.1	U	2.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	1800		0.62	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.4	U	2.4	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2		0.61	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	47		0.51	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.6	U	2.6	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	0.40	U	0.40	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.1	U	2.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.6	U	2.6	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.6	U	2.6	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	5.2	UJ	5.2	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	0.61	UJ	0.61	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	3100		1.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.6	U	2.6	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.6	U	2.6	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.6	U	2.6	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.6	U	2.6	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	5.2	U	5.2	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.6	U	2.6	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	5.2	UJ	5.2	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	4.0		0.61	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.6	U	2.6	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.6		0.61	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	3		0.61	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2400	U	2400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	21	U	21	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.1	U	2.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	24	U	24	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-DIOXOR	[illegible]	4	U	4	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.6	U	2.6	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	120	U	120	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	4	U	4	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	400	UJ	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2.1	U	2.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	4	U	4	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	4	U	4	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	4	U	4	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	4	U	4	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	0.51	J	0.1	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
R5AN1S	Sediment		11/17/2002	Field Sample	8260	100-41-4	Ethylbenzene	2.6	U	2.6	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8270	206-44-0	Fluoranthene	400	U	400	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8270	86-73-7	Fluorene	400	U	400	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8081	58-89-9	gamma-BHC (Lindane)	2.1	U	2.1	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8081	5103-74-2	gamma-Chlordane	2.1	U	2.1	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8081	76-44-8	Heptachlor	2.1	UJ	2.1	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8081	1024-57-3	Heptachlor Epoxide	2.1	U	2.1	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	680	C-HEPTACHLOR	Heptachlorobiphenyl	12	U	12	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8270	118-74-1	Hexachlorobenzene	400	U	400	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	680	C-HEXACHLORO	Hexachlorobiphenyl	8.2	U	8.2	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8270	87-68-3	Hexachlorobutadiene	400	U	400	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8270	77-47-4	Hexachlorocyclopentadiene	400	UJ	400	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8270	67-72-1	Hexachloroethane	400	U	400	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8270	193-39-5	Indeno(1,2,3-cd)pyrene	400	U	400	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	6010	7439-89-6	Iron	5800		0.05	mg/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8270	78-59-1	Isophorone	400	U	400	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	6010	7439-92-1	Lead	8.1		0.005	mg/kg
R5AN1S	Sediment		11/17/2002	Field Sample	6010	7439-95-4	Magnesium	1300		47	mg/kg
R5AN1S	Sediment		11/17/2002	Field Sample	6010	7439-96-5	Manganese	99		0.01	mg/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8151	94-74-6	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	2400	R	2400	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8151	93-65-2	MCPP	2400	R	2400	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	7471	7439-97-6	Mercury	0.006	J	0.017	mg/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8081	72-43-5	Methoxychlor	21	UJ	21	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8260	591-78-6	Methyl N-Butyl Ketone	13	U	13	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	680	C-MONOCHLORO	Monochlorobiphenyl	4	U	4	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8270	91-20-3	Naphthalene	400	U	400	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	6010	7440-02-0	Nickel	6.3		0.04	mg/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8270	98-95-3	Nitrobenzene	400	U	400	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8270	621-64-7	N-Nitroso-di-n-propylamine	400	U	400	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8270	86-30-6	N-Nitrosodiphenylamine	400	U	400	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	680	C-NONACHLORO	Nonachlorobiphenyl	21	U	21	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	680	C-OCTA-BIPHE	Octachlorobiphenyl	12	U	12	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8270	106-47-8	P-Chloroaniline	800	U	800	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	680	C-PENTBIPHEN	Pentachlorobiphenyl	8.2	U	8.2	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8151	87-86-5	Pentachlorophenol	21	R	21	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	9045	PH	pH	7.3		1	units
R5AN1S	Sediment		11/17/2002	Field Sample	8270	85-01-8	Phenanthrene	400	U	400	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8270	108-95-2	Phenol	400	U	400	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8270	100-01-6	P-Nitroaniline	2100	U	2100	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	6010	7440-09-7	Potassium	280		94	mg/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8270	129-00-0	Pyrene	400	U	400	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	6010	7782-49-2	Selenium	1.2	U	1.2	mg/kg
R5AN1S	Sediment		11/17/2002	Field Sample	6010	7440-22-4	Silver	1.2	UJ	1.2	mg/kg
R5AN1S	Sediment		11/17/2002	Field Sample	6010	7440-23-5	Sodium	32	J	100	mg/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8260	100-42-5	Styrene (Monomer)	2.6	U	2.6	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	680	C-TETRACHLOR	Tetrachlorobiphenyl	8.2	U	8.2	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8260	127-18-4	Tetrachloroethene	2.6	U	2.6	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	6010	7440-28-0	Thallium	1.2	U	1.2	mg/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8260	108-88-3	Toluene	2.6	U	2.6	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	9060	E-10195	Total Organic Carbon	2400		500	mg/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8081	8001-35-2	Toxaphene	210	U	210	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8260	10061-02-6	trans-1,3-Dichloropropene	2.6	U	2.6	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	680	C-TRICHLOROB	Trichlorobiphenyl	4	U	4	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8260	79-01-6	Trichloroethylene	2.6	U	2.6	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	6010	7440-62-2	Vanadium	7.5		0.01	mg/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8260	75-01-4	Vinyl chloride	5.2	U	5.2	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	8260	1330-20-7	Xylenes, Total	3.9	J	11	ug/kg
R5AN1S	Sediment		11/17/2002	Field Sample	6010	7440-66-6	Zinc	42	J	0.02	mg/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8260	71-55-6	1,1,1-Trichloroethane	6.9	U	6.9	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8260	79-34-5	1,1,2,2-Tetrachloroethane	6.9	U	6.9	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8260	79-00-5	1,1,2-Trichloroethane	6.9	U	6.9	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8260	75-34-3	1,1-Dichloroethane	6.9	U	6.9	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8260	75-35-4	1,1-Dichloroethylene	6.9	U	6.9	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8270	120-82-1	1,2,4-Trichlorobenzene	460	U	460	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8270	95-50-1	1,2-Dichlorobenzene	460	U	460	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8260	107-06-2	1,2-Dichloroethane	6.9	U	6.9	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8260	540-59-0	1,2-Dichloroethene (total)	14	U	14	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8260	78-87-5	1,2-Dichloropropane	6.9	U	6.9	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8270	541-73-1	1,3-Dichlorobenzene	460	U	460	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8270	106-46-7	1,4-Dichlorobenzene	460	U	460	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8270	108-60-1	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	460	U	460	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8151	93-76-5	2,4,5-T	12	U	12	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4,5-TP (Silvex)	12	U	12	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4,5-Trichlorophenol	49	U	49	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4,6-Trichlorophenol	49	U	49	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-D	9.2	J	8.5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-DB	12	U	12	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-Dichlorophenol	49	U	49	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-Dimethylphenol	49	U	49	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-Dinitrophenol	249	U	249	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-Dinitrotoluene	49	U	49	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,6-Dinitrotoluene	49	U	49	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Butanone (MEK)	35	U	35	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Chloronaphthalene	49	U	49	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Chlorophenol	49	U	49	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Methylnaphthalene	49	U	49	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Methylphenol (o-Cresol)	49	U	49	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Nitroaniline	249	U	249	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Nitrophenol	49	U	49	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	3,3'-Dichlorobenzidine	99	U	99	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	3-Methylphenol/4-Methylphenol (m/p-Cresol)	49	U	49	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	3-Nitroaniline	249	U	249	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,4'-DDD	4.6	BU	4.6	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,4'-DDE	0.31	J	0.1	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,4'-DDT	0.5	J	0.1	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,6-Dinitro-2-methylphenol	249	U	249	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Bromophenyl Phenyl Ether	49	U	49	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Chloro-3-methylphenol	49	U	49	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Chlorophenyl Phenyl Ether	49	U	49	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Methyl-2-pentanone (MIBK)	35	U	35	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Nitrophenol	249	U	249	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Acenaphthene	49	U	49	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Acenaphthylene	49	U	49	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Acetone	9.1	J	15	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Aldrin	2.4	U	2.4	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	alpha-BHC	2.4	U	2.4	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	alpha-Chlordane	2.4	U	2.4	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Aluminum	[illegible]		0.02	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Anthracene	49	U	49	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Antimony	2.5	U	2.5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Arsenic	2.8		0.01	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Barium	68		0.01	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzene	0.9	U	0.9	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo(a)anthracene	49	U	49	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo(a)pyrene	49	U	49	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo(b)fluoranthene	49	U	49	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo(g,h,i)perylene	49	U	49	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo(k)fluoranthene	49	U	49	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzyl Butyl Phthalate	49	U	49	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Beryllium	0.19	J	0.05	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	beta-BHC	2.4	U	2.4	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	bis(2-Chloroethoxy)methane	49	U	49	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	bis(2-Chloroethyl)ether	49	U	49	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	bis(2-Ethylhexyl)phthalate	49	U	49	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Bromodichloromethane	0.9	U	0.9	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Bromoform	0.9	U	0.9	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Bromomethane	14	U	14	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Cadmium	0.25	J	0.05	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Calcium	[illegible]		1.1	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Carbazole	49	U	49	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Carbon Disulfide	0.9	U	0.9	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Carbon Tetrachloride	0.9	U	0.9	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chloroform	0.29	J	1	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chloromethane	0.9	U	0.9	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chrysene	14	U	14	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Cobalt	0.9	U	0.9	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Coronene	14	U	14	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Cyanide	0.3		0.01	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Cyanogen	49	U	49	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	dibenzo(a,h)anthracene	0.9	U	0.9	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Cobalt	3.7		0.01	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Copper	5.4		0.01	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dibenzofuran	249	U	249	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dimethylphenol	21	U	21	[illegible]

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
R5AU1S	Sediment		11/08/2002	Field Sample	8081	319-86-8	delta-BHC	2.4	U	2.4	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8270	53-70-3	Dibenzo(a,h)anthracene	460	U	460	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8270	132-64-9	Dibenzofuran	460	U	460	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8151	1918-00-9	Dicamba	28	U	28	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	680	C-DICHLOROBI	Dichlorobiphenyl	4.6	U	4.6	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8260	75-09-2	Dichloromethane	6.9	U	6.9	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8151	120-36-5	Dichloprop	140	U	140	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8081	60-57-1	Dieldrin	4.6	U	4.6	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8270	84-66-2	Diethyl Phthalate	460	U	460	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8270	131-11-3	Dimethyl Phthalate	460	U	460	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8270	84-74-2	Di-n-butylphthalate	460	U	460	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8270	117-84-0	Di-n-octylphthalate	460	U	460	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8270	88-85-7	Dinoseb	460	U	460	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8081	959-98-8	Endosulfan I	2.4	U	2.4	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8081	33213-65-9	Endosulfan II	4.6	U	4.6	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8081	1031-07-8	Endosulfan Sulfate	4.6	U	4.6	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8081	72-20-8	Endrin	4.6	U	4.6	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8081	7421-93-4	Endrin Aldehyde	4.6	U	4.6	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8081	53494-70-5	Endrin Ketone	4.6	U	4.6	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8260	100-41-4	Ethylbenzene	6.9	U	6.9	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8270	206-44-0	Fluoranthene	460	U	460	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8270	86-73-7	Fluorene	460	U	460	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8081	58-89-9	gamma-BHC (Lindane)	2.4	U	2.4	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8081	5103-74-2	gamma-Chlordane	2.4	U	2.4	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8081	76-44-8	Heptachlor	2.4	U	2.4	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8081	1024-57-3	Heptachlor Epoxide	2.4	U	2.4	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	680	C-HEPTACHLOR	Heptachlorobiphenyl	14	U	14	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8270	118-74-1	Hexachlorobenzene	460	U	460	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	680	C-HEXACHLORO	Hexachlorobiphenyl	9.3	U	9.3	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8270	87-68-3	Hexachlorobutadiene	460	U	460	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8270	77-47-4	Hexachlorocyclopentadiene	460	U	460	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8270	67-72-1	Hexachloroethane	460	U	460	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8270	193-39-5	Indeno(1,2,3-cd)pyrene	460	U	460	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	6010	7439-89-6	Iron	7600		0.05	mg/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8270	78-59-1	Isophorone	460	U	460	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	6010	7439-92-1	Lead	18		0.005	mg/kg
R5AU1S	Sediment		11/08/2002	Field Sample	6010	7439-95-4	Magnesium	2100		47	mg/kg
R5AU1S	Sediment		11/08/2002	Field Sample	6010	7439-96-5	Manganese	280		0.01	mg/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8151	94-74-6	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	2800	U	2800	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8151	93-65-2	MCPP	2800	U	2800	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	7471	7439-97-6	Mercury	0.028		0.017	mg/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8081	72-43-5	Methoxychlor	24	UJ	24	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8260	591-78-6	Methyl N-Butyl Ketone	35	U	35	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	680	C-MONOCHLORO	Monochlorobiphenyl	4.6	U	4.6	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8270	91-20-3	Naphthalene	460	U	460	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	6010	7440-02-0	Nickel	7.9		0.04	mg/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8270	98-95-3	Nitrobenzene	460	U	460	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8270	621-64-7	N-Nitroso-di-n-propylamine	460	U	460	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8270	86-30-6	N-Nitrosodiphenylamine	460	U	460	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	680	C-NONACHLORO	Nonachlorobiphenyl	24	U	24	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	680	C-OCTA-BIPHE	Octachlorobiphenyl	14	U	14	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8270	106-47-8	P-Chloroaniline	920	U	920	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	680	C-PENTBIPHEN	Pentachlorobiphenyl	9.3	U	9.3	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8151	87-86-5	Pentachlorophenol	24	U	24	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	9045	PH	pH	7.5		1	units
R5AU1S	Sediment		11/08/2002	Field Sample	8270	85-01-8	Phenanthrene	460	U	460	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8270	108-95-2	Phenol	460	U	460	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8270	100-01-6	P-Nitroaniline	2400	U	2400	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	6010	7440-09-7	Potassium	430		94	mg/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8270	129-00-0	Pyrene	460	U	460	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	6010	7782-49-2	Selenium	1.3	U	1.3	mg/kg
R5AU1S	Sediment		11/08/2002	Field Sample	6010	7440-22-4	Silver	1.3	U	1.3	mg/kg
R5AU1S	Sediment		11/08/2002	Field Sample	6010	7440-23-5	Sodium	64		100	mg/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8260	100-42-5	Styrene (Monomer)	6.9	U	6.9	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	680	C-TETRACHLOR	Tetrachlorobiphenyl	9.3	U	9.3	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8260	127-18-4	Tetrachloroethene	6.9	U	6.9	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	6010	7440-28-0	Thallium	1.3	UJ	1.3	mg/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8260	108-88-3	Toluene	2.4	U	2.4	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	9060	E-10195	Total Organic Carbon	4100		500	mg/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8081	8001-35-2	Toxaphene	240	U	240	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	8260	10061-02-6	trans-1,3-Dichloropropene	6.9	U	6.9	ug/kg
R5AU1S	Sediment		11/08/2002	Field Sample	680	C-TRICHLOROB	Trichlorobiphenyl	4.6	U	4.6	ug/kg

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[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.4	U	2.4	[illegible]

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
R5BM1S	Sediment		11/09/2002	Field Sample	6010	7440-38-2	Arsenic	2.9		0.01	mg/kg
R5BM1S	Sediment		11/09/2002	Field Sample	6010	7440-39-3	Barium	43		0.94	mg/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8260	71-43-2	Benzene	2.7	U	2.7	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8270	56-55-3	Benzo(a)anthracene	430	U	430	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8270	50-32-8	Benzo(a)pyrene	430	U	430	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8270	205-99-2	Benzo(b)fluoranthene	430	U	430	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8270	191-24-2	Benzo(g,h,i)perylene	430	U	430	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8270	207-08-9	Benzo(k)fluoranthene	430	U	430	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8270	85-68-7	Benzyl Butyl Phthalate	430	U	430	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	6010	7440-41-7	Beryllium	0.081	J	0.004	mg/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8081	319-85-7	beta-BHC	2.2	U	2.2	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8270	111-91-1	bis(2-Chloroethoxy)methane	430	U	430	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8270	111-44-4	bis(2-Chloroethyl)ether	430	U	430	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8270	117-81-7	bis(2-Ethylhexyl)phthalate	430	U	430	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8260	75-27-4	Bromodichloromethane	2.7	U	2.7	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8260	75-25-2	Bromoform	2.7	U	2.7	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8260	74-83-9	Bromomethane	5.4	U	5.4	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	6010	7440-43-9	Cadmium	0.85	U	0.85	mg/kg
R5BM1S	Sediment		11/09/2002	Field Sample	6010	7440-70-2	Calcium	2400		1.1	mg/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8270	86-74-8	Carbazole	430	U	430	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8260	75-15-0	Carbon Disulfide	2.7	U	2.7	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8260	56-23-5	Carbon Tetrachloride	2.7	U	2.7	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8260	108-90-7	Chlorobenzene	2.7	U	2.7	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8260	124-48-1	Chlorodibromomethane	2.7	U	2.7	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8260	75-00-3	Chloroethane	5.4	U	5.4	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8260	67-66-3	Chloroform	2.7	U	2.7	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8260	74-87-3	Chloromethane	5.4	U	5.4	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	6010	7440-47-3	Chromium	2.6		0.01	mg/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8270	218-01-9	Chrysene	430	U	430	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8260	10061-01-5	cis-1,3-Dichloropropene	2.7	U	2.7	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	6010	7440-48-4	Cobalt	2.7		0.01	mg/kg
R5BM1S	Sediment		11/09/2002	Field Sample	6010	7440-50-8	Copper	2.7		0.01	mg/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8151	75-99-0	Dalapon	2600	U	2600	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	680	2051-24-3	Decachlorobiphenyl	22	U	22	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8081	319-86-8	delta-BHC	2.2	U	2.2	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8270	53-70-3	Dibenzo(a,h)anthracene	430	U	430	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8270	132-64-9	Dibenzofuran	430	U	430	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8151	1918-00-9	Dicamba	26	U	26	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	680	C-DICHLOROBI	Dichlorobiphenyl	4.3	U	4.3	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8260	75-09-2	Dichloromethane	2.7	U	2.7	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8151	120-36-5	Dichloprop	130	U	130	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8081	60-57-1	Dieldrin	4.3	U	4.3	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8270	84-66-2	Diethyl Phthalate	430	U	430	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8270	131-11-3	Dimethyl Phthalate	430	U	430	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8270	84-74-2	Di-n-butylphthalate	430	U	430	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8270	117-84-0	Di-n-octylphthalate	430	U	430	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8270	88-85-7	Dinoseb	430	U	430	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8081	959-98-8	Endosulfan I	2.2	U	2.2	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8081	33213-65-9	Endosulfan II	4.3	U	4.3	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8081	1031-07-8	Endosulfan Sulfate	4.3	U	4.3	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8081	72-20-8	Endrin	4.3	U	4.3	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8081	7421-93-4	Endrin Aldehyde	4.3	U	4.3	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8081	53494-70-5	Endrin Ketone	4.3	U	4.3	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8260	100-41-4	Ethylbenzene	0.71	J	0.83	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8270	206-44-0	Fluoranthene	430	U	430	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8270	86-73-7	Fluorene	430	U	430	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8081	58-89-9	gamma-BHC (Lindane)	2.2	U	2.2	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8081	5103-74-2	gamma-Chlordane	2.2	U	2.2	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8081	76-44-8	Heptachlor	2.2	U	2.2	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8081	1024-57-3	Heptachlor Epoxide	2.2	UJ	2.2	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	680	C-HEPTACHLOR	Heptachlorobiphenyl	13	U	13	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8270	118-74-1	Hexachlorobenzene	430	U	430	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	680	C-HEXACHLORO	Hexachlorobiphenyl	8.7	U	8.7	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8270	87-68-3	Hexachlorobutadiene	430	U	430	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8270	77-47-4	Hexachlorocyclopentadiene	430	U	430	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8270	67-72-1	Hexachloroethane	430	U	430	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8270	193-39-5	Indeno(1,2,3-cd)pyrene	430	U	430	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	6010	7439-89-6	Iron	5100		0.05	mg/kg
R5BM1S	Sediment		11/09/2002	Field Sample	8270	78-59-1	Isophorone	430	U	430	ug/kg
R5BM1S	Sediment		11/09/2002	Field Sample	6010	7439-92-1	Lead	6.2		0.005	mg/kg
R5BM1S	Sediment		11/09/2002	Field Sample	6010	7439-95-4	Magnesium	1000		47	mg/kg
R5BM1S	Sediment		11/09/2002	Field Sample	6010	7439-96-5	Manganese	89		0.01	mg/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-DICHLORO	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-DICHLORO	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	DDD	[illegible]	J	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	DDE	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-CCTA-BPHE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-PENTAPHEN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	MOIST	[illegible]	23.1		1	%
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	PH	[illegible]	7.4		1	units
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
R6BN1S	Sediment		11/17/2002	Field Sample	8270	121-14-2	2,4-Dinitrotoluene	490	U	490	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8270	606-30-2	2,6-Dinitrotoluene	490	U	490	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8260	78-93-3	2-Butanone (MEK)	21	U	21	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8270	91-58-7	2-Chloronaphthalene	490	U	490	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8270	95-57-8	2-Chlorophenol	490	U	490	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8270	91-57-6	2-Methylnaphthalene	490	U	490	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8270	95-48-7	2-Methylphenol (o-Cresol)	490	U	490	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8270	88-74-4	2-Nitroaniline	2500	UJ	2500	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8270	88-75-5	2-Nitrophenol	490	U	490	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8270	91-94-1	3,3'-Dichlorobenzidine	980	U	980	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8270	106-44-5	3-Methylphenol/4-Methylphenol (m&p-Cresol)	490	U	490	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8270	99-09-2	3-Nitroaniline	2500	UJ	2500	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8081	72-54-8	4,4'-DDD	4.9	UJ	4.9	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8081	72-55-9	4,4'-DDE	4.9	U	4.9	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8081	50-29-3	4,4'-DDT	4.9	R	4.9	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8270	534-52-1	4,6-Dinitro-2-methylphenol	2500	U	2500	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8270	101-55-3	4-Bromophenyl Phenyl Ether	490	U	490	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8270	59-50-7	4-Chloro-3-methylphenol	490	U	490	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8270	7005-72-3	4-Chlorophenyl Phenyl Ether	490	U	490	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8260	108-10-1	4-Methyl-2-pentanone (MIBK)	21	U	21	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8270	100-02-7	4-Nitrophenol	2500	U	2500	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8270	83-32-9	Acenaphthene	490	U	490	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8270	208-96-8	Acenaphthylene	490	U	490	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8260	67-64-1	Acetone	17	J	18	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8081	309-00-2	Aldrin	2.5	U	2.5	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8081	319-84-6	alpha-BHC	2.5	U	2.5	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8081	5103-71-9	alpha-Chlordane	2.5	U	2.5	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	6010	7429-90-5	Aluminum	4700		0.02	mg/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8270	120-12-7	Anthracene	490	U	490	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	6010	7440-36-0	Antimony	3	U	3	mg/kg
R6BN1S	Sediment		11/17/2002	Field Sample	6010	7440-38-2	Arsenic	4.8		0.01	mg/kg
R6BN1S	Sediment		11/17/2002	Field Sample	6010	7440-39-3	Barium	97		0.94	mg/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8260	71-43-2	Benzene	4.3	U	4.3	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8270	56-55-3	Benzo(a)anthracene	490	U	490	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8270	50-32-8	Benzo(a)pyrene	490	U	490	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8270	205-99-2	Benzo(b)fluoranthene	490	U	490	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8270	191-24-2	Benzo(g,h,i)perylene	490	U	490	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8270	207-08-9	Benzo(k)fluoranthene	490	U	490	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8270	85-68-7	Benzyl Butyl Phthalate	490	U	490	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	6010	7440-41-7	Beryllium	0.35	J	0.004	mg/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8081	319-85-7	beta-BHC	2.5	U	2.5	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8270	111-91-1	bis(2-Chloroethoxy)methane	490	U	490	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8270	111-44-4	bis(2-Chloroethyl)ether	490	U	490	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8270	117-81-7	bis(2-Ethylhexyl)phthalate	490	U	490	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8260	75-27-4	Bromodichloromethane	4.3	U	4.3	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8260	75-25-2	Bromoform	4.3	U	4.3	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8260	74-83-9	Bromomethane	8.6	UJ	8.6	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	6010	7440-43-9	Cadmium	0.75	UJ	0.75	mg/kg
R6BN1S	Sediment		11/17/2002	Field Sample	6010	7440-70-2	Calcium	8800		1.1	mg/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8270	86-74-8	Carbazole	490	U	490	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8260	75-15-0	Carbon Disulfide	4.3	U	4.3	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8260	56-23-5	Carbon Tetrachloride	4.3	U	4.3	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8260	108-90-7	Chlorobenzene	4.3	U	4.3	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8260	124-48-1	Chlorodibromomethane	4.3	U	4.3	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8260	75-00-3	Chloroethane	8.6	U	8.6	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8260	67-66-3	Chloroform	4.3	U	4.3	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8260	74-87-3	Chloromethane	8.6	UJ	8.6	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	6010	7440-47-3	Chromium	9.4		0.01	mg/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8270	218-01-9	Chrysene	490	U	490	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8260	10061-01-5	cis-1,3-Dichloropropene	4.3	U	4.3	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	6010	7440-48-4	Cobalt	5		0.01	mg/kg
R6BN1S	Sediment		11/17/2002	Field Sample	6010	7440-50-8	Copper	9		0.01	mg/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8151	75-99-0	Dalapon	3000	R	3000	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	680	2051-24-3	Decachlorobiphenyl	25	U	25	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8081	319-86-8	delta-BHC	2.5	U	2.5	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8270	53-70-3	Dibenzo(a,h)anthracene	490	U	490	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8270	132-64-9	Dibenzofuran	490	U	490	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8151	1918-00-9	Dicamba	30	R	30	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	680	C-DICHLOROBI	Dichlorobiphenyl	4.9	U	4.9	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8260	75-09-2	Dichloromethane	4.3	U	4.3	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8151	120-36-5	Dichloprop	150	R	150	ug/kg
R6BN1S	Sediment		11/17/2002	Field Sample	8081	60-57-1	Dieldrin	4.9	U	4.9	ug/kg

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Diethyl Phthalate	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dimethyl Phthalate	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Di-n-butylphthalate	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Di-n-octylphthalate	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dinoseb	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endosulfan I	2.5	U	2.5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endosulfan II	4.9	U	4.9	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endosulfan Sulfate	4.9	U	4.9	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endrin	4.9	U	4.9	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endrin Aldehyde	4.9	U	4.9	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endrin Ketone	[illegible]	J	0.1	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Ethylbenzene	2.3	J	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Fluoranthene	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Fluorene	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	gamma-BHC (Lindane)	2.5	U	2.5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	gamma-Chlordane	2.5	U	2.5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Heptachlor	2.5	[illegible]	2.5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Heptachlor Epoxide	2.5	U	2.5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-HEPTACHLOR	Heptachlorobiphenyl	15	U	15	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Hexachlorobenzene	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-HEXACHLORO	Hexachlorobiphenyl	10	U	10	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Hexachlorobutadiene	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	77-47-4	Hexachlorocyclopentadiene	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Hexachloroethane	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Indeno(1,2,3-cd)pyrene	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Iron	[illegible]		[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Isophorone	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Lead	15		[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Magnesium	[illegible]		47	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Manganese	[illegible]		[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	[illegible]	R	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	MCPP	[illegible]	R	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	7471	[illegible]	Mercury	[illegible]	J	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Methoxychlor	25	[illegible]	25	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Methyl tert-Butyl Ether	21	U	21	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-MONOCHLORO	Monochlorobiphenyl	4.9	U	4.9	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Naphthalene	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Nickel	11		[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Nitrobenzene	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	N-Nitroso-di-n-propylamine	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	N-Nitrosodiphenylamine	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-NONACHLORO	Nonachlorobiphenyl	25	U	25	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-OCTACHLORINE	Octachlorobiphenyl	15	U	15	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	P-Chloroaniline	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-PENTACHLORO	Pentachlorobiphenyl	10	U	10	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Pentachlorophenol	25	R	25	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	PH	pH	7.1		1	units
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Phenanthrene	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Phenol	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	P-Nitroaniline	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Potassium	[illegible]		[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Pyrene	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Selenium	1.5	U	1.5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Silver	1.5	[illegible]	1.5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Sodium	[illegible]	J	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Styrene (Monomer)	4.3	U	4.3	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-TETRACHLOR	Tetrachlorobiphenyl	10	U	10	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Tetrachloroethene	4.3	U	4.3	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Thallium	1.5	U	1.5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Toluene	4.3	U	4.3	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Total Organic Carbon	[illegible]		[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Toxaphene	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	trans-1,3-Dichloropropene	4.3	U	4.3	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-TRICHLORO	Trichlorobiphenyl	4.9	U	4.9	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Trichloroethene	4.3	U	4.3	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Vanadium	[illegible]		[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	75-01-4	Vinyl chloride	8.6	U	8.6	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Xylenes, Total	14		11	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Zinc	[illegible]	J	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	71-55-6	1,1,1-Trichloroethane	2.4	U	2.4	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,1,2,2-Tetrachloroethane	2.4	U	2.4	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,1,2-Trichloroethane	2.4	U	2.4	[illegible]

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
R6BU1S	Sediment		11/09/2002	Field Sample	8260	75-34-3	1,1-Dichloroethane	2.4	U	2.4	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8260	75-35-4	1,1-Dichloroethylene	2.4	U	2.4	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8270	120-82-1	1,2,4-Trichlorobenzene	460	U	460	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8270	95-50-1	1,2-Dichlorobenzene	460	U	460	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8260	107-06-2	1,2-Dichloroethane	2.4	U	2.4	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8260	540-59-0	1,2-Dichloroethene (total)	4.8	U	4.8	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8260	78-87-5	1,2-Dichloropropane	2.4	U	2.4	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8270	541-73-1	1,3-Dichlorobenzene	460	U	460	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8270	106-46-7	1,4-Dichlorobenzene	460	U	460	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8270	108-60-1	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	460	U	460	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8151	93-76-5	2,4,5-T	12	U	12	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8151	93-72-1	2,4,5-TP (Silvex)	12	U	12	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8270	95-95-4	2,4,5-Trichlorophenol	460	U	460	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8270	88-06-2	2,4,6-Trichlorophenol	460	U	460	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8151	94-75-7	2,4-D	12	U	12	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8151	94-82-6	2,4-DB	12	U	12	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8270	120-83-2	2,4-Dichlorophenol	460	U	460	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8270	105-67-9	2,4-Dimethylphenol	460	U	460	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8270	51-28-5	2,4-Dinitrophenol	2500	U	2500	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8270	121-14-2	2,4-Dinitrotoluene	460	U	460	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8270	606-20-2	2,6-Dinitrotoluene	460	U	460	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8260	78-93-3	2-Butanone (MEK)	12	U	12	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8270	91-58-7	2-Chloronaphthalene	460	U	460	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8270	95-57-8	2-Chlorophenol	460	U	460	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8270	91-57-6	2-Methylnaphthalene	460	U	460	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8270	95-48-7	2-Methylphenol (o-Cresol)	460	U	460	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8270	88-74-4	2-Nitroaniline	2500	U	2500	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8270	88-75-5	2-Nitrophenol	460	U	460	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8270	91-94-1	3,3'-Dichlorobenzidine	970	U	970	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8270	106-44-5	3-Methylphenol/4-Methylphenol (m&p-Cresol)	460	U	460	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8270	99-09-2	3-Nitroaniline	2500	U	2500	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8081	72-54-8	4,4'-DDD	4.8	UJ	4.8	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8081	72-55-9	4,4'-DDE	0.6	J	0.1	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8081	50-29-3	4,4'-DDT	4.8	UJ	4.8	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8270	534-52-1	4,6-Dinitro-2-methylphenol	2500	U	2500	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8270	101-55-3	4-Bromophenyl Phenyl Ether	460	U	460	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8270	59-50-7	4-Chloro-3-methylphenol	460	U	460	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8270	7005-72-3	4-Chlorophenyl Phenyl Ether	460	U	460	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8260	108-10-1	4-Methyl-2-pentanone (MIBK)	12	U	12	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8270	100-02-7	4-Nitrophenol	2500	U	2500	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8270	83-32-9	Acenaphthene	460	U	460	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8270	208-96-8	Acenaphthylene	460	U	460	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8260	67-64-1	Acetone	7.8	J	16	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8081	309-00-2	Aldrin	2.5	U	2.5	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8081	319-84-6	alpha-BHC	2.5	U	2.5	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8081	5103-71-9	alpha-Chlordane	2.5	U	2.5	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	6010	7429-90-5	Aluminum	2600		0.02	mg/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8270	120-12-7	Anthracene	460	U	460	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	6010	7440-36-0	Antimony	2.5	U	2.5	mg/kg
R6BU1S	Sediment		11/09/2002	Field Sample	6010	7440-38-2	Arsenic	3.1		0.01	mg/kg
R6BU1S	Sediment		11/09/2002	Field Sample	6010	7440-39-3	Barium	63		0.94	mg/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8260	71-43-2	Benzene	2.4	U	2.4	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8270	56-55-3	Benzo(a)anthracene	460	U	460	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8270	50-32-8	Benzo(a)pyrene	460	U	460	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8270	205-99-2	Benzo(b)fluoranthene	460	U	460	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8270	191-24-2	Benzo(g,h,i)perylene	460	U	460	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8270	207-08-9	Benzo(k)fluoranthene	460	U	460	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8270	85-68-7	Benzyl Butyl Phthalate	460	U	460	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	6010	7440-41-7	Beryllium	0.16	J	0.004	mg/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8081	319-85-7	beta-BHC	2.5	U	2.5	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8270	111-91-1	bis(2-Chloroethoxy)methane	460	U	460	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8270	111-44-4	bis(2-Chloroethyl)ether	460	U	460	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8270	117-81-7	bis(2-Ethylhexyl)phthalate	460	U	460	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8260	75-27-4	Bromodichloromethane	2.4	U	2.4	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8260	75-25-2	Bromoform	2.4	U	2.4	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8260	74-83-9	Bromomethane	4.8	U	4.8	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	6010	7440-43-9	Cadmium	0.3	J	0.005	mg/kg
R6BU1S	Sediment		11/09/2002	Field Sample	6010	7440-70-2	Calcium	5800		1.1	mg/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8270	86-74-8	Carbazole	460	U	460	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8260	75-15-0	Carbon Disulfide	2.4	U	2.4	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8260	56-23-5	Carbon Tetrachloride	2.4	U	2.4	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8260	108-90-7	Chlorobenzene	0.2	J	1	ug/kg

Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.4	U	2.4	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.8	U	4.8	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.4	U	2.4	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.8	U	4.8	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5.5		[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.4	U	2.4	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.5		[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.7		[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	25	U	25	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.5	U	2.5	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.8	U	4.8	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.4	U	2.4	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.8	U	4.8	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
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[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
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[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.5	U	2.5	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.8	U	4.8	[illegible]
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[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.8	U	4.8	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.8	U	4.8	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.8	U	4.8	[illegible]
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[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.5	U	2.5	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.5	U	2.5	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.5	U	2.5	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.5	U	2.5	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	15	U	15	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9.6	U	9.6	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	J	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	25	UJ	25	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12	U	12	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.8	U	4.8	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
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[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	25	U	25	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	15	U	15	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9.6	U	9.6	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	25	U	25	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7.1		1	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.2	U	1.2	[illegible]

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
R6BU1S	Sediment		11/09/2002	Field Sample	6010	7440-22-4	Silver	1.2	U	1.2	mg/kg
R6BU1S	Sediment		11/09/2002	Field Sample	6010	7440-23-5	Sodium	67		100	mg/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8260	100-42-5	Styrene (Monomer)	0.19	J	1	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	680	C-TETRACHLOR	Tetrachlorobiphenyl	9.8	U	9.8	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8260	127-18-4	Tetrachloroethene	2.4	U	2.4	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	6010	7440-28-0	Thallium	1.2	UJ	1.2	mg/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8260	108-88-3	Toluene	2.4	U	2.4	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	9060	E-10195	Total Organic Carbon	11000		500	mg/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8081	8001-35-2	Toxaphene	250	U	250	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8260	10061-02-6	trans-1,3-Dichloropropene	2.4	U	2.4	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	680	C-TRICHLORCB	Trichlorobiphenyl	4.8	U	4.8	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8260	79-01-6	Trichloroethylene	2.4	U	2.4	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	6010	7440-62-2	Vanadium	8.5		0.01	mg/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8260	75-01-4	Vinyl chloride	4.8	U	4.8	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	8260	1330-20-7	Xylenes, Total	5		11	ug/kg
R6BU1S	Sediment		11/09/2002	Field Sample	6010	7440-66-6	Zinc	86		0.02	mg/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8260	71-55-6	1,1,1-Trichloroethane	2.5	U	2.5	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8260	79-34-5	1,1,2,2-Tetrachloroethane	2.5	U	2.5	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8260	79-00-5	1,1,2-Trichloroethane	2.5	U	2.5	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8260	75-34-3	1,1-Dichloroethane	2.5	U	2.5	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8260	75-35-4	1,1-Dichloroethylene	2.5	U	2.5	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8270	120-82-1	1,2,4-Trichlorobenzene	380	U	380	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8270	95-50-1	1,2-Dichlorobenzene	380	U	380	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8260	107-06-2	1,2-Dichloroethane	2.5	U	2.5	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8260	540-59-0	1,2-Dichloroethene (total)	5.1	U	5.1	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8260	78-87-5	1,2-Dichloropropane	2.5	U	2.5	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8270	541-73-1	1,3-Dichlorobenzene	380	U	380	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8270	106-46-7	1,4-Dichlorobenzene	380	U	380	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8270	108-60-1	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	380	U	380	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8151	93-76-5	2,4,5-T	9.6	U	9.6	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8151	93-72-1	2,4,5-TP (Silvex)	9.6	U	9.6	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8270	95-95-4	2,4,5-Trichlorophenol	380	U	380	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8270	88-06-2	2,4,6-Trichlorophenol	380	U	380	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8151	94-75-7	2,4-D	9.6	U	9.6	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8151	94-82-6	2,4-DB	9.6	U	9.6	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8270	120-83-2	2,4-Dichlorophenol	380	U	380	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8270	105-67-9	2,4-Dimethylphenol	380	U	380	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8270	51-28-5	2,4-Dinitrophenol	2000	U	2000	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8270	121-14-2	2,4-Dinitrotoluene	380	U	380	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8270	606-20-2	2,6-Dinitrotoluene	380	U	380	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8260	78-93-3	2-Butanone (MEK)	13	U	13	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8270	91-58-7	2-Chloronaphthalene	380	U	380	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8270	95-57-8	2-Chlorophenol	380	U	380	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8270	91-57-6	2-Methylnaphthalene	380	U	380	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8270	95-48-7	2-Methylphenol (o-Cresol)	380	U	380	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8270	88-74-4	2-Nitroaniline	2000	U	2000	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8270	88-75-5	2-Nitrophenol	380	U	380	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8270	91-94-1	3,3'-Dichlorobenzidine	770	U	770	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8270	108-44-5	3-Methylphenol/4-Methylphenol (m&p-Cresol)	380	U	380	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8270	99-09-2	3-Nitroaniline	2000	U	2000	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8081	72-54-8	4,4'-DDD	3.8	UJ	3.8	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8081	72-55-9	4,4'-DDE	3.8	U	3.8	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8081	50-29-3	4,4'-DDT	3.8	UJ	3.8	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8270	534-52-1	4,6-Dinitro-2-methylphenol	2000	U	2000	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8270	101-55-3	4-Bromophenyl Phenyl Ether	380	U	380	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8270	59-50-7	4-Chloro-3-methylphenol	380	U	380	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8270	7005-72-3	4-Chlorophenyl Phenyl Ether	380	U	380	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8260	108-10-1	4-Methyl-2-pentanone (MIBK)	13	U	13	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8270	100-02-7	4-Nitrophenol	2000	U	2000	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8270	83-32-9	Acenaphthene	380	U	380	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8270	208-96-8	Acenaphthylene	380	U	380	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8260	67-64-1	Acetone	4.4	J	16	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8081	309-00-2	Aldrin	2	U	2	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8081	319-84-6	alpha-BHC	2	U	2	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8081	5103-71-9	alpha-Chlordane	2	U	2	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	6010	7429-90-5	Aluminum	980		0.02	mg/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8270	120-12-7	Anthracene	380	U	380	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	6010	7440-36-0	Antimony	2.1	U	2.1	mg/kg
R6CM1S	Sediment		11/09/2002	Field Sample	6010	7440-38-2	Arsenic	2.2		0.01	mg/kg
R6CM1S	Sediment		11/09/2002	Field Sample	6010	7440-39-3	Barium	28		0.94	mg/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8260	71-43-2	Benzene	2.5	U	2.5	ug/kg
R6CM1S	Sediment		11/09/2002	Field Sample	8270	56-55-3	Benzo(a)anthracene	380	U	380	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Saugat Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Butyl Benzyl Phthalate	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Carbazole	[illegible]	J	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chrysene	2	U	2	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Bis(2-Chloroethyl)ether	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Bis(2-Chloroethyl)sulfide	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Bis(2-Ethylhexyl)phthalate	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dibromochloromethane	2.5	U	2.5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Bromoform	2.5	U	2.5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Bromomethane	5.1	U	5.1	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Cobalt	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Cobalt	[illegible]		1.1	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Carbazole	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Carbon Disulfide	2.5	U	2.5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Carbon Tetrachloride	2.5	U	2.5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chlorobenzene	2.5	U	2.5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chlorodibromomethane	2.5	U	2.5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chloroform	5.1	U	5.1	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chloromethane	2.5	U	2.5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chloroethane	5.1	U	5.1	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chromium	3.6		[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chrysene	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	cis-1,3-Dichloropropene	2.5	U	2.5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Cobalt	4.7		[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Copper	2.1	U	2.1	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Boron	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dibenzofuran	20	U	20	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	delta-BHC	2	U	2	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dibenzo(a,h)anthracene	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dibromomethane	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Diesels	20	U	20	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-DICHLORDB	Dichlorobiphenyl	3.6	U	3.6	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dichlorodifluoromethane	2.5	U	2.5	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dieldrin	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Diesel	3.6	U	3.6	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Diethyl Phthalate	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dimethyl Phthalate	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Di-n-butylphthalate	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Di-n-octylphthalate	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dioxin	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endosulfan I	2	U	2	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endosulfan II	3.6	U	3.6	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endosulfan Sulfate	3.6	U	3.6	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endrin	3.6	U	3.6	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endrin Aldehyde	3.6	U	3.6	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endrin Ketone	3.6	U	3.6	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Ethylbenzene	0.72	J	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Fluoranthene	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Fluorene	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	gamma-BHC (Lindane)	2	U	2	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	gamma-Chlordane	2	U	2	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Heptachlor	2	U	2	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Heptachlor Epoxide	2	U	2	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-HEPTACLOR	Heptachlorobiphenyl	12	U	12	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Hexachlorobenzene	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-HEXACLORO	Hexachlorobiphenyl	7.6	U	7.6	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Hexachlorobutadiene	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Hexachlorocyclopentadiene	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Hexachloroethane	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Indeno(1,2,3-cd)pyrene	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Iron	[illegible]		[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Isophorone	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Lead	3.4		[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Magnesium	[illegible]		47	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Manganese	[illegible]		[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	MCPA (Methyl-4-Chlorophenoxyacetic Acid)	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	MCPP	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Mercury	[illegible]	U	[illegible]	[illegible]
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Methoxychlor	20	U	20	[illegible]

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
R5CM1S	Sediment		11/08/2002	Field Sample	8260	591-78-6	Methyl N-Butyl Ketone	13	U	13	ug/kg
R5CM1S	Sediment		11/08/2002	Field Sample	680	C-MONOCHLORO	Monochlorobiphenyl	3.8	U	3.8	ug/kg
R5CM1S	Sediment		11/08/2002	Field Sample	8270	91-20-3	Naphthalene	380	U	380	ug/kg
R5CM1S	Sediment		11/08/2002	Field Sample	6010	7440-02-0	Nickel	7.5		0.04	mg/kg
R5CM1S	Sediment		11/08/2002	Field Sample	8270	98-95-3	Nitrobenzene	380	U	380	ug/kg
R5CM1S	Sediment		11/08/2002	Field Sample	8270	621-64-7	N-Nitroso-di-n-propylamine	380	U	380	ug/kg
R5CM1S	Sediment		11/08/2002	Field Sample	8270	86-30-6	N-Nitrosodiphenylamine	380	U	380	ug/kg
R5CM1S	Sediment		11/08/2002	Field Sample	680	C-NONACHLORO	Nonachlorobiphenyl	20	U	20	ug/kg
R5CM1S	Sediment		11/08/2002	Field Sample	680	C-OCTA-BIPHE	Octachlorobiphenyl	12	U	12	ug/kg
R5CM1S	Sediment		11/08/2002	Field Sample	8270	106-47-8	P-Chloroaniline	770	U	770	ug/kg
R5CM1S	Sediment		11/08/2002	Field Sample	680	C-PENTBIPHEN	Pentachlorobiphenyl	7.8	U	7.8	ug/kg
R5CM1S	Sediment		11/08/2002	Field Sample	8151	87-86-5	Pentachlorophenol	2.6	J	1	ug/kg
R5CM1S	Sediment		11/08/2002	Field Sample	9045	PH	pH	6.9		1	units
R5CM1S	Sediment		11/08/2002	Field Sample	8270	85-01-8	Phenanthrene	380	U	380	ug/kg
R5CM1S	Sediment		11/08/2002	Field Sample	8270	108-95-2	Phenol	380	U	380	ug/kg
R5CM1S	Sediment		11/08/2002	Field Sample	8270	100-01-6	P-Nitroaniline	2000	U	2000	ug/kg
R5CM1S	Sediment		11/08/2002	Field Sample	6010	7440-09-7	Potassium	130		94	mg/kg
R5CM1S	Sediment		11/08/2002	Field Sample	8270	129-00-0	Pyrene	380	U	380	ug/kg
R5CM1S	Sediment		11/08/2002	Field Sample	6010	7782-49-2	Selenium	1.1	U	1.1	mg/kg
R5CM1S	Sediment		11/08/2002	Field Sample	6010	7440-22-4	Silver	1.1	U	1.1	mg/kg
R5CM1S	Sediment		11/08/2002	Field Sample	6010	7440-23-5	Sodium	31	J	100	mg/kg
R5CM1S	Sediment		11/08/2002	Field Sample	8260	100-42-5	Styrene (Monomer)	2.5	U	2.5	ug/kg
R5CM1S	Sediment		11/08/2002	Field Sample	680	C-TETRACHLOR	Tetrachlorobiphenyl	7.8	U	7.8	ug/kg
R5CM1S	Sediment		11/08/2002	Field Sample	8260	127-18-4	Tetrachloroethene	2.5	U	2.5	ug/kg
R5CM1S	Sediment		11/08/2002	Field Sample	6010	7440-28-0	Thallium	1.1	UJ	1.1	mg/kg
R5CM1S	Sediment		11/08/2002	Field Sample	8260	108-88-3	Toluene	2.5	U	2.5	ug/kg
R5CM1S	Sediment		11/08/2002	Field Sample	9060	E-10195	Total Organic Carbon	500	U	500	mg/kg
R5CM1S	Sediment		11/08/2002	Field Sample	8081	8001-35-2	Toxaphene	200	U	200	ug/kg
R5CM1S	Sediment		11/08/2002	Field Sample	8260	10061-02-6	trans-1,3-Dichloropropene	2.5	U	2.5	ug/kg
R5CM1S	Sediment		11/08/2002	Field Sample	680	C-TRICHLOROB	Trichlorobiphenyl	3.8	U	3.8	ug/kg
R5CM1S	Sediment		11/08/2002	Field Sample	8260	79-01-6	Trichloroethylene	2.5	U	2.5	ug/kg
R5CM1S	Sediment		11/08/2002	Field Sample	6010	7440-62-2	Vanadium	4		0.01	mg/kg
R5CM1S	Sediment		11/08/2002	Field Sample	8260	75-01-4	Vinyl chloride	5.1	U	5.1	ug/kg
R5CM1S	Sediment		11/08/2002	Field Sample	8260	1330-20-7	Xylenes, Total	4.2	J	11	ug/kg
R5CM1S	Sediment		11/08/2002	Field Sample	6010	7440-66-6	Zinc	13		0.02	mg/kg
R6AD1S	Sediment		11/06/2002	Field Sample	8260	71-55-6	1,1,1-Trichloroethane	4.4	U	4.4	ug/kg
R6AD1S	Sediment		11/06/2002	Field Sample	8260	79-34-5	1,1,2,2-Tetrachloroethane	4.4	U	4.4	ug/kg
R6AD1S	Sediment		11/06/2002	Field Sample	8260	79-00-5	1,1,2-Trichloroethane	4.4	U	4.4	ug/kg
R6AD1S	Sediment		11/06/2002	Field Sample	8260	75-34-3	1,1-Dichloroethane	4.4	U	4.4	ug/kg
R6AD1S	Sediment		11/06/2002	Field Sample	8260	75-35-4	1,1-Dichloroethylene	4.4	U	4.4	ug/kg
R6AD1S	Sediment		11/06/2002	Field Sample	8270	120-82-1	1,2,4-Trichlorobenzene	570	U	570	ug/kg
R6AD1S	Sediment		11/06/2002	Field Sample	8270	95-50-1	1,2-Dichlorobenzene	570	U	570	ug/kg
R6AD1S	Sediment		11/06/2002	Field Sample	8260	107-06-2	1,2-Dichloroethane	4.4	U	4.4	ug/kg
R6AD1S	Sediment		11/06/2002	Field Sample	8260	540-59-0	1,2-Dichloroethene (total)	4.4	U	4.4	ug/kg
R6AD1S	Sediment		11/06/2002	Field Sample	8260	78-87-5	1,2-Dichloropropane	4.4	U	4.4	ug/kg
R6AD1S	Sediment		11/06/2002	Field Sample	8270	541-73-1	1,3-Dichlorobenzene	570	U	570	ug/kg
R6AD1S	Sediment		11/06/2002	Field Sample	8270	106-46-7	1,4-Dichlorobenzene	570	U	570	ug/kg
R6AD1S	Sediment		11/06/2002	Field Sample	8270	108-60-1	2,2'-Oxybis(1-Chloropropane) (or 2-chloroisopropyl ether)	570	U	570	ug/kg
R6AD1S	Sediment		11/06/2002	Field Sample	8151	93-76-5	2,4,5-T	14	U	14	ug/kg
R6AD1S	Sediment		11/06/2002	Field Sample	8151	93-72-1	2,4,5-TP (Silvex)	14	U	14	ug/kg
R6AD1S	Sediment		11/06/2002	Field Sample	8270	95-95-4	2,4,5-Trichlorophenol	570	U	570	ug/kg
R6AD1S	Sediment		11/06/2002	Field Sample	8270	88-06-2	2,4,6-Trichlorophenol	570	U	570	ug/kg
R6AD1S	Sediment		11/06/2002	Field Sample	8151	94-75-7	2,4-D	14	U	14	ug/kg
R6AD1S	Sediment		11/06/2002	Field Sample	8151	94-82-6	2,4-DB	14	U	14	ug/kg
R6AD1S	Sediment		11/06/2002	Field Sample	8270	120-83-2	2,4-Dichlorophenol	570	U	570	ug/kg
R6AD1S	Sediment		11/06/2002	Field Sample	8270	105-67-9	2,4-Dimethylphenol	570	U	570	ug/kg
R6AD1S	Sediment		11/06/2002	Field Sample	8270	51-28-5	2,4-Dinitrophenol	2900	U	2900	ug/kg
R6AD1S	Sediment		11/06/2002	Field Sample	8270	121-14-2	2,4-Dinitrotoluene	570	U	570	ug/kg
R6AD1S	Sediment		11/06/2002	Field Sample	8270	606-20-2	2,6-Dinitrotoluene	570	U	570	ug/kg
R6AD1S	Sediment		11/06/2002	Field Sample	8260	78-93-3	2-Butanone (MEK)	3	J	8.8	ug/kg
R6AD1S	Sediment		11/06/2002	Field Sample	8270	91-58-7	2-Chloronaphthalene	570	U	570	ug/kg
R6AD1S	Sediment		11/06/2002	Field Sample	8270	95-57-8	2-Chlorophenol	570	U	570	ug/kg
R6AD1S	Sediment		11/06/2002	Field Sample	8270	91-57-6	2-Methylnaphthalene	570	U	570	ug/kg
R6AD1S	Sediment		11/06/2002	Field Sample	8270	95-48-7	2-Methylphenol (o-Cresol)	570	U	570	ug/kg
R6AD1S	Sediment		11/06/2002	Field Sample	8270	88-74-4	2-Nitroaniline	2900	U	2900	ug/kg
R6AD1S	Sediment		11/06/2002	Field Sample	8270	88-75-5	2-Nitrophenol	570	U	570	ug/kg
R6AD1S	Sediment		11/06/2002	Field Sample	8270	91-94-1	3,3'-Dichlorobenzidine	1100	U	1100	ug/kg
R6AD1S	Sediment		11/06/2002	Field Sample	8270	108-44-5	3-Methylphenol/4-Methylphenol (m&p-Cresol)	570	U	570	ug/kg
R6AD1S	Sediment		11/06/2002	Field Sample	8270	99-09-2	3-Nitroaniline	2900	U	2900	ug/kg
R6AD1S	Sediment		11/06/2002	Field Sample	8081	72-54-8	4,4'-DDD	5.7	U	5.7	ug/kg
R6AD1S	Sediment		11/06/2002	Field Sample	8081	72-55-9	4,4'-DDE	1.7	J	0.1	ug/kg
R6AD1S	Sediment		11/06/2002	Field Sample	8081	50-29-3	4,4'-DDT	5.7	UJ	5.7	ug/kg

Appendix II-B

Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	CAS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	590	U	590	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	590	U	590	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	590	U	590	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22	U	22	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	590	U	590	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	590	U	590	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22	J	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	29	U	29	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	29	U	29	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	29	U	29	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	590	U	590	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.4	U	3.4	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5.4	J	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	140		[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.4	U	4.4	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	590	U	590	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	590	U	590	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	590	U	590	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	590	U	590	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	37	J	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	590	U	590	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.47	J	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	29	U	29	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	590	U	590	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	590	U	590	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	590	U	590	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.4	U	4.4	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.4	U	4.4	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	8.8	U	8.8	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.59	J	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		1.1	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	590	U	590	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.4	U	4.4	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.4	U	4.4	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.4	U	4.4	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.4	U	4.4	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	8.8	U	8.8	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.4	U	4.4	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	8.8	[illegible]	8.8	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	16		[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	590	U	590	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.4	U	4.4	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7	J	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	16		[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	29	U	29	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	590	U	590	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	590	U	590	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5.7	U	5.7	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.4	U	4.4	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5.7	U	5.7	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	590	U	590	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	590	U	590	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	590	U	590	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	590	U	590	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	590	U	590	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	29	U	29	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5.7	U	5.7	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5.7	U	5.7	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5.7	U	5.7	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5.7	U	5.7	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5.7	U	5.7	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.2	J	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	590	U	590	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	590	U	590	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	29	U	29	[illegible]

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
RSAD1S	Sediment		11/06/2002	Field Sample	8081	5103-74-2	gamma-Chlordane	2.9	U	2.9	ug/kg
RSAD1S	Sediment		11/06/2002	Field Sample	8081	76-44-8	Heptachlor	2.9	U	2.9	ug/kg
RSAD1S	Sediment		11/06/2002	Field Sample	8081	1024-57-3	Heptachlor Epoxide	2.9	U	2.9	ug/kg
RSAD1S	Sediment		11/06/2002	Field Sample	680	C-HEPTACHLOR	Heptachlorobiphenyl	17	U	17	ug/kg
RSAD1S	Sediment		11/06/2002	Field Sample	8270	118-74-1	Hexachlorobenzene	570	U	570	ug/kg
RSAD1S	Sediment		11/06/2002	Field Sample	680	C-HEXACHLORO	Hexachlorobiphenyl	12	U	12	ug/kg
RSAD1S	Sediment		11/06/2002	Field Sample	8270	87-68-3	Hexachlorobutadiene	570	U	570	ug/kg
RSAD1S	Sediment		11/06/2002	Field Sample	8270	77-47-4	Hexachlorocyclopentadiene	570	U	570	ug/kg
RSAD1S	Sediment		11/06/2002	Field Sample	8270	67-72-1	Hexachloroethane	570	U	570	ug/kg
RSAD1S	Sediment		11/06/2002	Field Sample	8270	193-39-5	Indeno(1,2,3-cd)pyrene	570	U	570	ug/kg
RSAD1S	Sediment		11/06/2002	Field Sample	6010	7439-89-6	Iron	15000		0.05	mg/kg
RSAD1S	Sediment		11/06/2002	Field Sample	8270	78-59-1	Isophorone	570	U	570	ug/kg
RSAD1S	Sediment		11/06/2002	Field Sample	6010	7439-92-1	Lead	20		0.005	mg/kg
RSAD1S	Sediment		11/06/2002	Field Sample	6010	7439-95-4	Magnesium	3800		47	mg/kg
RSAD1S	Sediment		11/06/2002	Field Sample	6010	7439-96-5	Manganese	860		0.01	mg/kg
RSAD1S	Sediment		11/06/2002	Field Sample	8151	94-74-6	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	3400	U	3400	ug/kg
RSAD1S	Sediment		11/06/2002	Field Sample	8151	93-65-2	MCPP	3400	U	3400	ug/kg
RSAD1S	Sediment		11/06/2002	Field Sample	7471	7439-97-6	Mercury	0.036		0.017	mg/kg
RSAD1S	Sediment		11/06/2002	Field Sample	8081	72-43-5	Methoxychlor	29	UJ	29	ug/kg
RSAD1S	Sediment		11/06/2002	Field Sample	8260	591-78-6	Methyl N-Butyl Ketone	22	U	22	ug/kg
RSAD1S	Sediment		11/06/2002	Field Sample	680	C-MONOCHLORO	Monochlorobiphenyl	5.7	U	5.7	ug/kg
RSAD1S	Sediment		11/06/2002	Field Sample	8270	91-20-3	Naphthalene	570	U	570	ug/kg
RSAD1S	Sediment		11/06/2002	Field Sample	6010	7440-02-0	Nickel	15		0.04	mg/kg
RSAD1S	Sediment		11/06/2002	Field Sample	8270	98-95-3	Nitrobenzene	570	U	570	ug/kg
RSAD1S	Sediment		11/06/2002	Field Sample	8270	621-64-7	N-Nitroso-di-n-propylamine	570	U	570	ug/kg
RSAD1S	Sediment		11/06/2002	Field Sample	8270	86-30-6	N-Nitrosodiphenylamine	570	U	570	ug/kg
RSAD1S	Sediment		11/06/2002	Field Sample	680	C-NONACHLORO	Nonachlorobiphenyl	29	U	29	ug/kg
RSAD1S	Sediment		11/06/2002	Field Sample	680	C-OCTA-BIPHE	Octachlorobiphenyl	17	U	17	ug/kg
RSAD1S	Sediment		11/06/2002	Field Sample	8270	106-47-8	P-Chloroaniline	1100	U	1100	ug/kg
RSAD1S	Sediment		11/06/2002	Field Sample	680	C-PENTBIPHEN	Pentachlorobiphenyl	12	U	12	ug/kg
RSAD1S	Sediment		11/06/2002	Field Sample	8151	87-86-5	Pentachlorophenol	29	U	29	ug/kg
RSAD1S	Sediment		11/06/2002	Field Sample	9045	PH	pH	7.5		1	units
RSAD1S	Sediment		11/06/2002	Field Sample	8270	85-01-8	Phenanthrene	570	U	570	ug/kg
RSAD1S	Sediment		11/06/2002	Field Sample	8270	108-95-2	Phenol	570	U	570	ug/kg
RSAD1S	Sediment		11/06/2002	Field Sample	8270	100-01-6	P-Nitroaniline	2900	U	2900	ug/kg
RSAD1S	Sediment		11/06/2002	Field Sample	6010	7440-09-7	Potassium	840		94	mg/kg
RSAD1S	Sediment		11/06/2002	Field Sample	8270	129-00-0	Pyrene	570	U	570	ug/kg
RSAD1S	Sediment		11/06/2002	Field Sample	6010	7782-49-2	Selenium	1.7	U	1.7	mg/kg
RSAD1S	Sediment		11/06/2002	Field Sample	6010	7440-22-4	Silver	1.7	U	1.7	mg/kg
RSAD1S	Sediment		11/06/2002	Field Sample	6010	7440-23-5	Sodium	220	U	220	mg/kg
RSAD1S	Sediment		11/06/2002	Field Sample	8260	100-42-5	Styrene (Monomer)	4.4	UJ	4.4	ug/kg
RSAD1S	Sediment		11/06/2002	Field Sample	680	C-TETRACHLOR	Tetrachlorobiphenyl	12	U	12	ug/kg
RSAD1S	Sediment		11/06/2002	Field Sample	8260	127-18-4	Tetrachloroethene	4.4	U	4.4	ug/kg
RSAD1S	Sediment		11/06/2002	Field Sample	6010	7440-28-0	Thallium	1.7	U	1.7	mg/kg
RSAD1S	Sediment		11/06/2002	Field Sample	8260	108-88-3	Toluene	2.7	J	1	ug/kg
RSAD1S	Sediment		11/06/2002	Field Sample	9060	E-10195	Total Organic Carbon	6600		500	mg/kg
RSAD1S	Sediment		11/06/2002	Field Sample	8081	8001-35-2	Toxaphene	290	U	290	ug/kg
RSAD1S	Sediment		11/06/2002	Field Sample	8260	10061-02-6	trans-1,3-Dichloropropene	4.4	U	4.4	ug/kg
RSAD1S	Sediment		11/06/2002	Field Sample	680	C-TRICHLOROB	Trichlorobiphenyl	5.7	U	5.7	ug/kg
RSAD1S	Sediment		11/06/2002	Field Sample	8260	79-01-6	Trichloroethylene	4.4	U	4.4	ug/kg
RSAD1S	Sediment		11/06/2002	Field Sample	6010	7440-62-2	Vanadium	18		0.01	mg/kg
RSAD1S	Sediment		11/06/2002	Field Sample	8260	75-01-4	Vinyl chloride	8.8	U	8.8	ug/kg
RSAD1S	Sediment		11/06/2002	Field Sample	8260	1330-20-7	Xylenes, Total	12		11	ug/kg
RSAD1S	Sediment		11/06/2002	Field Sample	6010	7440-66-6	Zinc	110		0.02	mg/kg
RSAM1S	Sediment		11/07/2002	Field Sample	8260	71-55-6	1,1,1-Trichloroethane	7.4	U	7.4	ug/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	8260	71-55-6	1,1,1-Trichloroethane	10	U	10	ug/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	8260	79-34-5	1,1,2,2-Tetrachloroethane	10	U	10	ug/kg
RSAM1S	Sediment		11/07/2002	Field Sample	8260	79-34-5	1,1,2,2-Tetrachloroethane	7.4	U	7.4	ug/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	8260	79-00-5	1,1,2-Trichloroethane	10	U	10	ug/kg
RSAM1S	Sediment		11/07/2002	Field Sample	8260	79-00-5	1,1,2-Trichloroethane	7.4	U	7.4	ug/kg
RSAM1S	Sediment		11/07/2002	Field Sample	8260	75-34-3	1,1-Dichloroethane	7.4	U	7.4	ug/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	8260	75-34-3	1,1-Dichloroethane	10	U	10	ug/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	8260	75-35-4	1,1-Dichloroethylene	10	U	10	ug/kg
RSAM1S	Sediment		11/07/2002	Field Sample	8260	75-35-4	1,1-Dichloroethylene	7.4	U	7.4	ug/kg
RSAM1S	Sediment		11/07/2002	Field Sample	8270	120-82-1	1,2,4-Trichlorobenzene	630	U	630	ug/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	8270	120-82-1	1,2,4-Trichlorobenzene	730	U	730	ug/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	8270	95-50-1	1,2-Dichlorobenzene	730	U	730	ug/kg
RSAM1S	Sediment		11/07/2002	Field Sample	8270	95-50-1	1,2-Dichlorobenzene	630	U	630	ug/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	8260	107-06-2	1,2-Dichloroethane	10	U	10	ug/kg
RSAM1S	Sediment		11/07/2002	Field Sample	8260	107-06-2	1,2-Dichloroethane	7.4	U	7.4	ug/kg
RSAM1S	Sediment		11/07/2002	Field Sample	8260	540-59-0	1,2-Dichloroethene (total)	7.4	U	7.4	ug/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	8260	540-59-0	1,2-Dichloroethene (total)	10	U	10	ug/kg

Field Sample ID	Media	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	1,3-Dichlorobenzene	10	U	10	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,3-Dichlorobenzene	7.4	U	7.4	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	1,3-Dichlorobenzene	720	U	720	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,3-Dichlorobenzene	680	U	680	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	1,4-Dichlorobenzene	720	U	720	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,4-Dichlorobenzene	680	U	680	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	2,2'-Oxybis(1-Chloropropane) (bis-2-Chloroisopropyl ether)	720	U	720	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,2'-Oxybis(1-Chloropropane) (bis-2-Chloroisopropyl ether)	680	U	680	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	2,4,5-T	16	U	16	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4,5-T	16	U	16	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4,5-TP (Silvex)	16	U	16	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	2,4,5-TP (Silvex)	16	U	16	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	2,4,5-Trichlorophenol	720	U	720	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4,5-Trichlorophenol	680	U	680	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	2,4,6-Trichlorophenol	720	U	720	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4,6-Trichlorophenol	680	U	680	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	2,4-D	16	U	16	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-D	16	U	16	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-DB	16	U	16	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	2,4-DB	16	U	16	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	2,4-Dichlorophenol	720	U	720	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-Dichlorophenol	680	U	680	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	2,4-Dimethylphenol	720	U	720	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-Dimethylphenol	680	U	680	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	2,4-Dinitrophenol	3000	U	3000	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-Dinitrophenol	3000	U	3000	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	2,4-Dinitrotoluene	720	U	720	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4-Dinitrotoluene	680	U	680	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	2,6-Dinitrotoluene	720	U	720	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,6-Dinitrotoluene	680	U	680	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Butanone (MEK)	5.5	J	5.5	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	2-Butanone (MEK)	31	U	31	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	2-Chloronaphthalene	720	U	720	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Chloronaphthalene	680	U	680	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	2-Chlorophenol	720	U	720	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Chlorophenol	680	U	680	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	2-Methylnaphthalene	720	U	720	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Methylnaphthalene	680	U	680	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Methylphenol (o-Cresol)	680	U	680	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	2-Methylphenol (o-Cresol)	720	U	720	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	2-Nitroaniline	3000	U	3000	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Nitroaniline	3000	U	3000	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	2-Nitrophenol	720	U	720	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2-Nitrophenol	680	U	680	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	3,3'-Dichlorobenzidine	1000	U	1000	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	3,3'-Dichlorobenzidine	1000	U	1000	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	3-Methylphenol/4-Methylphenol (m&p-Cresol)	720	U	720	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	3-Methylphenol/4-Methylphenol (m&p-Cresol)	680	U	680	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	3-Nitroaniline	3000	U	3000	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	3-Nitroaniline	3000	U	3000	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,4'-DDD	6.3	R	6.3	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	4,4'-DDD	7.3	UJ	7.3	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	4,4'-DDE	0.5	J	0.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,4'-DDE	0.75	J	0.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,4'-DDT	6.3	R	6.3	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	4,4'-DDT	7.3	UJ	7.3	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	4,6-Dinitro-2-methylphenol	3000	U	3000	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4,6-Dinitro-2-methylphenol	3000	U	3000	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Bromophenyl Phenyl Ether	680	U	680	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	4-Bromophenyl Phenyl Ether	720	U	720	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	4-Chloro-3-methylphenol	720	U	720	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Chloro-3-methylphenol	680	U	680	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	4-Chlorophenyl Phenyl Ether	720	U	720	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Chlorophenyl Phenyl Ether	680	U	680	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	4-Methyl-2-pentanone (MIBK)	31	U	31	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Methyl-2-pentanone (MIBK)	37	U	37	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	4-Nitroaniline	3000	U	3000	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Nitroaniline	3000	U	3000	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Acenaphthene	720	U	720	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Acenaphthene	680	U	680	ug/kg
[illegible]	Sediment	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	Acenaphthylene	720	U	720	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
RSAM1S	Sediment		11/07/2002	Field Sample	8270	208-96-8	Acenaphthylene	630	U	630	ug/kg
RSAM1S	Sediment		11/07/2002	Field Sample	8260	67-64-1	Acetone	150	J	18	ug/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	8260	67-64-1	Acetone	24	J	18	ug/kg
RSAM1S	Sediment		11/07/2002	Field Sample	8081	309-00-2	Aldrin	2.1	J	0.05	ug/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	8081	309-00-2	Aldrin	3.8	UJ	3.8	ug/kg
RSAM1S	Sediment		11/07/2002	Field Sample	8081	319-84-6	alpha-BHC	3.3	R	3.3	ug/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	8081	319-84-6	alpha-BHC	3.8	UJ	3.8	ug/kg
RSAM1S	Sediment		11/07/2002	Field Sample	8081	5103-71-9	alpha-Chlordane	3.3	R	3.3	ug/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	8081	5103-71-9	alpha-Chlordane	3.8	UJ	3.8	ug/kg
RSAM1S	Sediment		11/07/2002	Field Sample	6010	7429-90-5	Aluminum	7200		0.02	mg/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	6010	7429-90-5	Aluminum	9400		0.02	mg/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	8270	120-12-7	Anthracene	730	U	730	ug/kg
RSAM1S	Sediment		11/07/2002	Field Sample	8270	120-12-7	Anthracene	630	U	630	ug/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	6010	7440-36-0	Antimony	4.4	U	4.4	mg/kg
RSAM1S	Sediment		11/07/2002	Field Sample	6010	7440-36-0	Antimony	3.2	U	3.2	mg/kg
RSAM1S	Sediment		11/07/2002	Field Sample	6010	7440-38-2	Arsenic	4.6		0.01	mg/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	6010	7440-38-2	Arsenic	5.9		0.01	mg/kg
RSAM1S	Sediment		11/07/2002	Field Sample	6010	7440-39-3	Barium	140		0.94	mg/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	6010	7440-39-3	Barium	210		0.94	mg/kg
RSAM1S	Sediment		11/07/2002	Field Sample	8260	71-43-2	Benzene	7.4	U	7.4	ug/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	8260	71-43-2	Benzene	10	U	10	ug/kg
RSAM1S	Sediment		11/07/2002	Field Sample	8270	56-55-3	Benzo(a)anthracene	630	U	630	ug/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	8270	56-55-3	Benzo(a)anthracene	730	U	730	ug/kg
RSAM1S	Sediment		11/07/2002	Field Sample	8270	50-32-8	Benzo(a)pyrene	630	U	630	ug/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	8270	50-32-8	Benzo(a)pyrene	730	U	730	ug/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	8270	205-99-2	Benzo(b)fluoranthene	730	U	730	ug/kg
RSAM1S	Sediment		11/07/2002	Field Sample	8270	205-99-2	Benzo(b)fluoranthene	630	U	630	ug/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	8270	191-24-2	Benzo(g,h,i)perylene	730	U	730	ug/kg
RSAM1S	Sediment		11/07/2002	Field Sample	8270	191-24-2	Benzo(g,h,i)perylene	630	U	630	ug/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	8270	207-08-9	Benzo(k)fluoranthene	730	U	730	ug/kg
RSAM1S	Sediment		11/07/2002	Field Sample	8270	207-08-9	Benzo(k)fluoranthene	630	U	630	ug/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	8270	85-68-7	Benzyl Butyl Phthalate	730	U	730	ug/kg
RSAM1S	Sediment		11/07/2002	Field Sample	8270	85-68-7	Benzyl Butyl Phthalate	630	U	630	ug/kg
RSAM1S	Sediment		11/07/2002	Field Sample	6010	7440-41-7	Beryllium	0.46	J	0.004	mg/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	6010	7440-41-7	Beryllium	0.64	J	0.004	mg/kg
RSAM1S	Sediment		11/07/2002	Field Sample	8081	319-85-7	beta-BHC	3.3	R	3.3	ug/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	8081	319-85-7	beta-BHC	3.8	UJ	3.8	ug/kg
RSAM1S	Sediment		11/07/2002	Field Sample	8270	111-91-1	bis(2-Chloroethoxy)methane	630	U	630	ug/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	8270	111-91-1	bis(2-Chloroethoxy)methane	730	U	730	ug/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	8270	111-44-4	bis(2-Chloroethyl)ether	730	U	730	ug/kg
RSAM1S	Sediment		11/07/2002	Field Sample	8270	111-44-4	bis(2-Chloroethyl)ether	630	U	630	ug/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	8270	117-81-7	bis(2-Ethylhexyl)phthalate	730	U	730	ug/kg
RSAM1S	Sediment		11/07/2002	Field Sample	8270	117-81-7	bis(2-Ethylhexyl)phthalate	630	U	630	ug/kg
RSAM1S	Sediment		11/07/2002	Field Sample	8260	75-27-4	Bromodichloromethane	7.4	U	7.4	ug/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	8260	75-27-4	Bromodichloromethane	10	U	10	ug/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	8260	75-25-2	Bromoform	10	U	10	ug/kg
RSAM1S	Sediment		11/07/2002	Field Sample	8260	75-25-2	Bromoform	7.4	U	7.4	ug/kg
RSAM1S	Sediment		11/07/2002	Field Sample	8260	74-83-9	Bromomethane	15	U	15	ug/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	8260	74-83-9	Bromomethane	20	U	20	ug/kg
RSAM1S	Sediment		11/07/2002	Field Sample	6010	7440-43-9	Cadmium	0.72	J	0.005	mg/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	6010	7440-43-9	Cadmium	1.2		0.005	mg/kg
RSAM1S	Sediment		11/07/2002	Field Sample	6010	7440-70-2	Calcium	13000		1.1	mg/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	6010	7440-70-2	Calcium	18000		1.1	mg/kg
RSAM1S	Sediment		11/07/2002	Field Sample	8270	86-74-8	Carbazole	630	U	630	ug/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	8270	86-74-8	Carbazole	730	U	730	ug/kg
RSAM1S	Sediment		11/07/2002	Field Sample	8260	75-15-0	Carbon Disulfide	7.4	U	7.4	ug/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	8260	75-15-0	Carbon Disulfide	10	U	10	ug/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	8260	56-23-5	Carbon Tetrachloride	10	U	10	ug/kg
RSAM1S	Sediment		11/07/2002	Field Sample	8260	56-23-5	Carbon Tetrachloride	7.4	U	7.4	ug/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	8260	108-90-7	Chlorobenzene	10	U	10	ug/kg
RSAM1S	Sediment		11/07/2002	Field Sample	8260	108-90-7	Chlorobenzene	7.4	U	7.4	ug/kg
RSAM1S	Sediment		11/07/2002	Field Sample	8260	124-48-1	Chlorodibromomethane	7.4	U	7.4	ug/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	8260	124-48-1	Chlorodibromomethane	10	U	10	ug/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	8260	75-00-3	Chloroethane	20	U	20	ug/kg
RSAM1S	Sediment		11/07/2002	Field Sample	8260	75-00-3	Chloroethane	15	U	15	ug/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	8260	67-66-3	Chloroform	10	U	10	ug/kg
RSAM1S	Sediment		11/07/2002	Field Sample	8260	67-66-3	Chloroform	7.4	U	7.4	ug/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	8260	74-87-3	Chloromethane	20	UJ	20	ug/kg
RSAM1S	Sediment		11/07/2002	Field Sample	8260	74-87-3	Chloromethane	15	UJ	15	ug/kg
RSAM1S	Sediment		11/07/2002	Field Sample	6010	7440-47-3	Chromium	14		0.01	mg/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	6010	7440-47-3	Chromium	19		0.01	mg/kg
RSAM2S	Sediment	RSAM1S	11/07/2002	Field Duplicate	8270	218-01-9	Chrysene	38	J	10	ug/kg

Appendix II-B

Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
RBAM2S	Sediment	RBAM1S	11/07/2002	Field Duplicate	8270	77-47-4	Hexachlorocyclopentadiene	730	U	730	ug/kg
RBAM2S	Sediment	RBAM1S	11/07/2002	Field Duplicate	8270	67-72-1	Hexachloroethane	730	U	730	ug/kg
RBAM1S	Sediment		11/07/2002	Field Sample	8270	67-72-1	Hexachloroethane	630	U	630	ug/kg
RBAM2S	Sediment	RBAM1S	11/07/2002	Field Duplicate	8270	193-39-5	Indeno(1,2,3-cd)pyrene	730	U	730	ug/kg
RBAM1S	Sediment		11/07/2002	Field Sample	8270	193-39-5	Indeno(1,2,3-cd)pyrene	630	U	630	ug/kg
RBAM1S	Sediment		11/07/2002	Field Sample	6010	7439-89-6	Iron	15000		0.05	mg/kg
RBAM2S	Sediment	RBAM1S	11/07/2002	Field Duplicate	6010	7439-89-6	Iron	20000		0.05	mg/kg
RBAM1S	Sediment		11/07/2002	Field Sample	8270	78-59-1	Isophorone	630	U	630	ug/kg
RBAM2S	Sediment	RBAM1S	11/07/2002	Field Duplicate	8270	78-59-1	Isophorone	730	U	730	ug/kg
RBAM1S	Sediment		11/07/2002	Field Sample	6010	7439-92-1	Lead	29		0.005	mg/kg
RBAM2S	Sediment	RBAM1S	11/07/2002	Field Duplicate	6010	7439-92-1	Lead	35		0.005	mg/kg
RBAM1S	Sediment		11/07/2002	Field Sample	6010	7439-95-4	Magnesium	4900		47	mg/kg
RBAM2S	Sediment	RBAM1S	11/07/2002	Field Duplicate	6010	7439-95-4	Magnesium	6400		47	mg/kg
RBAM1S	Sediment		11/07/2002	Field Sample	6010	7439-96-5	Manganese	780		0.01	mg/kg
RBAM2S	Sediment	RBAM1S	11/07/2002	Field Duplicate	6010	7439-96-5	Manganese	1000		0.01	mg/kg
RBAM2S	Sediment	RBAM1S	11/07/2002	Field Duplicate	8151	94-74-6	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	4400	U	4400	ug/kg
RBAM1S	Sediment		11/07/2002	Field Sample	8151	94-74-6	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	3800	U	3800	ug/kg
RBAM1S	Sediment		11/07/2002	Field Sample	8151	93-65-2	MCPP	3800	U	3800	ug/kg
RBAM2S	Sediment	RBAM1S	11/07/2002	Field Duplicate	8151	93-65-2	MCPP	4400	U	4400	ug/kg
RBAM1S	Sediment		11/07/2002	Field Sample	7471	7439-97-6	Mercury	0.057		0.017	mg/kg
RBAM2S	Sediment	RBAM1S	11/07/2002	Field Duplicate	7471	7439-97-6	Mercury	0.061		0.017	mg/kg
RBAM1S	Sediment		11/07/2002	Field Sample	8081	72-43-5	Methoxychlor	33	R	33	ug/kg
RBAM2S	Sediment	RBAM1S	11/07/2002	Field Duplicate	8081	72-43-5	Methoxychlor	38	UJ	38	ug/kg
RBAM1S	Sediment		11/07/2002	Field Sample	8260	591-78-6	Methyl N-Butyl Ketone	37	U	37	ug/kg
RBAM2S	Sediment	RBAM1S	11/07/2002	Field Duplicate	8260	591-78-6	Methyl N-Butyl Ketone	51	U	51	ug/kg
RBAM2S	Sediment	RBAM1S	11/07/2002	Field Duplicate	680	C-MONOCHLORO	Monochlorobiphenyl	7.3	U	7.3	ug/kg
RBAM1S	Sediment		11/07/2002	Field Sample	680	C-MONOCHLORO	Monochlorobiphenyl	6.3	U	6.3	ug/kg
RBAM1S	Sediment		11/07/2002	Field Sample	8270	91-20-3	Naphthalene	630	U	630	ug/kg
RBAM2S	Sediment	RBAM1S	11/07/2002	Field Duplicate	8270	91-20-3	Naphthalene	730	U	730	ug/kg
RBAM2S	Sediment	RBAM1S	11/07/2002	Field Duplicate	6010	7440-02-0	Nickel	21		0.04	mg/kg
RBAM1S	Sediment		11/07/2002	Field Sample	6010	7440-02-0	Nickel	15		0.04	mg/kg
RBAM1S	Sediment		11/07/2002	Field Sample	8270	98-95-3	Nitrobenzene	630	U	630	ug/kg
RBAM2S	Sediment	RBAM1S	11/07/2002	Field Duplicate	8270	98-95-3	Nitrobenzene	730	U	730	ug/kg
RBAM1S	Sediment		11/07/2002	Field Sample	8270	621-64-7	N-Nitroso-di-n-propylamine	630	U	630	ug/kg
RBAM2S	Sediment	RBAM1S	11/07/2002	Field Duplicate	8270	621-64-7	N-Nitroso-di-n-propylamine	730	U	730	ug/kg
RBAM1S	Sediment		11/07/2002	Field Sample	8270	86-30-6	N-Nitrosodiphenylamine	630	U	630	ug/kg
RBAM2S	Sediment	RBAM1S	11/07/2002	Field Duplicate	8270	86-30-6	N-Nitrosodiphenylamine	730	U	730	ug/kg
RBAM1S	Sediment		11/07/2002	Field Sample	680	C-NONACHLORO	Nonachlorobiphenyl	33	U	33	ug/kg
RBAM2S	Sediment	RBAM1S	11/07/2002	Field Duplicate	680	C-NONACHLORO	Nonachlorobiphenyl	38	U	38	ug/kg
RBAM1S	Sediment		11/07/2002	Field Sample	680	C-OCTA-BIPHE	Octachlorobiphenyl	19	U	19	ug/kg
RBAM2S	Sediment	RBAM1S	11/07/2002	Field Duplicate	680	C-OCTA-BIPHE	Octachlorobiphenyl	22	U	22	ug/kg
RBAM2S	Sediment	RBAM1S	11/07/2002	Field Duplicate	8270	106-47-8	P-Chloroaniline	1500	U	1500	ug/kg
RBAM1S	Sediment		11/07/2002	Field Sample	8270	106-47-8	P-Chloroaniline	1300	U	1300	ug/kg
RBAM2S	Sediment	RBAM1S	11/07/2002	Field Duplicate	680	C-PENTBIPHEN	Pentachlorobiphenyl	15	U	15	ug/kg
RBAM1S	Sediment		11/07/2002	Field Sample	680	C-PENTBIPHEN	Pentachlorobiphenyl	13	U	13	ug/kg
RBAM1S	Sediment		11/07/2002	Field Sample	8151	87-86-5	Pentachlorophenol	33	U	33	ug/kg
RBAM2S	Sediment	RBAM1S	11/07/2002	Field Duplicate	8151	87-86-5	Pentachlorophenol	38	U	38	ug/kg
RBAM1S	Sediment		11/07/2002	Field Sample	9045	PH	pH	7.1		1	units
RBAM2S	Sediment	RBAM1S	11/07/2002	Field Duplicate	9045	PH	pH	7.1		1	units
RBAM1S	Sediment		11/07/2002	Field Sample	8270	85-01-8	Phenanthrene	630	U	630	ug/kg
RBAM2S	Sediment	RBAM1S	11/07/2002	Field Duplicate	8270	85-01-8	Phenanthrene	730	U	730	ug/kg
RBAM1S	Sediment		11/07/2002	Field Sample	8270	108-95-2	Phenol	630	U	630	ug/kg
RBAM2S	Sediment	RBAM1S	11/07/2002	Field Duplicate	8270	108-95-2	Phenol	730	U	730	ug/kg
RBAM2S	Sediment	RBAM1S	11/07/2002	Field Duplicate	8270	100-01-6	P-Nitroaniline	3800	U	3800	ug/kg
RBAM1S	Sediment		11/07/2002	Field Sample	8270	100-01-6	P-Nitroaniline	3300	U	3300	ug/kg
RBAM1S	Sediment		11/07/2002	Field Sample	6010	7440-09-7	Potassium	870		94	mg/kg
RBAM2S	Sediment	RBAM1S	11/07/2002	Field Duplicate	6010	7440-09-7	Potassium	1200		94	mg/kg
RBAM2S	Sediment	RBAM1S	11/07/2002	Field Duplicate	8270	129-00-0	Pyrene	730	U	730	ug/kg
RBAM1S	Sediment		11/07/2002	Field Sample	8270	129-00-0	Pyrene	630	U	630	ug/kg
RBAM1S	Sediment		11/07/2002	Field Sample	6010	7782-49-2	Selenium	1.6	U	1.6	mg/kg
RBAM2S	Sediment	RBAM1S	11/07/2002	Field Duplicate	6010	7782-49-2	Selenium	2.2	U	2.2	mg/kg
RBAM1S	Sediment		11/07/2002	Field Sample	6010	7440-22-4	Silver	1.6	U	1.6	mg/kg
RBAM2S	Sediment	RBAM1S	11/07/2002	Field Duplicate	6010	7440-22-4	Silver	2.2	U	2.2	mg/kg
RBAM1S	Sediment		11/07/2002	Field Sample	6010	7440-23-5	Sodium	210	U	210	mg/kg
RBAM2S	Sediment	RBAM1S	11/07/2002	Field Duplicate	6010	7440-23-5	Sodium	280	U	280	mg/kg
RBAM1S	Sediment		11/07/2002	Field Sample	8260	100-42-5	Styrene (Monomer)	37	J	1	ug/kg
RBAM2S	Sediment	RBAM1S	11/07/2002	Field Duplicate	8260	100-42-5	Styrene (Monomer)	10	UJ	10	ug/kg
RBAM1S	Sediment		11/07/2002	Field Sample	680	C-TETRACHLOR	Tetrachlorobiphenyl	13	U	13	ug/kg
RBAM2S	Sediment	RBAM1S	11/07/2002	Field Duplicate	680	C-TETRACHLOR	Tetrachlorobiphenyl	15	U	15	ug/kg
RBAM1S	Sediment		11/07/2002	Field Sample	8260	127-18-4	Tetrachloroethene	7.4	U	7.4	ug/kg
RBAM2S	Sediment	RBAM1S	11/07/2002	Field Duplicate	8260	127-18-4	Tetrachloroethene	10	U	10	ug/kg
RBAM1S	Sediment		11/07/2002	Field Sample	6010	7440-28-0	Thallium	1.6	U	1.6	mg/kg

Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

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Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
R6AU1S	Sediment		11/06/2002	Field Sample	6010	7440-36-0	Antimony	4	U	4	mg/kg
R6AU1S	Sediment		11/06/2002	Field Sample	6010	7440-38-2	Arsenic	4.8	J	0.01	mg/kg
R6AU1S	Sediment		11/06/2002	Field Sample	6010	7440-39-3	Barium	220		0.94	mg/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8260	71-43-2	Benzene	6.8	U	6.8	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8270	56-55-3	Benzo(a)anthracene	720	UJ	720	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8270	50-32-8	Benzo(a)pyrene	720	U	720	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8270	205-99-2	Benzo(b)fluoranthene	720	UJ	720	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8270	191-24-2	Benzo(g,h,i)perylene	720	U	720	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8270	207-08-9	Benzo(k)fluoranthene	720	UJ	720	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8270	85-68-7	Benzyl Butyl Phthalate	720	UJ	720	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	6010	7440-41-7	Beryllium	0.45	J	0.004	mg/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8081	319-85-7	beta-BHC	3.7	U	3.7	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8270	111-91-1	bis(2-Chloroethoxy)methane	720	UJ	720	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8270	111-44-4	bis(2-Chloroethyl)ether	720	UJ	720	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8270	117-81-7	bis(2-Ethylhexyl)phthalate	720	UJ	720	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8260	75-27-4	Bromodichloromethane	6.8	U	6.8	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8260	75-25-2	Bromoform	6.8	U	6.8	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8260	74-83-9	Bromomethane	14	U	14	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	6010	7440-43-9	Cadmium	0.95	J	0.005	mg/kg
R6AU1S	Sediment		11/06/2002	Field Sample	6010	7440-70-2	Calcium	13000		1.1	mg/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8270	86-74-8	Carbazole	720	UJ	720	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8260	75-15-0	Carbon Disulfide	6.8	U	6.8	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8260	56-23-5	Carbon Tetrachloride	6.8	U	6.8	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8260	108-90-7	Chlorobenzene	6.8	U	6.8	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8260	124-48-1	Chlorodibromomethane	6.8	U	6.8	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8260	75-00-3	Chloroethane	14	U	14	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8260	67-66-3	Chloroform	6.8	U	6.8	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8260	74-87-3	Chloromethane	14	UJ	14	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	6010	7440-47-3	Chromium	14		0.01	mg/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8270	218-01-9	Chrysene	720	UJ	720	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8260	10061-01-5	cis-1,3-Dichloropropene	6.8	U	6.8	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	6010	7440-48-4	Cobalt	7.4	J	0.01	mg/kg
R6AU1S	Sediment		11/06/2002	Field Sample	6010	7440-50-8	Copper	11		0.01	mg/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8151	75-99-0	Dalapon	4300	U	4300	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	680	2051-24-3	Decachlorobiphenyl	37	U	37	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8081	319-86-8	delta-BHC	3.7	U	3.7	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8270	53-70-3	Dibenzo(a,h)anthracene	720	UJ	720	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8270	132-64-9	Dibenzofuran	720	UJ	720	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8151	1918-00-9	Dicamba	43	U	43	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	680	C-DICHLOROBI	Dichlorobiphenyl	7.2	U	7.2	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8260	75-09-2	Dichloromethane	6.8	U	6.8	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8151	120-36-5	Dichloprop	220	U	220	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8081	60-57-1	Dieldrin	2.9	J	0.1	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8270	84-66-2	Diethyl Phthalate	720	UJ	720	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8270	131-11-3	Dimethyl Phthalate	720	UJ	720	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8270	84-74-2	Di-n-butylphthalate	720	UJ	720	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8270	117-84-0	Di-n-octylphthalate	720	UJ	720	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8270	88-85-7	Dinoseb	720	UJ	720	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8081	959-98-8	Endosulfan I	3.7	U	3.7	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8081	33213-65-9	Endosulfan II	7.2	U	7.2	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8081	1031-07-8	Endosulfan Sulfate	7.2	U	7.2	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8081	72-20-8	Endrin	7.2	U	7.2	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8081	7421-93-4	Endrin Aldehyde	7.2	U	7.2	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8081	53494-70-5	Endrin Ketone	7.2	U	7.2	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8260	100-41-4	Ethylbenzene	4.8	J	0.83	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8270	206-44-0	Fluoranthene	720	UJ	720	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8270	86-73-7	Fluorene	720	UJ	720	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8081	58-89-9	gamma-BHC (Lindane)	3.7	U	3.7	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8081	5103-74-2	gamma-Chlordane	3.7	U	3.7	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8081	76-44-8	Heptachlor	3.7	U	3.7	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8081	1024-57-3	Heptachlor Epoxide	3.7	U	3.7	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	680	C-HEPTACHLOR	Heptachlorobiphenyl	22	U	22	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8270	118-74-1	Hexachlorobenzene	720	UJ	720	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	680	C-HEXACHLORO	Hexachlorobiphenyl	14	U	14	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8270	87-68-3	Hexachlorobutadiene	720	UJ	720	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8270	77-47-4	Hexachlorocyclopentadiene	720	UJ	720	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8270	67-72-1	Hexachloroethane	720	UJ	720	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8270	193-39-5	Indeno(1,2,3-cd)pyrene	720	U	720	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	6010	7439-89-6	Iron	19000		0.05	mg/kg
R6AU1S	Sediment		11/06/2002	Field Sample	8270	78-59-1	Isophorone	720	UJ	720	ug/kg
R6AU1S	Sediment		11/06/2002	Field Sample	6010	7439-92-1	Lead	39		0.005	mg/kg
R6AU1S	Sediment		11/06/2002	Field Sample	6010	7439-95-4	Magnesium	4600		47	mg/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	37	UJ	37	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	31	U	31	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-DICHLOROPRO	[illegible]	7.2	U	7.2	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	220	UJ	220	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	15		[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	220	UJ	220	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	220	UJ	220	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	220	UJ	220	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-DICHLOLORO	[illegible]	37	U	37	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-COUMARINE	[illegible]	32	U	32	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	P-Cresolline	1400	UJ	1400	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-[illegible]	[illegible]	14	U	14	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	37	U	37	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	7.2		1	units
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	220	UJ	220	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	220	UJ	220	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2200	UJ	2200	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	220		34	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	220	UJ	220	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2	U	2	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2	U	2	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	220	U	220	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	5.4	J	1	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-TETRACHLOR	[illegible]	14	U	14	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	6.8	U	6.8	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	2	U	2	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	4.6	J	1	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Total Organic Carbon	14000		200	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	200	U	200	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	6.8	U	6.8	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	C-TRICHLOROB	[illegible]	7.2	U	7.2	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	6.8	U	6.8	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	[illegible]	20		0.01	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Vinyl chloride	14	U	14	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Xylenes, Total	31		11	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Zinc	270		0.02	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,1,1-[illegible]	4.4	U	4.4	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,1,2,2-[illegible]	4.4	U	4.4	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,1,2-[illegible]	4.4	U	4.4	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,1-[illegible]	4.4	U	4.4	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,1-[illegible]	4.4	U	4.4	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,2,3,4,6,7,8-[illegible]	0.011		0.011	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,2,3,4,6,7,8-HpCDF	0.004	U	0.004	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,2,3,4,7,8,9-HpCDF	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,2,3,4,7,8-[illegible]	0.011	U	0.011	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,2,3,4,7,8-HxCDF	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,2,3,6,7,8-[illegible]	0.012	U	0.012	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,2,3,6,7,8-HxCDF	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,2,3,7,8,9-[illegible]	0.011	U	0.011	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,2,3,7,8,9-HxCDF	0.013	U	0.013	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,2,3,7,8-[illegible]	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,2,3,7,8-[illegible]	0.013	U	0.013	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,2,4-[illegible]	40	U	40	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,3-[illegible]	40	U	40	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,3-[illegible]	4.4	U	4.4	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,3-[illegible] (total)	4.4	U	4.4	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,3-[illegible]	4.4	U	4.4	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,3-[illegible]	40	U	40	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	1,4-[illegible]	40	U	40	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,[illegible] (total)	40	U	40	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,3,4,6,7,8-HxCDF	0.011	U	0.011	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,3,4,7,8-PeCDF	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,3,7,8-TCDD	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,3,7,8-[illegible]	[illegible]	U	[illegible]	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4,5-T	11	U	11	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4,5-TP (Silvex)	11	U	11	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4,6-[illegible]	40	U	40	mg/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	2,4,6-[illegible]	40	U	40	mg/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
R6BM1S	Sediment		11/07/2002	Field Sample	8151	94-75-7	2,4-D	11	U	11	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8151	94-82-6	2,4-DB	11	U	11	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8270	120-83-2	2,4-Dichlorophenol	440	U	440	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8270	105-67-9	2,4-Dimethylphenol	440	U	440	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8270	51-28-5	2,4-Dinitrophenol	2300	U	2300	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8270	121-14-2	2,4-Dinitrotoluene	440	U	440	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8270	606-20-2	2,6-Dinitrotoluene	440	U	440	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8260	78-93-3	2-Butanone (MEK)	22	U	22	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8270	91-58-7	2-Chloronaphthalene	440	U	440	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8270	95-57-8	2-Chlorophenol	440	U	440	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8270	91-57-6	2-Methylnaphthalene	440	U	440	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8270	95-48-7	2-Methylphenol (o-Cresol)	440	U	440	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8270	88-74-4	2-Nitroaniline	2300	U	2300	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8270	88-75-5	2-Nitrophenol	440	U	440	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8270	91-94-1	3,3'-Dichlorobenzidine	880	U	880	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8270	108-44-5	3-Methylphenol/4-Methylphenol (m&p-Cresol)	440	U	440	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8270	99-09-2	3-Nitroaniline	2300	U	2300	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8081	72-54-8	4,4'-DDD	4.4	UJ	4.4	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8081	72-55-9	4,4'-DDE	0.57	J	0.1	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8081	50-29-3	4,4'-DDT	4.4	UJ	4.4	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8270	534-52-1	4,6-Dinitro-2-methylphenol	2300	U	2300	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8270	101-55-3	4-Bromophenyl Phenyl Ether	440	U	440	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8270	59-50-7	4-Chloro-3-methylphenol	440	U	440	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8270	7005-72-3	4-Chlorophenyl Phenyl Ether	440	U	440	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8260	108-10-1	4-Methyl-2-pentanone (MIBK)	22	U	22	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8270	100-02-7	4-Nitrophenol	2300	U	2300	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8270	83-32-9	Acenaphthene	440	U	440	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8270	208-96-8	Acenaphthylene	440	U	440	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8260	67-64-1	Acetone	37	J	18	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8081	309-00-2	Aldrin	2.3	UJ	2.3	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8081	319-84-6	alpha-BHC	2.3	UJ	2.3	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8081	5103-71-9	alpha-Chlordane	2.3	UJ	2.3	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	6010	7429-90-5	Aluminum	1900		0.02	mg/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8270	120-12-7	Anthracene	440	U	440	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	6010	7440-36-0	Antimony	2.4	U	2.4	mg/kg
R6BM1S	Sediment		11/07/2002	Field Sample	6010	7440-38-2	Arsenic	2.9	J	0.01	mg/kg
R6BM1S	Sediment		11/07/2002	Field Sample	6010	7440-39-3	Barium	77		0.94	mg/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8260	71-43-2	Benzene	4.4	U	4.4	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8270	56-55-3	Benzo(a)anthracene	440	U	440	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8270	50-32-8	Benzo(a)pyrene	440	U	440	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8270	205-99-2	Benzo(b)fluoranthene	440	U	440	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8270	191-24-2	Benzo(g,h,i)perylene	440	U	440	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8270	207-08-9	Benzo(k)fluoranthene	440	U	440	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8270	85-68-7	Benzyl Butyl Phthalate	440	U	440	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	6010	7440-41-7	Beryllium	0.15	J	0.004	mg/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8081	319-85-7	beta-BHC	2.3	UJ	2.3	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8270	111-91-1	bis(2-Chloroethoxy)methane	440	U	440	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8270	111-44-4	bis(2-Chloroethyl)ether	440	U	440	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8270	117-81-7	bis(2-Ethylhexyl)phthalate	440	U	440	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8260	75-27-4	Bromodichloromethane	4.4	U	4.4	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8260	75-25-2	Bromoform	4.4	U	4.4	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8260	74-83-9	Bromomethane	8.9	U	8.9	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	6010	7440-43-9	Cadmium	0.35	J	0.005	mg/kg
R6BM1S	Sediment		11/07/2002	Field Sample	6010	7440-70-2	Calcium	5800		1.1	mg/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8270	86-74-8	Carbazole	440	U	440	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8260	75-15-0	Carbon Disulfide	4.4	U	4.4	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8260	56-23-5	Carbon Tetrachloride	4.4	U	4.4	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8260	108-90-7	Chlorobenzene	4.4	U	4.4	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8260	124-48-1	Chlorodibromomethane	4.4	U	4.4	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8260	75-00-3	Chloroethane	8.9	U	8.9	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8260	67-66-3	Chloroform	4.4	U	4.4	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8260	74-87-3	Chloromethane	8.9	UJ	8.9	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	6010	7440-47-3	Chromium	4.8		0.01	mg/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8270	218-01-9	Chrysene	440	U	440	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8260	10061-01-5	cis-1,3-Dichloropropene	4.4	U	4.4	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	6010	7440-48-4	Cobalt	3.7	J	0.01	mg/kg
R6BM1S	Sediment		11/07/2002	Field Sample	6010	7440-50-8	Copper	3.4		0.01	mg/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8151	75-99-0	Dalapon	2700	U	2700	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	680	2051-24-3	Decachlorobiphenyl	23	U	23	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8081	319-86-8	delta-BHC	2.3	UJ	2.3	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8270	53-70-3	Dibenz(a,h)anthracene	440	U	440	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8270	132-64-9	Dibenzofuran	440	U	440	ug/kg

Appendix II-B

Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	27	U	27	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.4	U	4.4	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.4	U	4.4	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.4	UJ	4.4	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.3	UJ	2.3	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.4	UJ	4.4	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.4	UJ	4.4	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.4	UJ	4.4	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.4	UJ	4.4	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.4	UJ	4.4	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.8	J	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	gamma-BHC (Lindane)	2.3	UJ	2.3	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	gamma-Chlordane	8.4	J	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.3	UJ	2.3	[illegible]
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[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	23.9		1	%
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	pH	7.5		1	[illegible]
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[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.2	UJ	1.2	[illegible]
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[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	TotalHxCDF	[illegible]	U	[illegible]	[illegible]

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
R6BM1S	Sediment		11/07/2002	Field Sample	9060	E-10195	Total Organic Carbon	800	U	800	mg/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8290	36088-22-9	Total PeCDD	0.0013	U	0.0013	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8290	30402-15-4	Total PeCDF	0.00081	U	0.00081	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8290	41903-57-5	Total TCDD	0.001		0.00013	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8290	55722-27-5	Total TCDF	0.00044	U	0.00044	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8081	8001-35-2	Toxaphene	250	UJ	250	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8260	10061-02-6	trans-1,3-Dichloropropene	4.4	U	4.4	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	680	C-TRICHLOROB	Trichlorobiphenyl	4.4	U	4.4	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8260	79-01-6	Trichloroethylene	4.4	U	4.4	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	6010	7440-62-2	Vanadium	7.6		0.01	mg/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8260	75-01-4	Vinyl chloride	8.9	U	8.9	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	8260	1330-20-7	Xylenes, Total	21		11	ug/kg
R6BM1S	Sediment		11/07/2002	Field Sample	6010	7440-66-6	Zinc	91		0.02	mg/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8260	71-55-6	1,1,1-Trichloroethane	3.3	U	3.3	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8260	79-34-5	1,1,2,2-Tetrachloroethane	3.3	U	3.3	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8260	79-00-5	1,1,2-Trichloroethane	3.3	U	3.3	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8260	75-34-3	1,1-Dichloroethane	3.3	U	3.3	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8260	75-35-4	1,1-Dichloroethylene	3.3	U	3.3	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8270	120-82-1	1,2,4-Trichlorobenzene	470	U	470	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8270	95-50-1	1,2-Dichlorobenzene	470	U	470	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8260	107-06-2	1,2-Dichloroethane	3.3	U	3.3	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8260	540-59-0	1,2-Dichloroethene (total)	3.3	U	3.3	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8260	78-87-5	1,2-Dichloropropane	3.3	U	3.3	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8270	541-73-1	1,3-Dichlorobenzene	470	U	470	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8270	106-46-7	1,4-Dichlorobenzene	470	U	470	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8270	108-60-1	2,2'-Oxybis(1-Chloropropane) (bis-2-Chloroisopropyl ether)	470	U	470	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8151	93-76-5	2,4,5-T	12	U	12	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8151	93-72-1	2,4,5-TP (Silvex)	12	U	12	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8270	95-95-4	2,4,5-Trichlorophenol	470	U	470	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8270	88-06-2	2,4,6-Trichlorophenol	470	U	470	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8151	94-75-7	2,4-D	12	U	12	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8151	94-82-6	2,4-DB	12	U	12	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8270	120-83-2	2,4-Dichlorophenol	470	U	470	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8270	105-67-9	2,4-Dimethylphenol	470	U	470	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8270	51-28-5	2,4-Dinitrophenol	2400	U	2400	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8270	121-14-2	2,4-Dinitrotoluene	470	U	470	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8270	606-20-2	2,6-Dinitrotoluene	470	U	470	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8260	78-93-3	2-Butanone (MEK)	3.1	J	8.8	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8270	91-58-7	2-Chloronaphthalene	470	U	470	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8270	95-57-8	2-Chlorophenol	470	U	470	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8270	91-57-6	2-Methylnaphthalene	470	U	470	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8270	95-48-7	2-Methylphenol (o-Cresol)	470	U	470	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8270	88-74-4	2-Nitroaniline	2400	U	2400	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8270	88-75-5	2-Nitrophenol	470	U	470	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8270	91-94-1	3,3'-Dichlorobenzidine	940	U	940	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8270	108-44-5	3-Methylphenol/4-Methylphenol (m&p-Cresol)	470	U	470	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8270	99-09-2	3-Nitroaniline	2400	U	2400	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8081	72-54-8	4,4'-DDD	4.7	U	4.7	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8081	72-55-9	4,4'-DDE	1.1	J	0.1	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8081	50-29-3	4,4'-DDT	4.7	UJ	4.7	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8270	534-52-1	4,6-Dinitro-2-methylphenol	2400	U	2400	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8270	101-55-3	4-Bromophenyl Phenyl Ether	470	U	470	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8270	59-50-7	4-Chloro-3-methylphenol	470	U	470	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8270	7005-72-3	4-Chlorophenyl Phenyl Ether	470	U	470	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8260	108-10-1	4-Methyl-2-pentanone (MIBK)	17	U	17	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8270	100-02-7	4-Nitrophenol	2400	U	2400	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8270	83-32-9	Acenaphthene	470	U	470	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8270	208-96-8	Acenaphthylene	470	U	470	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8260	67-64-1	Acetone	20	J	18	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8081	309-00-2	Aldrin	2.4	U	2.4	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8081	319-84-6	alpha-BHC	2.4	U	2.4	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8081	5103-71-9	alpha-Chlordane	2.4	U	2.4	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	6010	7429-90-5	Aluminum	3200		0.02	mg/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8270	120-12-7	Anthracene	470	U	470	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	6010	7440-36-0	Antimony	2.6	U	2.6	mg/kg
R6BU1S	Sediment		11/06/2002	Field Sample	6010	7440-38-2	Arsenic	2.9	J	0.01	mg/kg
R6BU1S	Sediment		11/06/2002	Field Sample	6010	7440-39-3	Barium	110		0.94	mg/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8260	71-43-2	Benzene	3.3	U	3.3	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8270	56-55-3	Benzo(a)anthracene	470	U	470	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8270	50-32-8	Benzo(a)pyrene	470	U	470	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8270	205-99-2	Benzo(b)fluoranthene	470	U	470	ug/kg
R6BU1S	Sediment		11/06/2002	Field Sample	8270	191-24-2	Benzo(g,h,i)perylene	470	U	470	ug/kg

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6.7	U	6.7	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.3	U	3.3	[illegible]
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[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.4	U	2.4	[illegible]
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[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.4	U	2.4	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.4	U	2.4	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	14	U	14	[illegible]
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[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	Lead	[illegible]		[illegible]	[illegible]
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[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	MCPP	[illegible]	U	[illegible]	[illegible]
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[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	17	U	17	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.7	U	4.7	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	U	[illegible]	[illegible]

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
R8BU1S	Sediment		11/08/2002	Field Sample	6010	7440-02-0	Nickel	9.5		0.04	mg/kg
R8BU1S	Sediment		11/08/2002	Field Sample	8270	98-95-3	Nitrobenzene	470	U	470	ug/kg
R8BU1S	Sediment		11/08/2002	Field Sample	8270	621-64-7	N-Nitroso-di-n-propylamine	470	U	470	ug/kg
R8BU1S	Sediment		11/08/2002	Field Sample	8270	86-30-6	N-Nitrosodiphenylamine	470	U	470	ug/kg
R8BU1S	Sediment		11/08/2002	Field Sample	680	C-NONACHLORO	Nonachlorobiphenyl	24	U	24	ug/kg
R8BU1S	Sediment		11/08/2002	Field Sample	680	C-OCTA-BIPHE	Octachlorobiphenyl	14	U	14	ug/kg
R8BU1S	Sediment		11/08/2002	Field Sample	8270	106-47-8	P-Chloroaniline	940	U	940	ug/kg
R8BU1S	Sediment		11/08/2002	Field Sample	680	C-PENTBIPHEN	Pentachlorobiphenyl	9.6	U	9.6	ug/kg
R8BU1S	Sediment		11/08/2002	Field Sample	8151	87-86-5	Pentachlorophenol	24	U	24	ug/kg
R8BU1S	Sediment		11/08/2002	Field Sample	9045	PH	pH	7.5		1	units
R8BU1S	Sediment		11/08/2002	Field Sample	8270	85-01-8	Phenanthrene	470	U	470	ug/kg
R8BU1S	Sediment		11/08/2002	Field Sample	8270	108-95-2	Phenol	470	U	470	ug/kg
R8BU1S	Sediment		11/08/2002	Field Sample	8270	100-01-6	P-Nitroaniline	2400	U	2400	ug/kg
R8BU1S	Sediment		11/08/2002	Field Sample	6010	7440-09-7	Potassium	500		94	mg/kg
R8BU1S	Sediment		11/08/2002	Field Sample	8270	129-00-0	Pyrene	470	U	470	ug/kg
R8BU1S	Sediment		11/08/2002	Field Sample	6010	7782-49-2	Selenium	1.3	U	1.3	mg/kg
R8BU1S	Sediment		11/08/2002	Field Sample	6010	7440-22-4	Silver	1.3	U	1.3	mg/kg
R8BU1S	Sediment		11/08/2002	Field Sample	6010	7440-23-5	Sodium	180	U	180	mg/kg
R8BU1S	Sediment		11/08/2002	Field Sample	8260	100-42-5	Styrene (Monomer)	3.3	UJ	3.3	ug/kg
R8BU1S	Sediment		11/08/2002	Field Sample	680	C-TETRACHLOR	Tetrachlorobiphenyl	9.6	U	9.6	ug/kg
R8BU1S	Sediment		11/08/2002	Field Sample	8260	127-18-4	Tetrachloroethene	3.3	U	3.3	ug/kg
R8BU1S	Sediment		11/08/2002	Field Sample	6010	7440-28-0	Thallium	1.3	U	1.3	mg/kg
R8BU1S	Sediment		11/08/2002	Field Sample	8260	108-88-3	Toluene	2.4	J	1	ug/kg
R8BU1S	Sediment		11/08/2002	Field Sample	9060	E-10195	Total Organic Carbon	11000		500	mg/kg
R8BU1S	Sediment		11/08/2002	Field Sample	8081	8001-35-2	Toxaphene	240	U	240	ug/kg
R8BU1S	Sediment		11/08/2002	Field Sample	8260	10061-02-6	trans-1,3-Dichloropropene	3.3	U	3.3	ug/kg
R8BU1S	Sediment		11/08/2002	Field Sample	680	C-TRICHLOROB	Trichlorobiphenyl	4.7	U	4.7	ug/kg
R8BU1S	Sediment		11/08/2002	Field Sample	8260	79-01-6	Trichloroethylene	3.3	U	3.3	ug/kg
R8BU1S	Sediment		11/08/2002	Field Sample	6010	7440-62-2	Vanadium	11		0.01	mg/kg
R8BU1S	Sediment		11/08/2002	Field Sample	8260	75-01-4	Vinyl chloride	6.7	U	6.7	ug/kg
R8BU1S	Sediment		11/08/2002	Field Sample	8260	1330-20-7	Xylenes, Total	11		11	ug/kg
R8BU1S	Sediment		11/08/2002	Field Sample	6010	7440-66-6	Zinc	130		0.02	mg/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8260	71-55-6	1,1,1-Trichloroethane	3	U	3	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8260	79-34-5	1,1,2,2-Tetrachloroethane	3	U	3	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8260	79-00-5	1,1,2-Trichloroethane	3	U	3	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8260	75-34-3	1,1-Dichloroethane	3	U	3	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8260	75-35-4	1,1-Dichloroethylene	3	U	3	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8270	120-82-1	1,2,4-Trichlorobenzene	420	U	420	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8270	95-50-1	1,2-Dichlorobenzene	420	U	420	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8260	107-06-2	1,2-Dichloroethane	3	U	3	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8260	540-59-0	1,2-Dichloroethene (total)	3	U	3	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8260	78-87-5	1,2-Dichloropropane	3	U	3	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8270	541-73-1	1,3-Dichlorobenzene	420	U	420	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8270	106-46-7	1,4-Dichlorobenzene	420	U	420	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8270	108-60-1	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	420	U	420	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8151	93-76-5	2,4,5-T	10	U	10	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8151	93-72-1	2,4,5-TP (Silvex)	10	U	10	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8270	95-95-4	2,4,5-Trichlorophenol	420	U	420	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8270	88-06-2	2,4,6-Trichlorophenol	420	U	420	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8151	94-75-7	2,4-D	10	U	10	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8151	94-82-6	2,4-DB	10	U	10	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8270	120-83-2	2,4-Dichlorophenol	420	U	420	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8270	105-67-9	2,4-Dimethylphenol	420	U	420	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8270	51-28-5	2,4-Dinitrophenol	2200	U	2200	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8270	121-14-2	2,4-Dinitrotoluene	420	U	420	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8270	606-20-2	2,6-Dinitrotoluene	420	U	420	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8260	78-93-3	2-Butanone (MEK)	15	U	15	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8270	91-58-7	2-Chloronaphthalene	420	U	420	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8270	95-57-8	2-Chlorophenol	420	U	420	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8270	91-57-6	2-Methylnaphthalene	420	U	420	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8270	95-48-7	2-Methylphenol (o-Cresol)	420	U	420	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8270	88-74-4	2-Nitroaniline	2200	U	2200	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8270	88-75-5	2-Nitrophenol	420	U	420	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8270	91-94-1	3,3'-Dichlorobenzidine	840	U	840	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8270	108-44-5	3-Methylphenol/4-Methylphenol (m&p-Cresol)	420	U	420	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8270	99-09-2	3-Nitroaniline	2200	U	2200	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8081	72-54-8	4,4'-DDD	4.2	R	4.2	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8081	72-55-9	4,4'-DDE	4.2	R	4.2	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8081	50-29-3	4,4'-DDT	4.2	R	4.2	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8270	534-52-1	4,6-Dinitro-2-methylphenol	2200	U	2200	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8270	101-55-3	4-Bromophenyl Phenyl Ether	420	U	420	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8270	59-50-7	4-Chloro-3-methylphenol	420	U	420	ug/kg

Appendix B-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Chlorophenyl Phenyl Ether	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Methyl-2-pentanone (MIBK)	15	U	15	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	4-Nitrophenol	2000	U	2000	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Acenaphthene	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Acenaphthylene	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Acetone	5.5	J	10	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Aldrin	22	R	22	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	alpha-BHC	22	R	22	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	alpha-Chlordane	22	R	22	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Aluminum	[illegible]		[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Anthracene	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Antimony	23	U	23	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Arsenic	1.4	J	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Barium	21		[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzene	3	U	3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo[a]anthracene	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo[a]pyrene	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo[b]fluoranthene	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo[g,h,i]perylene	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzo[k]fluoranthene	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Benzyl Butyl Phthalate	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Beryllium	[illegible]	J	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	beta-BHC	22	R	22	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	bis(2-Chloroethoxy)methane	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	bis(2-Chloroethyl)ether	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	bis(2-Ethylhexyl)phthalate	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Bromobenzene	3	U	3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Bromodichloromethane	3	U	3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Bromoform	6	U	6	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Cadmium	0.58	U	0.58	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Calcium	[illegible]		1.1	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Carbazole	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Carbon disulfide	3	U	3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Carbon tetrachloride	3	U	3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chlorobenzene	3	U	3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chlorodibromomethane	3	U	3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chloroform	6	U	6	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chloromethane	3	U	3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chromium	6	UJ	6	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Chrysene	25		[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Cobalt	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	cis-1,3-Dichloropropene	3	U	3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Copper	23	J	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Cyanide	23	U	23	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dibenzofuran	[illegible]	U	[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dibromochloromethane	2	U	2	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	delta-BHC	22	R	22	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dibenzo[a,h]anthracene	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dibenzofuran	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dieldrin	35	U	35	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	CHCHLORDE	Diethylphenyl	4.2	U	4.2	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Diethylsulfone	3	U	3	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Diethylzinc	10	U	10	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dieldrin	4.2	R	4.2	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Diethyl Phthalate	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dimethyl Phthalate	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Di-n-butyl Phthalate	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Di-n-octyl Phthalate	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Dinoseb	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endosulfan I	22	R	22	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endosulfan II	4.2	R	4.2	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endosulfan Sulfate	4.2	R	4.2	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endrin	4.2	R	4.2	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endrin Aldehyde	4.2	R	4.2	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Endrin Ketone	4.2	R	4.2	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Ethylbenzene	3.8		[illegible]	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Fluoranthene	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Fluorene	400	U	400	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	gamma-BHC (Lindane)	22	R	22	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	gamma-Chlordane	22	R	22	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Heptachlor	22	R	22	ug/kg
[illegible]	Sediment		[illegible]	Field Sample	[illegible]	[illegible]	Heptachlor Epoxide	22	R	22	ug/kg

Appendix II-B
Results of Chemical Analysis of Sediments Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Matrix	Parent Sample	Sample Date	Sample Type	Method	CAS	Analyte	Result	Qualifier	Reporting Limit	Units
R8CM1S	Sediment		11/07/2002	Field Sample	680	C-HEPTACHLOR	Heptachlorobiphenyl	13	U	13	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8270	118-74-1	Hexachlorobenzene	420	U	420	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	680	C-HEXACHLORO	Hexachlorobiphenyl	8.5	U	8.5	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8270	87-68-3	Hexachlorobutadiene	420	U	420	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8270	77-47-4	Hexachlorocyclopentadiene	420	U	420	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8270	67-72-1	Hexachloroethane	420	U	420	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8270	193-39-5	Indeno(1,2,3-cd)pyrene	420	U	420	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	6010	7439-89-6	Iron	4200		0.05	mg/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8270	78-59-1	Isophorone	420	U	420	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	6010	7439-92-1	Lead	3		0.005	mg/kg
R8CM1S	Sediment		11/07/2002	Field Sample	6010	7439-95-4	Magnesium	770		47	mg/kg
R8CM1S	Sediment		11/07/2002	Field Sample	6010	7439-96-5	Manganese	130		0.01	mg/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8151	94-74-6	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	2500	U	2500	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8151	93-65-2	MCPP	2500	U	2500	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	7471	7439-97-6	Mercury	0.021	U	0.021	mg/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8081	72-43-5	Methoxychlor	22	R	22	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8260	591-78-6	Methyl N-Butyl Ketone	15	U	15	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	680	C-MONOCHLORO	Monochlorobiphenyl	4.2	U	4.2	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8270	91-20-3	Naphthalene	420	U	420	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	6010	7440-02-0	Nickel	5.4		0.04	mg/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8270	98-95-3	Nitrobenzene	420	U	420	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8270	621-64-7	N-Nitroso-di-n-propylamine	420	U	420	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8270	86-30-6	N-Nitrosodiphenylamine	420	U	420	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	680	C-NONACHLORO	Nonachlorobiphenyl	22	U	22	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	680	C-OCTA-BIPHE	Octachlorobiphenyl	13	U	13	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8270	106-47-8	P-Chloroaniline	840	U	840	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	680	C-PENTBIPHEN	Pentachlorobiphenyl	8.5	U	8.5	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8151	87-86-5	Pentachlorophenol	22	U	22	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	9045	PH	pH	7.6		1	units
R8CM1S	Sediment		11/07/2002	Field Sample	8270	85-01-8	Phenanthrene	420	U	420	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8270	108-95-2	Phenol	420	U	420	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8270	100-01-6	P-Nitroaniline	2200	U	2200	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	6010	7440-09-7	Potassium	160		94	mg/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8270	129-00-0	Pyrene	420	U	420	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	6010	7782-49-2	Selenium	1.2	U	1.2	mg/kg
R8CM1S	Sediment		11/07/2002	Field Sample	6010	7440-22-4	Silver	1.2	U	1.2	mg/kg
R8CM1S	Sediment		11/07/2002	Field Sample	6010	7440-23-5	Sodium	80	U	80	mg/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8260	100-42-5	Styrene (Monomer)	3	UJ	3	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	680	C-TETRACHLOR	Tetrachlorobiphenyl	8.5	U	8.5	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8260	127-18-4	Tetrachloroethene	3	U	3	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	6010	7440-28-0	Thallium	1.2	UJ	1.2	mg/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8260	108-88-3	Toluene	4.4		1	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	9060	E-10195	Total Organic Carbon	800	U	800	mg/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8081	8001-35-2	Toxaphene	220	R	220	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8260	10061-02-6	trans-1,3-Dichloropropene	3	U	3	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	680	C-TRICHLORO8	Trichlorobiphenyl	4.2	U	4.2	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8260	79-01-6	Trichloroethylene	3	U	3	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	6010	7440-62-2	Vanadium	3.7		0.01	mg/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8260	75-01-4	Vinyl chloride	6	U	6	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	8260	1330-20-7	Xylenes, Total	22		11	ug/kg
R8CM1S	Sediment		11/07/2002	Field Sample	6010	7440-66-6	Zinc	9.4		0.02	mg/kg

Appendix II-C

Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R1AD1W		False	11/15/2002	Field Sample	8260	71-55-6	T	1,1,1-Trichloroethane	1	UJ	1	ug/l
R1AD1W		False	11/15/2002	Field Sample	8260	79-34-5	T	1,1,2,2-Tetrachloroethane	1	U	1	ug/l
R1AD1W		False	11/15/2002	Field Sample	8260	79-00-5	T	1,1,2-Trichloroethane	1	U	1	ug/l
R1AD1W		False	11/15/2002	Field Sample	8260	75-34-3	T	1,1-Dichloroethane	1	U	1	ug/l
R1AD1W		False	11/15/2002	Field Sample	8260	75-35-4	T	1,1-Dichloroethylene	1	U	1	ug/l
R1AD1W		False	11/15/2002	Field Sample	8270	120-82-1	T	1,2,4-Trichlorobenzene	10	U	10	ug/l
R1AD1W		False	11/15/2002	Field Sample	8270	95-50-1	T	1,2-Dichlorobenzene	10	U	10	ug/l
R1AD1W		False	11/15/2002	Field Sample	8260	107-06-2	T	1,2-Dichloroethane	1	U	1	ug/l
R1AD1W		False	11/15/2002	Field Sample	8260	540-59-0	T	1,2-Dichloroethene (total)	2	U	2	ug/l
R1AD1W		False	11/15/2002	Field Sample	8260	78-87-5	T	1,2-Dichloropropane	1	U	1	ug/l
R1AD1W		False	11/15/2002	Field Sample	8270	541-73-1	T	1,3-Dichlorobenzene	10	U	10	ug/l
R1AD1W		False	11/15/2002	Field Sample	8270	106-46-7	T	1,4-Dichlorobenzene	10	U	10	ug/l
R1AD1W		False	11/15/2002	Field Sample	8270	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	10	U	10	ug/l
R1AD1W		False	11/15/2002	Field Sample	8151	93-76-5	T	2,4,5-T	0.5	U	0.5	ug/l
R1AD1W		False	11/15/2002	Field Sample	8151	93-72-1	T	2,4,5-TP (Silvex)	0.5	U	0.5	ug/l
R1AD1W		False	11/15/2002	Field Sample	8270	95-95-4	T	2,4,5-Trichlorophenol	10	U	10	ug/l
R1AD1W		False	11/15/2002	Field Sample	8270	88-06-2	T	2,4,6-Trichlorophenol	10	U	10	ug/l
R1AD1W		False	11/15/2002	Field Sample	8151	94-75-7	T	2,4-D	0.5	U	0.5	ug/l
R1AD1W		False	11/15/2002	Field Sample	8151	94-82-6	T	2,4-DB	0.5	U	0.5	ug/l
R1AD1W		False	11/15/2002	Field Sample	8270	120-83-2	T	2,4-Dichlorophenol	10	U	10	ug/l
R1AD1W		False	11/15/2002	Field Sample	8270	105-67-9	T	2,4-Dimethylphenol	10	U	10	ug/l
R1AD1W		False	11/15/2002	Field Sample	8270	51-28-5	T	2,4-Dinitrophenol	50	UJ	50	ug/l
R1AD1W		False	11/15/2002	Field Sample	8270	121-14-2	T	2,4-Dinitrotoluene	10	U	10	ug/l
R1AD1W		False	11/15/2002	Field Sample	8270	606-20-2	T	2,6-Dinitrotoluene	10	U	10	ug/l
R1AD1W		False	11/15/2002	Field Sample	8260	78-93-3	T	2-Butanone (MEK)	10	U	10	ug/l
R1AD1W		False	11/15/2002	Field Sample	8270	91-58-7	T	2-Chloronaphthalene	10	U	10	ug/l
R1AD1W		False	11/15/2002	Field Sample	8270	95-57-8	T	2-Chlorophenol	10	U	10	ug/l
R1AD1W		False	11/15/2002	Field Sample	8270	91-57-6	T	2-Methylnaphthalene	10	U	10	ug/l
R1AD1W		False	11/15/2002	Field Sample	8270	95-48-7	T	2-Methylphenol (o-Cresol)	10	U	10	ug/l
R1AD1W		False	11/15/2002	Field Sample	8270	88-74-4	T	2-Nitroaniline	50	UJ	50	ug/l
R1AD1W		False	11/15/2002	Field Sample	8270	88-75-5	T	2-Nitrophenol	10	U	10	ug/l
R1AD1W		False	11/15/2002	Field Sample	8270	91-94-1	T	3,3'-Dichlorobenzidine	20	U	20	ug/l
R1AD1W		False	11/15/2002	Field Sample	8270	108-44-5	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	10	U	10	ug/l
R1AD1W		False	11/15/2002	Field Sample	8270	99-09-2	T	3-Nitroaniline	50	UJ	50	ug/l
R1AD1W		False	11/15/2002	Field Sample	8081	72-54-8	T	4,4'-DDD	0.1	U	0.1	ug/l
R1AD1W		False	11/15/2002	Field Sample	8081	72-55-9	T	4,4'-DDE	0.1	U	0.1	ug/l
R1AD1W		False	11/15/2002	Field Sample	8081	50-29-3	T	4,4'-DDT	0.1	U	0.1	ug/l
R1AD1W		False	11/15/2002	Field Sample	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	50	U	50	ug/l
R1AD1W		False	11/15/2002	Field Sample	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	10	U	10	ug/l
R1AD1W		False	11/15/2002	Field Sample	8270	59-50-7	T	4-Chloro-3-methylphenol	10	U	10	ug/l
R1AD1W		False	11/15/2002	Field Sample	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	10	U	10	ug/l
R1AD1W		False	11/15/2002	Field Sample	8260	108-10-1	T	4-Methyl-2-pentanone (MIBK)	10	U	10	ug/l
R1AD1W		False	11/15/2002	Field Sample	8270	100-02-7	T	4-Nitrophenol	50	U	50	ug/l
R1AD1W		False	11/15/2002	Field Sample	8270	83-32-9	T	Acenaphthene	10	U	10	ug/l
R1AD1W		False	11/15/2002	Field Sample	8270	208-96-8	T	Acenaphthylene	10	U	10	ug/l
R1AD1W		False	11/15/2002	Field Sample	8260	67-64-1	T	Acetone	25	U	25	ug/l
R1AD1W		False	11/15/2002	Field Sample	8081	309-00-2	T	Aldrin	0.05	U	0.05	ug/l
R1AD1W		False	11/15/2002	Field Sample	8081	319-84-6	T	alpha-BHC	0.05	U	0.05	ug/l
R1AD1W		False	11/15/2002	Field Sample	8081	5103-71-9	T	alpha-Chlordane	0.05	U	0.05	ug/l
R1AD1W-Filtered	R1AD1W	True	11/15/2002	Field Sample	6010	7429-90-5	D	Aluminum	0.2	U	0.2	mg/l
R1AD1W		False	11/15/2002	Field Sample	6010	7429-90-5	T	Aluminum	0.79		0.02	mg/l
R1AD1W		False	11/15/2002	Field Sample	8270	120-12-7	T	Anthracene	10	U	10	ug/l
R1AD1W		False	11/15/2002	Field Sample	6010	7440-36-0	T	Antimony	0.02	U	0.02	mg/l
R1AD1W-Filtered	R1AD1W	True	11/15/2002	Field Sample	6010	7440-36-0	D	Antimony	0.02	UJ	0.02	mg/l
R1AD1W-Filtered	R1AD1W	True	11/15/2002	Field Sample	6010	7440-38-2	D	Arsenic	0.1	U	0.1	mg/l
R1AD1W		False	11/15/2002	Field Sample	6010	7440-38-2	T	Arsenic	0.01	U	0.01	mg/l
R1AD1W-Filtered	R1AD1W	True	11/15/2002	Field Sample	6010	7440-39-3	D	Barium	0.05		0.01	mg/l
R1AD1W		False	11/15/2002	Field Sample	6010	7440-39-3	T	Barium	0.08		0.01	mg/l
R1AD1W		False	11/15/2002	Field Sample	8260	71-43-2	T	Benzene	1	U	1	ug/l
R1AD1W		False	11/15/2002	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	10	U	10	ug/l
R1AD1W		False	11/15/2002	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	10	U	10	ug/l
R1AD1W		False	11/15/2002	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	10	U	10	ug/l
R1AD1W		False	11/15/2002	Field Sample	8270	191-24-2	T	Benzo(g,h,i)perylene	10	U	10	ug/l
R1AD1W		False	11/15/2002	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	10	U	10	ug/l
R1AD1W		False	11/15/2002	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	10	U	10	ug/l
R1AD1W-Filtered	R1AD1W	True	11/15/2002	Field Sample	6010	7440-41-7	D	Beryllium	0.004	U	0.004	mg/l
R1AD1W		False	11/15/2002	Field Sample	6010	7440-41-7	T	Beryllium	0.004	U	0.004	mg/l
R1AD1W		False	11/15/2002	Field Sample	8081	319-85-7	T	beta-BHC	0.05	U	0.05	ug/l
R1AD1W		False	11/15/2002	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	10	U	10	ug/l
R1AD1W		False	11/15/2002	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	10	U	10	ug/l
R1AD1W		False	11/15/2002	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	10	U	10	ug/l
R1AD1W		False	11/15/2002	Field Sample	8260	75-27-4	T	Bromodichloromethane	1	UJ	1	ug/l
R1AD1W		False	11/15/2002	Field Sample	8260	75-25-2	T	Bromoform	1	U	1	ug/l
R1AD1W		False	11/15/2002	Field Sample	8260	74-83-9	T	Bromomethane	1	U	1	ug/l
R1AD1W-Filtered	R1AD1W	True	11/15/2002	Field Sample	6010	7440-43-9	D	Cadmium	0.005	U	0.005	mg/l
R1AD1W		False	11/15/2002	Field Sample	6010	7440-43-9	T	Cadmium	0.005	U	0.005	mg/l
R1AD1W-Filtered	R1AD1W	True	11/15/2002	Field Sample	6010	7440-70-2	D	Calcium	50		0.5	mg/l
R1AD1W		False	11/15/2002	Field Sample	6010	7440-70-2	T	Calcium	52		0.5	mg/l
R1AD1W		False	11/15/2002	Field Sample	8270	86-74-8	T	Carbazole	10	U	10	ug/l
R1AD1W		False	11/15/2002	Field Sample	8260	75-15-0	T	Carbon Disulfide	1	U	1	ug/l
R1AD1W		False	11/15/2002	Field Sample	8260	56-23-5	T	Carbon Tetrachloride	1	UJ	1	ug/l
R1AD1W		False	11/15/2002	Field Sample	8260	108-90-7	T	Chlorobenzene	1	U	1	ug/l
R1AD1W		False	11/15/2002	Field Sample	8260	124-48-1	T	Chlorodibromomethane	1	U	1	ug/l
R1AD1W		False	11/15/2002	Field Sample	8260	75-00-3	T	Chloroethane	1	U	1	ug/l
R1AD1W		False	11/15/2002	Field Sample	8260	67-66-3	T	Chloroform	1	U	1	ug/l
R1AD1W		False	11/15/2002	Field Sample	8260	74-87-3	T	Chloromethane	0.5	UJ	0.5	ug/l
R1AD1W-Filtered	R1AD1W	True	11/15/2002	Field Sample	6010	7440-47-3	D	Chromium	0.01	U	0.01	mg/l
R1AD1W		False	11/15/2002	Field Sample	6010	7440-47-3	T	Chromium	0.01	U	0.01	mg/l
R1AD1W		False	11/15/2002	Field Sample	8270	218-01-9	T	Chrysene	10	U	10	ug/l
R1AD1W		False	11/15/2002	Field Sample	8260	10061-01-5	T	cis-1,3-Dichloropropene	1	U	1	ug/l
R1AD1W-Filtered	R1AD1W	True	11/15/2002	Field Sample	6010	7440-48-4	D	Cobalt	0.01	U	0.01	mg/l
R1AD1W		False	11/15/2002	Field Sample	6010	7440-48-4	T	Cobalt	0.01	U	0.01	mg/l
R1AD1W-Filtered	R1AD1W	True	11/15/2002	Field Sample	6010	7440-50-8	D	Copper	0.02	U	0.02	mg/l
R1AD1W		False	11/15/2002	Field Sample	6010	7440-50-8	T	Copper	0.02	U	0.02	mg/l
R1AD1W		False	11/15/2002	Field Sample	8151	75-99-0	T	Dalapon	120	U	120	ug/l
R1AD1W		False	11/15/2002	Field Sample	680	2051-34-3	T	Decachlorobiphenyl	0.5	U	0.5	ug/l
R1AD1W		False	11/15/2002	Field Sample	8081	319-86-8	T	delta-BHC	0.05	U	0.05	ug/l
R1AD1W		False	11/15/2002	Field Sample	8270	53-70-3	T	Dibenzo(a,h)anthracene	10	U	10	ug/l
R1AD1W		False	11/15/2002	Field Sample	8270	132-64-9	T	Dibenzofuran	10	U	10	ug/l
R1AD1W		False	11/15/2002	Field Sample	8151	1918-00-9	T	Dicamba	1.2	U	1.2	ug/l
R1AD1W		False	11/15/2002	Field Sample	680	C-DICHLOROBI	T	Dichlorobiphenyl	0.1	U	0.1	ug/l
R1AD1W		False	11/15/2002	Field Sample	8260	75-09-2	T	Dichloromethane	5	U	5	ug/l
R1AD1W		False	11/15/2002	Field Sample	8151	120-36-5	T	Dichloroprop	6	U	6	ug/l
R1AD1W		False	11/15/2002	Field Sample	8081	60-57-1	T	Dieldrin	0.1	U	0.1	ug/l
R1AD1W		False	11/15/2002	Field Sample	8270	84-66-2	T	Diethyl Phthalate	10	U	10	ug/l
R1AD1W		False	11/15/2002	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	10	U	10	ug/l

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	J	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	1	U	1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	gamma-BHC (Lindane)	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	gamma-Chlordane	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Hardness, Carbonate	[illegible]		[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Heptachlor	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Heptachlor Epoxide	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Indeno(1,2,3-cd)pyrene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Iron	[illegible]	J	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Iron	1.1		[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Lead	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Lead	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Magnesium	[illegible]		0.5	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Magnesium	[illegible]		0.5	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Manganese	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Manganese	[illegible]		[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	MCPP	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Mercury	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Mercury	[illegible]	U	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Nickel	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Nickel	[illegible]	U	[illegible]	[illegible]
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[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	1	U	1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Potassium	[illegible]		[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Potassium	[illegible]		[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Pyrene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Selenium	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Selenium	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Silver	[illegible]	U	[illegible]	[illegible]
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[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Sodium	[illegible]		[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	1	U	1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	1	U	1	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Thallium	[illegible]	UJ	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Thallium	[illegible]	UJ	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	1	U	1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	5	U	5	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	1	U	1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	1	U	1	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Vanadium	[illegible]	J	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Vanadium	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	1	U	1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Xylenes, Total	2	U	2	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Zinc	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Zinc	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	1	UJ	1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	1	U	1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	1	U	1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	1	U	1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	1	U	1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	1	U	1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	2	U	2	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	1	U	1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	UJ	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R1AM1W		False	11/15/2002	Field Sample	8270	606-20-2	T	2,6-Dinitrotoluene	10	U	10	ug/l
R1AM1W		False	11/15/2002	Field Sample	8260	78-93-3	T	2-Butanone (MEK)	10	U	10	ug/l
R1AM1W		False	11/15/2002	Field Sample	8270	91-58-7	T	2-Chloronaphthalene	10	U	10	ug/l
R1AM1W		False	11/15/2002	Field Sample	8270	95-57-8	T	2-Chlorophenol	10	U	10	ug/l
R1AM1W		False	11/15/2002	Field Sample	8270	91-57-6	T	2-Methylnaphthalene	10	U	10	ug/l
R1AM1W		False	11/15/2002	Field Sample	8270	95-48-7	T	2-Methylphenol (o-Cresol)	10	U	10	ug/l
R1AM1W		False	11/15/2002	Field Sample	8270	88-74-4	T	2-Nitroaniline	50	UJ	50	ug/l
R1AM1W		False	11/15/2002	Field Sample	8270	88-75-5	T	2-Nitrophenol	10	U	10	ug/l
R1AM1W		False	11/15/2002	Field Sample	8270	91-94-1	T	3,3'-Dichlorobenzidine	20	U	20	ug/l
R1AM1W		False	11/15/2002	Field Sample	8270	106-44-5	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	10	U	10	ug/l
R1AM1W		False	11/15/2002	Field Sample	8270	99-09-2	T	3-Nitroaniline	50	UJ	50	ug/l
R1AM1W		False	11/15/2002	Field Sample	8081	72-54-8	T	4,4'-DDD	0.1	U	0.1	ug/l
R1AM1W		False	11/15/2002	Field Sample	8081	72-55-9	T	4,4'-DDE	0.1	U	0.1	ug/l
R1AM1W		False	11/15/2002	Field Sample	8081	50-29-3	T	4,4'-DDT	0.1	U	0.1	ug/l
R1AM1W		False	11/15/2002	Field Sample	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	50	U	50	ug/l
R1AM1W		False	11/15/2002	Field Sample	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	10	U	10	ug/l
R1AM1W		False	11/15/2002	Field Sample	8270	59-50-7	T	4-Chloro-3-methylphenol	10	U	10	ug/l
R1AM1W		False	11/15/2002	Field Sample	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	10	U	10	ug/l
R1AM1W		False	11/15/2002	Field Sample	8260	108-10-1	T	4-Methyl-2-pentanone (MIBK)	10	U	10	ug/l
R1AM1W		False	11/15/2002	Field Sample	8270	100-02-7	T	4-Nitrophenol	50	U	50	ug/l
R1AM1W		False	11/15/2002	Field Sample	8270	83-32-9	T	Acenaphthene	10	U	10	ug/l
R1AM1W		False	11/15/2002	Field Sample	8270	208-96-8	T	Acenaphthylene	10	U	10	ug/l
R1AM1W		False	11/15/2002	Field Sample	8260	67-64-1	T	Acetone	25	U	25	ug/l
R1AM1W		False	11/15/2002	Field Sample	8081	309-00-2	T	Aldrin	0.05	U	0.05	ug/l
R1AM1W		False	11/15/2002	Field Sample	8081	319-84-6	T	alpha-BHC	0.05	U	0.05	ug/l
R1AM1W		False	11/15/2002	Field Sample	8081	5103-71-9	T	alpha-Chlordane	0.05	U	0.05	ug/l
R1AM1W-Filtered	R1AM1W	True	11/15/2002	Field Sample	6010	7429-90-5	D	Aluminum	0.2	U	0.2	mg/l
R1AM1W		False	11/15/2002	Field Sample	6010	7429-90-5	T	Aluminum	0.02		0.02	mg/l
R1AM1W		False	11/15/2002	Field Sample	8270	120-12-7	T	Anthracene	10	U	10	ug/l
R1AM1W		False	11/15/2002	Field Sample	6010	7440-36-0	T	Antimony	0.02	U	0.02	mg/l
R1AM1W-Filtered	R1AM1W	True	11/15/2002	Field Sample	6010	7440-36-0	D	Antimony	0.02	UJ	0.02	mg/l
R1AM1W-Filtered	R1AM1W	True	11/15/2002	Field Sample	6010	7440-38-2	D	Arsenic	0.01	U	0.01	mg/l
R1AM1W		False	11/15/2002	Field Sample	6010	7440-38-2	T	Arsenic	0.01	U	0.01	mg/l
R1AM1W-Filtered	R1AM1W	True	11/15/2002	Field Sample	6010	7440-39-3	D	Barium	0.049		0.01	mg/l
R1AM1W		False	11/15/2002	Field Sample	6010	7440-39-3	T	Barium	0.06		0.01	mg/l
R1AM1W		False	11/15/2002	Field Sample	8260	71-43-2	T	Benzene	1	U	1	ug/l
R1AM1W		False	11/15/2002	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	10	U	10	ug/l
R1AM1W		False	11/15/2002	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	10	U	10	ug/l
R1AM1W		False	11/15/2002	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	10	U	10	ug/l
R1AM1W		False	11/15/2002	Field Sample	8270	191-24-2	T	Benzo(g,h,i)perylene	10	U	10	ug/l
R1AM1W		False	11/15/2002	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	10	U	10	ug/l
R1AM1W		False	11/15/2002	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	10	U	10	ug/l
R1AM1W-Filtered	R1AM1W	True	11/15/2002	Field Sample	6010	7440-41-7	D	Beryllium	0.004	U	0.004	mg/l
R1AM1W		False	11/15/2002	Field Sample	6010	7440-41-7	T	Beryllium	0.004	U	0.004	mg/l
R1AM1W		False	11/15/2002	Field Sample	8081	319-85-7	T	beta-BHC	0.05	U	0.05	ug/l
R1AM1W		False	11/15/2002	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	10	U	10	ug/l
R1AM1W		False	11/15/2002	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	10	U	10	ug/l
R1AM1W		False	11/15/2002	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	10	U	10	ug/l
R1AM1W		False	11/15/2002	Field Sample	8260	75-27-4	T	Bromodichloromethane	1	UJ	1	ug/l
R1AM1W		False	11/15/2002	Field Sample	8260	75-25-2	T	Bromoform	1	U	1	ug/l
R1AM1W		False	11/15/2002	Field Sample	8260	74-83-9	T	Bromomethane	1	U	1	ug/l
R1AM1W-Filtered	R1AM1W	True	11/15/2002	Field Sample	6010	7440-43-9	D	Cadmium	0.005	U	0.005	mg/l
R1AM1W		False	11/15/2002	Field Sample	6010	7440-43-9	T	Cadmium	0.005	U	0.005	mg/l
R1AM1W-Filtered	R1AM1W	True	11/15/2002	Field Sample	6010	7440-70-2	D	Calcium	50		0.5	mg/l
R1AM1W		False	11/15/2002	Field Sample	6010	7440-70-2	T	Calcium	53		0.5	mg/l
R1AM1W		False	11/15/2002	Field Sample	8270	86-74-8	T	Carbazole	10	U	10	ug/l
R1AM1W		False	11/15/2002	Field Sample	8260	75-15-0	T	Carbon Disulfide	1	U	1	ug/l
R1AM1W		False	11/15/2002	Field Sample	8260	56-23-5	T	Carbon Tetrachloride	1	UJ	1	ug/l
R1AM1W		False	11/15/2002	Field Sample	8260	108-90-7	T	Chlorobenzene	1	U	1	ug/l
R1AM1W		False	11/15/2002	Field Sample	8260	124-48-1	T	Chlorodibromomethane	1	U	1	ug/l
R1AM1W		False	11/15/2002	Field Sample	8260	75-00-3	T	Chloroethane	1	U	1	ug/l
R1AM1W		False	11/15/2002	Field Sample	8260	67-66-3	T	Chloroform	1	U	1	ug/l
R1AM1W		False	11/15/2002	Field Sample	8260	74-87-3	T	Chloromethane	1	UJ	1	ug/l
R1AM1W-Filtered	R1AM1W	True	11/15/2002	Field Sample	6010	7440-47-3	D	Chromium	0.01	U	0.01	mg/l
R1AM1W		False	11/15/2002	Field Sample	6010	7440-47-3	T	Chromium	0.01	U	0.01	mg/l
R1AM1W		False	11/15/2002	Field Sample	8270	218-01-9	T	Chrysene	10	U	10	ug/l
R1AM1W		False	11/15/2002	Field Sample	8260	10061-01-5	T	cis-1,3-Dichloropropene	1	U	1	ug/l
R1AM1W		False	11/15/2002	Field Sample	6010	7440-48-4	T	Cobalt	0.0011	J	0.01	mg/l
R1AM1W-Filtered	R1AM1W	True	11/15/2002	Field Sample	6010	7440-48-4	D	Cobalt	0.01	U	0.01	mg/l
R1AM1W-Filtered	R1AM1W	True	11/15/2002	Field Sample	6010	7440-50-8	D	Copper	0.02	U	0.02	mg/l
R1AM1W		False	11/15/2002	Field Sample	6010	7440-50-8	T	Copper	0.02	U	0.02	mg/l
R1AM1W		False	11/15/2002	Field Sample	8151	75-99-0	T	Dalapon	120	U	120	ug/l
R1AM1W		False	11/15/2002	Field Sample	680	2051-24-3	T	Decachlorobiphenyl	0.5	U	0.5	ug/l
R1AM1W		False	11/15/2002	Field Sample	8081	319-86-8	T	delta-BHC	0.05	U	0.05	ug/l
R1AM1W		False	11/15/2002	Field Sample	8270	53-70-3	T	Dibenz(a,h)anthracene	10	U	10	ug/l
R1AM1W		False	11/15/2002	Field Sample	8270	132-64-9	T	Dibenzofuran	10	U	10	ug/l
R1AM1W		False	11/15/2002	Field Sample	8151	1918-00-9	T	Dicamba	1.2	U	1.2	ug/l
R1AM1W		False	11/15/2002	Field Sample	680	C-DICHLOROBI	T	Dichlorobiphenyl	0.1	U	0.1	ug/l
R1AM1W		False	11/15/2002	Field Sample	8260	75-09-2	T	Dichloromethane	5	U	5	ug/l
R1AM1W		False	11/15/2002	Field Sample	8151	120-36-5	T	Dichlorprop	6	U	6	ug/l
R1AM1W		False	11/15/2002	Field Sample	8081	60-57-1	T	Dieldrin	0.1	U	0.1	ug/l
R1AM1W		False	11/15/2002	Field Sample	8270	84-66-2	T	Diethyl Phthalate	10	U	10	ug/l
R1AM1W		False	11/15/2002	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	10	U	10	ug/l
R1AM1W		False	11/15/2002	Field Sample	8270	84-74-2	T	Di-n-butylphthalate	10	U	10	ug/l
R1AM1W		False	11/15/2002	Field Sample	8270	117-84-0	T	Di-n-octylphthalate	10	U	10	ug/l
R1AM1W		False	11/15/2002	Field Sample	8270	88-85-7	T	Dinoseb	10	U	10	ug/l
R1AM1W		False	11/15/2002	Field Sample	8081	959-98-8	T	Endosulfan I	0.05	U	0.05	ug/l
R1AM1W		False	11/15/2002	Field Sample	8081	33213-65-9	T	Endosulfan II	0.1	U	0.1	ug/l
R1AM1W		False	11/15/2002	Field Sample	8081	1031-07-8	T	Endosulfan Sulfate	0.1	U	0.1	ug/l
R1AM1W		False	11/15/2002	Field Sample	8081	72-20-8	T	Endrin	0.1	U	0.1	ug/l
R1AM1W		False	11/15/2002	Field Sample	8081	7421-93-4	T	Endrin Aldehyde	0.1	U	0.1	ug/l
R1AM1W		False	11/15/2002	Field Sample	8081	53494-70-5	T	Endrin Ketone	0.1	U	0.1	ug/l
R1AM1W		False	11/15/2002	Field Sample	8260	100-41-4	T	Ethylbenzene	1	U	1	ug/l
R1AM1W		False	11/15/2002	Field Sample	8270	206-44-0	T	Fluoranthene	10	U	10	ug/l
R1AM1W		False	11/15/2002	Field Sample	8270	86-73-7	T	Fluorene	10	U	10	ug/l
R1AM1W		False	11/15/2002	Field Sample	8081	58-89-9	T	gamma-BHC (Lindane)	0.05	U	0.05	ug/l
R1AM1W		False	11/15/2002	Field Sample	8081	5103-74-2	T	gamma-Chlordane	0.05	U	0.05	ug/l
R1AM1W		False	11/15/2002	Field Sample	130.2	E-11776	T	Hardness, Carbonate	240		200	mg/l as Ca
R1AM1W		False	11/15/2002	Field Sample	8081	76-44-8	T	Heptachlor	0.05	U	0.05	ug/l
R1AM1W		False	11/15/2002	Field Sample	8081	1024-57-3	T	Heptachlor Epoxide	0.05	U	0.05	ug/l
R1AM1W		False	11/15/2002	Field Sample	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	0.3	U	0.3	ug/l
R1AM1W		False	11/15/2002	Field Sample	8270	118-74-1	T	Hexachlorobenzene	10	U	10	ug/l
R1AM1W		False	11/15/2002	Field Sample	680	C-HEXACHLORO	T	Hexachlorobiphenyl	0.2	U	0.2	ug/l
R1AM1W		False	11/15/2002	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	10	U	10	ug/l
R1AM1W		False	11/15/2002	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	10	U	10	ug/l

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	10	U	10	ug/l
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	10	U	10	ug/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Iron	[illegible]	J	0.05	mg/l
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Iron	[illegible]		0.05	mg/l
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	10	U	10	ug/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Lead	0.005	U	0.005	mg/l
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Lead	[illegible]	U	0.005	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Magnesium	20		0.5	mg/l
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Magnesium	21		0.5	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Manganese	0.01	U	0.01	mg/l
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Manganese	[illegible]		0.01	mg/l
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	[illegible]	U	[illegible]	ug/l
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	MCPP	[illegible]	U	[illegible]	ug/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Mercury	[illegible]	U	[illegible]	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Nickel	[illegible]	U	[illegible]	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Potassium	3.2		[illegible]	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Selenium	[illegible]	U	[illegible]	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Silver	[illegible]	U	[illegible]	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Sodium	[illegible]		[illegible]	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Thallium	[illegible]	UJ	[illegible]	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Vanadium	[illegible]	J	[illegible]	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Zinc	[illegible]	U	[illegible]	mg/l

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R1AU1W		False	11/16/2002	Field Sample	8081	309-00-2	T	Aldrin	0.05	U	0.05	ug/l
R1AU1W		False	11/16/2002	Field Sample	8081	319-84-6	T	alpha-BHC	0.05	U	0.05	ug/l
R1AU1W		False	11/16/2002	Field Sample	8081	5103-71-9	T	alpha-Chlordane	0.05	U	0.05	ug/l
R1AU1W-Filtered	R1AU1W	True	11/16/2002	Field Sample	6010	7429-90-5	D	Aluminum	0.2	U	0.2	mg/l
R1AU1W		False	11/16/2002	Field Sample	6010	7429-90-5	T	Aluminum	0.68		0.02	mg/l
R1AU1W		False	11/16/2002	Field Sample	8270	120-12-7	T	Anthracene	10	U	10	ug/l
R1AU1W		False	11/16/2002	Field Sample	6010	7440-36-0	T	Antimony	0.02	U	0.02	mg/l
R1AU1W-Filtered	R1AU1W	True	11/16/2002	Field Sample	6010	7440-36-0	D	Antimony	0.02	UJ	0.02	mg/l
R1AU1W-Filtered	R1AU1W	True	11/16/2002	Field Sample	6010	7440-38-2	D	Arsenic	0.01	U	0.01	mg/l
R1AU1W		False	11/16/2002	Field Sample	6010	7440-38-2	T	Arsenic	0.01	U	0.01	mg/l
R1AU1W-Filtered	R1AU1W	True	11/16/2002	Field Sample	6010	7440-39-3	D	Barium	0.049		0.01	mg/l
R1AU1W		False	11/16/2002	Field Sample	6010	7440-39-3	T	Barium	0.055		0.01	mg/l
R1AU1W		False	11/16/2002	Field Sample	8260	71-43-2	T	Benzene	1	U	1	ug/l
R1AU1W		False	11/16/2002	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	10	U	10	ug/l
R1AU1W		False	11/16/2002	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	10	U	10	ug/l
R1AU1W		False	11/16/2002	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	10	U	10	ug/l
R1AU1W		False	11/16/2002	Field Sample	8270	191-24-2	T	Benzo(g,h,i)perylene	10	U	10	ug/l
R1AU1W		False	11/16/2002	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	10	U	10	ug/l
R1AU1W		False	11/16/2002	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	10	U	10	ug/l
R1AU1W-Filtered	R1AU1W	True	11/16/2002	Field Sample	6010	7440-41-7	D	Beryllium	0.004	U	0.004	mg/l
R1AU1W		False	11/16/2002	Field Sample	6010	7440-41-7	T	Beryllium	0.004	U	0.004	mg/l
R1AU1W		False	11/16/2002	Field Sample	8081	319-85-7	T	beta-BHC	0.05	U	0.05	ug/l
R1AU1W		False	11/16/2002	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	10	U	10	ug/l
R1AU1W		False	11/16/2002	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	10	U	10	ug/l
R1AU1W		False	11/16/2002	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	10	U	10	ug/l
R1AU1W		False	11/16/2002	Field Sample	8260	75-27-4	T	Bromodichloromethane	1	UJ	1	ug/l
R1AU1W		False	11/16/2002	Field Sample	8260	75-25-2	T	Bromoform	1	U	1	ug/l
R1AU1W		False	11/16/2002	Field Sample	8260	74-83-9	T	Bromomethane	1	U	1	ug/l
R1AU1W-Filtered	R1AU1W	True	11/16/2002	Field Sample	6010	7440-43-9	D	Cadmium	0.005	U	0.005	mg/l
R1AU1W		False	11/16/2002	Field Sample	6010	7440-43-9	T	Cadmium	0.005	U	0.005	mg/l
R1AU1W-Filtered	R1AU1W	True	11/16/2002	Field Sample	6010	7440-70-2	D	Calcium	49		0.5	mg/l
R1AU1W		False	11/16/2002	Field Sample	6010	7440-70-2	T	Calcium	49		0.5	mg/l
R1AU1W		False	11/16/2002	Field Sample	8270	86-74-8	T	Carbazole	10	U	10	ug/l
R1AU1W		False	11/16/2002	Field Sample	8260	75-15-0	T	Carbon Disulfide	1	U	1	ug/l
R1AU1W		False	11/16/2002	Field Sample	8260	56-23-5	T	Carbon Tetrachloride	1	UJ	1	ug/l
R1AU1W		False	11/16/2002	Field Sample	8260	108-90-7	T	Chlorobenzene	1	U	1	ug/l
R1AU1W		False	11/16/2002	Field Sample	8260	124-48-1	T	Chlorodibromomethane	1	U	1	ug/l
R1AU1W		False	11/16/2002	Field Sample	8260	75-00-3	T	Chloroethane	1	U	1	ug/l
R1AU1W		False	11/16/2002	Field Sample	8260	67-66-3	T	Chloroform	1	U	1	ug/l
R1AU1W		False	11/16/2002	Field Sample	8260	74-87-3	T	Chloromethane	1	UJ	1	ug/l
R1AU1W-Filtered	R1AU1W	True	11/16/2002	Field Sample	6010	7440-47-3	D	Chromium	0.01	U	0.01	mg/l
R1AU1W		False	11/16/2002	Field Sample	6010	7440-47-3	T	Chromium	0.01	U	0.01	mg/l
R1AU1W		False	11/16/2002	Field Sample	8270	218-01-9	T	Chrysene	10	U	10	ug/l
R1AU1W		False	11/16/2002	Field Sample	8260	10061-01-5	T	cis-1,3-Dichloropropene	1	U	1	ug/l
R1AU1W-Filtered	R1AU1W	True	11/16/2002	Field Sample	6010	7440-48-4	D	Cobalt	0.01	U	0.01	mg/l
R1AU1W		False	11/16/2002	Field Sample	6010	7440-48-4	T	Cobalt	0.01	U	0.01	mg/l
R1AU1W-Filtered	R1AU1W	True	11/16/2002	Field Sample	6010	7440-50-8	D	Copper	0.02	U	0.02	mg/l
R1AU1W		False	11/16/2002	Field Sample	6010	7440-50-8	T	Copper	0.02	U	0.02	mg/l
R1AU1W		False	11/16/2002	Field Sample	8151	75-99-0	T	Dalapon	120	U	120	ug/l
R1AU1W		False	11/16/2002	Field Sample	680	2051-24-3	T	Decachlorobiphenyl	0.5	U	0.5	ug/l
R1AU1W		False	11/16/2002	Field Sample	8081	319-86-8	T	delta-BHC	0.05	U	0.05	ug/l
R1AU1W		False	11/16/2002	Field Sample	8270	53-70-3	T	Dibenzo(a,h)anthracene	10	U	10	ug/l
R1AU1W		False	11/16/2002	Field Sample	8270	132-64-9	T	Dibenzofuran	10	U	10	ug/l
R1AU1W		False	11/16/2002	Field Sample	8151	1918-00-9	T	Dicamba	1.2	U	1.2	ug/l
R1AU1W		False	11/16/2002	Field Sample	680	C-DICHLOROBI	T	Dichlorobiphenyl	0.1	U	0.1	ug/l
R1AU1W		False	11/16/2002	Field Sample	8260	75-09-2	T	Dichloromethane	5	U	5	ug/l
R1AU1W		False	11/16/2002	Field Sample	8151	120-36-5	T	Dichlorprop	6	U	6	ug/l
R1AU1W		False	11/16/2002	Field Sample	8081	60-57-1	T	Dieldrin	0.1	U	0.1	ug/l
R1AU1W		False	11/16/2002	Field Sample	8270	84-66-2	T	Diethyl Phthalate	10	U	10	ug/l
R1AU1W		False	11/16/2002	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	10	U	10	ug/l
R1AU1W		False	11/16/2002	Field Sample	8270	84-74-2	T	Di-n-butylphthalate	10	U	10	ug/l
R1AU1W		False	11/16/2002	Field Sample	8270	117-84-0	T	Di-n-octylphthalate	10	U	10	ug/l
R1AU1W		False	11/16/2002	Field Sample	8270	88-85-7	T	Dinoseb	10	U	10	ug/l
R1AU1W		False	11/16/2002	Field Sample	8081	959-98-8	T	Endosulfan I	0.05	U	0.05	ug/l
R1AU1W		False	11/16/2002	Field Sample	8081	33213-65-9	T	Endosulfan II	0.1	U	0.1	ug/l
R1AU1W		False	11/16/2002	Field Sample	8081	1031-07-8	T	Endosulfan Sulfate	0.1	U	0.1	ug/l
R1AU1W		False	11/16/2002	Field Sample	8081	72-20-8	T	Endrin	0.1	U	0.1	ug/l
R1AU1W		False	11/16/2002	Field Sample	8081	7421-93-4	T	Endrin Aldehyde	0.1	U	0.1	ug/l
R1AU1W		False	11/16/2002	Field Sample	8081	53494-70-5	T	Endrin Ketone	0.015	J	0.1	ug/l
R1AU1W		False	11/16/2002	Field Sample	8260	100-41-4	T	Ethylbenzene	1	U	1	ug/l
R1AU1W		False	11/16/2002	Field Sample	8270	206-44-0	T	Fluoranthene	10	U	10	ug/l
R1AU1W		False	11/16/2002	Field Sample	8270	86-73-7	T	Fluorene	10	U	10	ug/l
R1AU1W		False	11/16/2002	Field Sample	8081	58-89-9	T	gamma-BHC (Lindane)	0.05	U	0.05	ug/l
R1AU1W		False	11/16/2002	Field Sample	8081	5103-74-2	T	gamma-Chlordane	0.05	U	0.05	ug/l
R1AU1W		False	11/16/2002	Field Sample	130.2	E-11776	T	Hardness, Carbonate	200	U	200	mg/l as Ca
R1AU1W		False	11/16/2002	Field Sample	8081	76-44-8	T	Heptachlor	0.05	U	0.05	ug/l
R1AU1W		False	11/16/2002	Field Sample	8081	1024-57-3	T	Heptachlor Epoxide	0.05	U	0.05	ug/l
R1AU1W		False	11/16/2002	Field Sample	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	0.3	U	0.3	ug/l
R1AU1W		False	11/16/2002	Field Sample	8270	118-74-1	T	Hexachlorobenzene	10	U	10	ug/l
R1AU1W		False	11/16/2002	Field Sample	680	C-HEXACHLORO	T	Hexachlorobiphenyl	0.2	U	0.2	ug/l
R1AU1W		False	11/16/2002	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	10	U	10	ug/l
R1AU1W		False	11/16/2002	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	10	U	10	ug/l
R1AU1W		False	11/16/2002	Field Sample	8270	67-72-1	T	Hexachloroethane	10	U	10	ug/l
R1AU1W		False	11/16/2002	Field Sample	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	10	U	10	ug/l
R1AU1W-Filtered	R1AU1W	True	11/16/2002	Field Sample	6010	7439-89-6	D	Iron	0.029	J	0.05	mg/l
R1AU1W		False	11/16/2002	Field Sample	6010	7439-89-6	T	Iron	0.63		0.05	mg/l
R1AU1W		False	11/16/2002	Field Sample	8270	78-59-1	T	Isophorone	10	U	10	ug/l
R1AU1W-Filtered	R1AU1W	True	11/16/2002	Field Sample	6010	7439-92-1	D	Lead	0.005	U	0.005	mg/l
R1AU1W		False	11/16/2002	Field Sample	6010	7439-92-1	T	Lead	0.005	U	0.005	mg/l
R1AU1W-Filtered	R1AU1W	True	11/16/2002	Field Sample	6010	7439-95-4	D	Magnesium	20		0.5	mg/l
R1AU1W		False	11/16/2002	Field Sample	6010	7439-95-4	T	Magnesium	20		0.5	mg/l
R1AU1W-Filtered	R1AU1W	True	11/16/2002	Field Sample	6010	7439-96-5	D	Manganese	0.01	U	0.01	mg/l
R1AU1W		False	11/16/2002	Field Sample	6010	7439-96-5	T	Manganese	0.878		0.01	mg/l
R1AU1W		False	11/16/2002	Field Sample	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	120	U	120	ug/l
R1AU1W		False	11/16/2002	Field Sample	8151	93-65-2	T	MCPP	120	U	120	ug/l
R1AU1W-Filtered	R1AU1W	True	11/16/2002	Field Sample	7470	7439-97-6	D	Mercury	0.0002	U	0.0002	mg/l
R1AU1W		False	11/16/2002	Field Sample	7470	7439-97-6	T	Mercury	0.0002	U	0.0002	mg/l
R1AU1W		False	11/16/2002	Field Sample	8081	72-43-5	T	Methoxychlor	0.5	U	0.5	ug/l
R1AU1W		False	11/16/2002	Field Sample	8260	591-78-6	T	Methyl N-Butyl Ketone	10	U	10	ug/l
R1AU1W		False	11/16/2002	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	0.1	U	0.1	ug/l

Appendix II-C

Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R18D1W-Filtered	R18D1W	True	11/15/2002	Field Sample	6010	7440-41-7	D	Beryllium	0.004	U	0.004	ug/l
R18D1W		False	11/15/2002	Field Sample	6010	7440-41-7	T	Beryllium	0.004	U	0.004	ug/l
R18D1W		False	11/15/2002	Field Sample	8081	319-85-7	T	beta-BHC	0.05	U	0.05	ug/l
R18D1W		False	11/15/2002	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	10	U	10	ug/l
R18D1W		False	11/15/2002	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	10	U	10	ug/l
R18D1W		False	11/15/2002	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	10	U	10	ug/l
R18D1W		False	11/15/2002	Field Sample	8260	75-27-4	T	Bromodichloromethane	1	UJ	1	ug/l
R18D1W		False	11/15/2002	Field Sample	8260	75-25-2	T	Bromoform	1	U	1	ug/l
R18D1W		False	11/15/2002	Field Sample	8260	74-83-9	T	Bromomethane	1	U	1	ug/l
R18D1W-Filtered	R18D1W	True	11/15/2002	Field Sample	6010	7440-43-9	D	Cadmium	0.005	U	0.005	ug/l
R18D1W		False	11/15/2002	Field Sample	6010	7440-43-9	T	Cadmium	0.005	U	0.005	ug/l
R18D1W-Filtered	R18D1W	True	11/15/2002	Field Sample	6010	7440-70-2	D	Calcium	50		0.5	ug/l
R18D1W		False	11/15/2002	Field Sample	6010	7440-70-2	T	Calcium	52		0.5	ug/l
R18D1W		False	11/15/2002	Field Sample	8270	86-74-8	T	Carbazole	10	U	10	ug/l
R18D1W		False	11/15/2002	Field Sample	8260	75-15-0	T	Carbon Disulfide	1	U	1	ug/l
R18D1W		False	11/15/2002	Field Sample	8260	56-23-5	T	Carbon Tetrachloride	1	UJ	1	ug/l
R18D1W		False	11/15/2002	Field Sample	8260	108-90-7	T	Chlorobenzene	1	U	1	ug/l
R18D1W		False	11/15/2002	Field Sample	8260	124-48-1	T	Chlorodibromomethane	1	U	1	ug/l
R18D1W		False	11/15/2002	Field Sample	8260	75-00-3	T	Chloroethane	1	U	1	ug/l
R18D1W		False	11/15/2002	Field Sample	8260	67-66-3	T	Chloroform	1	U	1	ug/l
R18D1W		False	11/15/2002	Field Sample	8260	74-87-3	T	Chloromethane	0.5	J	0.5	ug/l
R18D1W-Filtered	R18D1W	True	11/15/2002	Field Sample	6010	7440-47-3	D	Chromium	0.01	U	0.01	ug/l
R18D1W		False	11/15/2002	Field Sample	6010	7440-47-3	T	Chromium	0.01	U	0.01	ug/l
R18D1W		False	11/15/2002	Field Sample	8270	218-01-9	T	Chrysene	10	U	10	ug/l
R18D1W		False	11/15/2002	Field Sample	8260	10061-01-5	T	cis-1,3-Dichloropropene	1	U	1	ug/l
R18D1W-Filtered	R18D1W	True	11/15/2002	Field Sample	6010	7440-48-4	D	Cobalt	0.01	U	0.01	ug/l
R18D1W		False	11/15/2002	Field Sample	6010	7440-48-4	T	Cobalt	0.01	U	0.01	ug/l
R18D1W-Filtered	R18D1W	True	11/15/2002	Field Sample	6010	7440-50-8	D	Copper	0.02	U	0.02	ug/l
R18D1W		False	11/15/2002	Field Sample	6010	7440-50-8	T	Copper	0.02	U	0.02	ug/l
R18D1W		False	11/15/2002	Field Sample	8151	75-99-0	T	Dalapon	120	U	120	ug/l
R18D1W		False	11/15/2002	Field Sample	680	2051-24-3	T	Decachlorobiphenyl	0.5	U	0.5	ug/l
R18D1W		False	11/15/2002	Field Sample	8081	319-86-8	T	delta-BHC	0.05	U	0.05	ug/l
R18D1W		False	11/15/2002	Field Sample	8270	53-70-3	T	Dibenzo(a,h)anthracene	10	U	10	ug/l
R18D1W		False	11/15/2002	Field Sample	8270	132-64-9	T	Dibenzofuran	10	U	10	ug/l
R18D1W		False	11/15/2002	Field Sample	8151	1918-00-9	T	Dicamba	1.2	U	1.2	ug/l
R18D1W		False	11/15/2002	Field Sample	680	C-DICHLOROBI	T	Dichlorobiphenyl	0.1	U	0.1	ug/l
R18D1W		False	11/15/2002	Field Sample	8260	75-09-2	T	Dichloromethane	5	U	5	ug/l
R18D1W		False	11/15/2002	Field Sample	8151	120-36-5	T	Dichlorprop	6	U	6	ug/l
R18D1W		False	11/15/2002	Field Sample	8081	60-57-1	T	Dieldrin	0.1	U	0.1	ug/l
R18D1W		False	11/15/2002	Field Sample	8270	84-66-2	T	Diethyl Phthalate	10	U	10	ug/l
R18D1W		False	11/15/2002	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	10	U	10	ug/l
R18D1W		False	11/15/2002	Field Sample	8270	84-74-2	T	Di-n-butylphthalate	10	U	10	ug/l
R18D1W		False	11/15/2002	Field Sample	8270	117-84-0	T	Di-n-octylphthalate	10	U	10	ug/l
R18D1W		False	11/15/2002	Field Sample	8270	88-85-7	T	Dinoseb	10	U	10	ug/l
R18D1W		False	11/15/2002	Field Sample	8081	959-98-8	T	Endosulfan I	0.05	U	0.05	ug/l
R18D1W		False	11/15/2002	Field Sample	8081	33213-65-9	T	Endosulfan II	0.1	U	0.1	ug/l
R18D1W		False	11/15/2002	Field Sample	8081	1031-07-8	T	Endosulfan Sulfate	0.1	U	0.1	ug/l
R18D1W		False	11/15/2002	Field Sample	8081	72-20-8	T	Endrin	0.1	U	0.1	ug/l
R18D1W		False	11/15/2002	Field Sample	8081	7421-93-4	T	Endrin Aldehyde	0.1	U	0.1	ug/l
R18D1W		False	11/15/2002	Field Sample	8081	53494-70-5	T	Endrin Ketone	0.023	J	0.1	ug/l
R18D1W		False	11/15/2002	Field Sample	8260	100-41-4	T	Ethylbenzene	1	U	1	ug/l
R18D1W		False	11/15/2002	Field Sample	8270	206-44-0	T	Fluoranthene	10	U	10	ug/l
R18D1W		False	11/15/2002	Field Sample	8270	86-73-7	T	Fluorene	10	U	10	ug/l
R18D1W		False	11/15/2002	Field Sample	8081	58-89-9	T	gamma-BHC (Lindane)	0.05	U	0.05	ug/l
R18D1W		False	11/15/2002	Field Sample	8081	5103-74-2	T	gamma-Chlordane	0.05	U	0.05	ug/l
R18D1W		False	11/15/2002	Field Sample	130.2	E-11778	T	Hardness, Carbonate	190		200	mg/l as Ca
R18D1W		False	11/15/2002	Field Sample	8081	76-44-8	T	Heptachlor	0.05	U	0.05	ug/l
R18D1W		False	11/15/2002	Field Sample	8081	1024-57-3	T	Heptachlor Epoxide	0.05	U	0.05	ug/l
R18D1W		False	11/15/2002	Field Sample	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	0.3	U	0.3	ug/l
R18D1W		False	11/15/2002	Field Sample	8270	118-74-1	T	Hexachlorobenzene	10	U	10	ug/l
R18D1W		False	11/15/2002	Field Sample	680	C-HEXACHLORO	T	Hexachlorobiphenyl	0.2	U	0.2	ug/l
R18D1W		False	11/15/2002	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	10	U	10	ug/l
R18D1W		False	11/15/2002	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	10	U	10	ug/l
R18D1W		False	11/15/2002	Field Sample	8270	67-72-1	T	Hexachloroethane	10	U	10	ug/l
R18D1W		False	11/15/2002	Field Sample	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	10	U	10	ug/l
R18D1W-Filtered	R18D1W	True	11/15/2002	Field Sample	6010	7439-89-6	D	Iron	0.05	J	0.05	ug/l
R18D1W		False	11/15/2002	Field Sample	6010	7439-89-6	T	Iron	1.1		0.05	ug/l
R18D1W		False	11/15/2002	Field Sample	8270	78-59-1	T	Isophorone	10	U	10	ug/l
R18D1W-Filtered	R18D1W	True	11/15/2002	Field Sample	6010	7439-92-1	D	Lead	0.005	U	0.005	ug/l
R18D1W		False	11/15/2002	Field Sample	6010	7439-92-1	T	Lead	0.005	U	0.005	ug/l
R18D1W-Filtered	R18D1W	True	11/15/2002	Field Sample	6010	7439-95-4	D	Magnesium	20		0.5	ug/l
R18D1W		False	11/15/2002	Field Sample	6010	7439-95-4	T	Magnesium	21		0.5	ug/l
R18D1W-Filtered	R18D1W	True	11/15/2002	Field Sample	6010	7439-96-5	D	Manganese	0.01	U	0.01	ug/l
R18D1W		False	11/15/2002	Field Sample	6010	7439-96-5	T	Manganese	0.064		0.01	ug/l
R18D1W		False	11/15/2002	Field Sample	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	120	U	120	ug/l
R18D1W		False	11/15/2002	Field Sample	8151	93-65-2	T	MCPP	120	U	120	ug/l
R18D1W-Filtered	R18D1W	True	11/15/2002	Field Sample	7470	7439-97-6	D	Mercury	0.0002	U	0.0002	ug/l
R18D1W		False	11/15/2002	Field Sample	7470	7439-97-6	T	Mercury	0.0002	U	0.0002	ug/l
R18D1W		False	11/15/2002	Field Sample	8081	72-43-5	T	Methoxychlor	0.5	U	0.5	ug/l
R18D1W		False	11/15/2002	Field Sample	8260	591-78-6	T	Methyl N-Butyl Ketone	10	U	10	ug/l
R18D1W		False	11/15/2002	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	0.1	U	0.1	ug/l
R18D1W		False	11/15/2002	Field Sample	8270	91-20-3	T	Naphthalene	10	U	10	ug/l
R18D1W-Filtered	R18D1W	True	11/15/2002	Field Sample	6010	7440-02-0	D	Nickel	0.04	U	0.04	ug/l
R18D1W		False	11/15/2002	Field Sample	6010	7440-02-0	T	Nickel	0.04	U	0.04	ug/l
R18D1W		False	11/15/2002	Field Sample	8270	98-95-3	T	Nitrobenzene	10	U	10	ug/l
R18D1W		False	11/15/2002	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	10	U	10	ug/l
R18D1W		False	11/15/2002	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	10	U	10	ug/l
R18D1W		False	11/15/2002	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	0.5	U	0.5	ug/l
R18D1W		False	11/15/2002	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	0.3	U	0.3	ug/l
R18D1W		False	11/15/2002	Field Sample	8270	106-47-8	T	P-Chloroaniline	20	U	20	ug/l
R18D1W		False	11/15/2002	Field Sample	680	C-PENTABIPHEN	T	Pentachlorobiphenyl	0.2	U	0.2	ug/l
R18D1W		False	11/15/2002	Field Sample	8151	87-86-5	T	Pentachlorophenol	1	U	1	ug/l
R18D1W		False	11/15/2002	Field Sample	8270	85-01-8	T	Phenanthrene	10	U	10	ug/l
R18D1W		False	11/15/2002	Field Sample	8270	108-95-2	T	Phenol	10	U	10	ug/l
R18D1W		False	11/15/2002	Field Sample	8270	100-01-6	T	P-Nitroaniline	50	U	50	ug/l
R18D1W-Filtered	R18D1W	True	11/15/2002	Field Sample	6010	7440-09-7	D	Potassium	3.2		0.01	mg/l
R18D1W		False	11/15/2002	Field Sample	6010	7440-09-7	T	Potassium	3.5		0.01	mg/l
R18D1W		False	11/15/2002	Field Sample	8270	129-00-0	T	Pyrene	10	U	10	ug/l
R18D1W-Filtered	R18D1W	True	11/15/2002	Field Sample	6010	7782-49-2	D	Selenium	0.01	U	0.01	mg/l
R18D1W		False	11/15/2002	Field Sample	6010	7782-49-2	T	Selenium	0.01	U	0.01	mg/l

Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R1BM2W	R1BM1W	False	11/15/2002	Field Duplicate	8270	88-75-5	T	2-Nitrophenol	10	U	10	ug/l
R1BM1W		False	11/16/2002	Field Sample	8270	91-94-1	T	3,3'-Dichlorobenzidine	20	U	20	ug/l
R1BM2W	R1BM1W	False	11/15/2002	Field Duplicate	8270	91-94-1	T	3,3'-Dichlorobenzidine	20	U	20	ug/l
R1BM1W		False	11/16/2002	Field Sample	8270	108-44-5	T	3-Methylphenol/4-Methylphenol (mix-Cresol)	10	U	10	ug/l
R1BM2W	R1BM1W	False	11/15/2002	Field Duplicate	8270	108-44-5	T	3-Methylphenol/4-Methylphenol (mix-Cresol)	10	U	10	ug/l
R1BM1W		False	11/16/2002	Field Sample	8270	99-09-2	T	3-Nitroaniline	50	UJ	50	ug/l
R1BM2W	R1BM1W	False	11/15/2002	Field Duplicate	8270	99-09-2	T	3-Nitroaniline	50	UJ	50	ug/l
R1BM1W		False	11/16/2002	Field Sample	8081	72-54-8	T	4,4'-DDD	0.1	U	0.1	ug/l
R1BM2W	R1BM1W	False	11/15/2002	Field Duplicate	8081	72-54-8	T	4,4'-DDD	0.1	U	0.1	ug/l
R1BM1W		False	11/16/2002	Field Sample	8081	72-55-9	T	4,4'-DDE	0.1	U	0.1	ug/l
R1BM2W	R1BM1W	False	11/15/2002	Field Duplicate	8081	72-55-9	T	4,4'-DDE	0.1	U	0.1	ug/l
R1BM1W		False	11/16/2002	Field Sample	8081	50-29-3	T	4,4'-DDT	0.1	U	0.1	ug/l
R1BM2W	R1BM1W	False	11/15/2002	Field Duplicate	8081	50-29-3	T	4,4'-DDT	0.1	U	0.1	ug/l
R1BM1W		False	11/16/2002	Field Sample	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	50	U	50	ug/l
R1BM2W	R1BM1W	False	11/15/2002	Field Duplicate	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	50	U	50	ug/l
R1BM1W		False	11/16/2002	Field Sample	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	10	U	10	ug/l
R1BM2W	R1BM1W	False	11/15/2002	Field Duplicate	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	10	U	10	ug/l
R1BM1W		False	11/16/2002	Field Sample	8270	59-50-7	T	4-Chloro-3-methylphenol	10	U	10	ug/l
R1BM2W	R1BM1W	False	11/15/2002	Field Duplicate	8270	59-50-7	T	4-Chloro-3-methylphenol	10	U	10	ug/l
R1BM1W		False	11/16/2002	Field Sample	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	10	U	10	ug/l
R1BM2W	R1BM1W	False	11/15/2002	Field Duplicate	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	10	U	10	ug/l
R1BM1W		False	11/16/2002	Field Sample	8260	108-10-1	T	4-Methyl-2-pentanone (MIBK)	10	U	10	ug/l
R1BM2W	R1BM1W	False	11/15/2002	Field Duplicate	8260	108-10-1	T	4-Methyl-2-pentanone (MIBK)	10	U	10	ug/l
R1BM1W		False	11/16/2002	Field Sample	8270	100-02-7	T	4-Nitrophenol	50	U	50	ug/l
R1BM2W	R1BM1W	False	11/15/2002	Field Duplicate	8270	100-02-7	T	4-Nitrophenol	50	U	50	ug/l
R1BM1W		False	11/16/2002	Field Sample	8270	83-32-9	T	Acenaphthene	10	U	10	ug/l
R1BM2W	R1BM1W	False	11/15/2002	Field Duplicate	8270	83-32-9	T	Acenaphthene	10	U	10	ug/l
R1BM1W		False	11/16/2002	Field Sample	8270	208-96-8	T	Acenaphthylene	10	U	10	ug/l
R1BM2W	R1BM1W	False	11/15/2002	Field Duplicate	8270	208-96-8	T	Acenaphthylene	10	U	10	ug/l
R1BM1W		False	11/16/2002	Field Sample	8260	67-64-1	T	Acetone	25	U	25	ug/l
R1BM2W	R1BM1W	False	11/15/2002	Field Duplicate	8260	67-64-1	T	Acetone	25	U	25	ug/l
R1BM1W		False	11/16/2002	Field Sample	8081	309-00-2	T	Aldrin	0.05	U	0.05	ug/l
R1BM2W	R1BM1W	False	11/15/2002	Field Duplicate	8081	309-00-2	T	Aldrin	0.05	U	0.05	ug/l
R1BM1W		False	11/16/2002	Field Sample	8081	319-84-6	T	alpha-BHC	0.05	U	0.05	ug/l
R1BM2W	R1BM1W	False	11/15/2002	Field Duplicate	8081	319-84-6	T	alpha-BHC	0.05	U	0.05	ug/l
R1BM1W		False	11/16/2002	Field Sample	8081	5103-71-9	T	alpha-Chlordane	0.05	U	0.05	ug/l
R1BM2W	R1BM1W	False	11/15/2002	Field Duplicate	8081	5103-71-9	T	alpha-Chlordane	0.05	U	0.05	ug/l
R1BM1W-Filtered	R1BM1W	True	11/16/2002	Field Sample	6010	7429-90-5	D	Aluminum	0.2	U	0.2	mg/l
R1BM2W-Filtered	R1BM2W	True	11/15/2002	Field Duplicate	6010	7429-90-5	D	Aluminum	0.2	U	0.2	mg/l
R1BM1W		False	11/16/2002	Field Sample	6010	7429-90-5	T	Aluminum	0.82		0.02	mg/l
R1BM2W	R1BM1W	False	11/15/2002	Field Duplicate	6010	7429-90-5	T	Aluminum	0.8		0.02	mg/l
R1BM1W		False	11/16/2002	Field Sample	8270	120-12-7	T	Anthracene	10	U	10	ug/l
R1BM2W	R1BM1W	False	11/15/2002	Field Duplicate	8270	120-12-7	T	Anthracene	10	U	10	ug/l
R1BM1W		False	11/16/2002	Field Sample	6010	7440-36-0	T	Antimony	0.02	U	0.02	mg/l
R1BM2W	R1BM1W	False	11/15/2002	Field Duplicate	6010	7440-36-0	T	Antimony	0.02	U	0.02	mg/l
R1BM1W-Filtered	R1BM1W	True	11/16/2002	Field Sample	6010	7440-36-0	D	Antimony	0.02	UJ	0.02	mg/l
R1BM2W-Filtered	R1BM2W	True	11/15/2002	Field Duplicate	6010	7440-36-0	D	Antimony	0.02	UJ	0.02	mg/l
R1BM1W-Filtered	R1BM1W	True	11/16/2002	Field Sample	6010	7440-38-2	D	Arsenic	0.01	U	0.01	mg/l
R1BM2W-Filtered	R1BM2W	True	11/15/2002	Field Duplicate	6010	7440-38-2	D	Arsenic	0.01	U	0.01	mg/l
R1BM1W		False	11/16/2002	Field Sample	6010	7440-38-2	T	Arsenic	0.01	U	0.01	mg/l
R1BM2W	R1BM1W	False	11/15/2002	Field Duplicate	6010	7440-38-2	T	Arsenic	0.01	U	0.01	mg/l
R1BM1W-Filtered	R1BM1W	True	11/16/2002	Field Sample	6010	7440-39-3	D	Barium	0.05		0.01	mg/l
R1BM2W-Filtered	R1BM2W	True	11/15/2002	Field Duplicate	6010	7440-39-3	D	Barium	0.049		0.01	mg/l
R1BM1W		False	11/16/2002	Field Sample	6010	7440-39-3	T	Barium	0.055		0.01	mg/l
R1BM2W	R1BM1W	False	11/15/2002	Field Duplicate	6010	7440-39-3	T	Barium	0.058		0.01	mg/l
R1BM1W		False	11/16/2002	Field Sample	8260	71-43-2	T	Benzene	1	U	1	ug/l
R1BM2W	R1BM1W	False	11/15/2002	Field Duplicate	8260	71-43-2	T	Benzene	1	U	1	ug/l
R1BM1W		False	11/16/2002	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	10	U	10	ug/l
R1BM2W	R1BM1W	False	11/15/2002	Field Duplicate	8270	56-55-3	T	Benzo(a)anthracene	10	U	10	ug/l
R1BM1W		False	11/16/2002	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	10	U	10	ug/l
R1BM2W	R1BM1W	False	11/15/2002	Field Duplicate	8270	50-32-8	T	Benzo(a)pyrene	10	U	10	ug/l
R1BM1W		False	11/16/2002	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	10	U	10	ug/l
R1BM2W	R1BM1W	False	11/15/2002	Field Duplicate	8270	205-99-2	T	Benzo(b)fluoranthene	10	U	10	ug/l
R1BM1W		False	11/16/2002	Field Sample	8270	191-24-2	T	Benzo(g,h,i)perylene	10	U	10	ug/l
R1BM2W	R1BM1W	False	11/15/2002	Field Duplicate	8270	191-24-2	T	Benzo(g,h,i)perylene	10	U	10	ug/l
R1BM1W		False	11/16/2002	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	10	U	10	ug/l
R1BM2W	R1BM1W	False	11/15/2002	Field Duplicate	8270	207-08-9	T	Benzo(k)fluoranthene	10	U	10	ug/l
R1BM1W		False	11/16/2002	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	10	U	10	ug/l
R1BM2W	R1BM1W	False	11/15/2002	Field Duplicate	8270	85-68-7	T	Benzyl Butyl Phthalate	10	U	10	ug/l
R1BM1W-Filtered	R1BM1W	True	11/16/2002	Field Sample	6010	7440-41-7	D	Beryllium	0.004	U	0.004	mg/l
R1BM2W-Filtered	R1BM2W	True	11/15/2002	Field Duplicate	6010	7440-41-7	D	Beryllium	0.004	U	0.004	mg/l
R1BM1W		False	11/16/2002	Field Sample	6010	7440-41-7	T	Beryllium	0.004	U	0.004	mg/l
R1BM2W	R1BM1W	False	11/15/2002	Field Duplicate	6010	7440-41-7	T	Beryllium	0.004	U	0.004	mg/l
R1BM1W		False	11/16/2002	Field Sample	8081	319-85-7	T	beta-BHC	0.05	U	0.05	ug/l
R1BM2W	R1BM1W	False	11/15/2002	Field Duplicate	8081	319-85-7	T	beta-BHC	0.05	U	0.05	ug/l
R1BM1W		False	11/16/2002	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	10	U	10	ug/l
R1BM2W	R1BM1W	False	11/15/2002	Field Duplicate	8270	111-91-1	T	bis(2-Chloroethoxy)methane	10	U	10	ug/l
R1BM1W		False	11/16/2002	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	10	U	10	ug/l
R1BM2W	R1BM1W	False	11/15/2002	Field Duplicate	8270	111-44-4	T	bis(2-Chloroethyl)ether	10	U	10	ug/l
R1BM2W	R1BM1W	False	11/15/2002	Field Duplicate	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	14	J	10	ug/l
R1BM1W		False	11/16/2002	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	10	U	10	ug/l
R1BM1W		False	11/16/2002	Field Sample	8260	75-27-4	T	Bromodichloromethane	1	UJ	1	ug/l
R1BM2W	R1BM1W	False	11/15/2002	Field Duplicate	8260	75-27-4	T	Bromodichloromethane	1	UJ	1	ug/l
R1BM1W		False	11/16/2002	Field Sample	8260	75-25-2	T	Bromoform	1	U	1	ug/l
R1BM2W	R1BM1W	False	11/15/2002	Field Duplicate	8260	75-25-2	T	Bromoform	1	U	1	ug/l
R1BM1W		False	11/16/2002	Field Sample	8260	74-83-9	T	Bromomethane	1	U	1	ug/l
R1BM2W	R1BM1W	False	11/15/2002	Field Duplicate	8260	74-83-9	T	Bromomethane	1	U	1	ug/l
R1BM1W-Filtered	R1BM1W	True	11/16/2002	Field Sample	6010	7440-43-9	D	Cadmium	0.005	U	0.005	mg/l
R1BM2W-Filtered	R1BM2W	True	11/15/2002	Field Duplicate	6010	7440-43-9	D	Cadmium	0.005	U	0.005	mg/l
R1BM1W		False	11/16/2002	Field Sample	6010	7440-43-9	T	Cadmium	0.005	U	0.005	mg/l
R1BM2W	R1BM1W	False	11/15/2002	Field Duplicate	6010	7440-43-9	T	Cadmium	0.005	U	0.005	mg/l
R1BM1W-Filtered	R1BM1W	True	11/16/2002	Field Sample	6010	7440-70-2	D	Calcium	50		0.5	mg/l
R1BM2W-Filtered	R1BM2W	True	11/15/2002	Field Duplicate	6010	7440-70-2	D	Calcium	50		0.5	mg/l
R1BM1W		False	11/16/2002	Field Sample	6010	7440-70-2	T	Calcium	49		0.5	mg/l
R1BM2W	R1BM1W	False	11/15/2002	Field Duplicate	6010	7440-70-2	T	Calcium	50		0.5	mg/l
R1BM1W		False	11/16/2002	Field Sample	8270	86-74-8	T	Carbazole	10	U	10	ug/l
R1BM2W	R1BM1W	False	11/15/2002	Field Duplicate	8270	86-74-8	T	Carbazole	10	U	10	ug/l
R1BM1W		False	11/16/2002	Field Sample	8260	75-15-0	T	Carbon Disulfide	1	U	1	ug/l
R1BM2W	R1BM1W	False	11/15/2002	Field Duplicate	8260	75-15-0	T	Carbon Disulfide	1	U	1	ug/l
R1BM1W		False	11/16/2002	Field Sample	8260	56-23-5	T	Carbon Tetrachloride	1	UJ	1	ug/l
R1BM2W	R1BM1W	False	11/15/2002	Field Duplicate	8260	56-23-5	T	Carbon Tetrachloride	1	UJ	1	ug/l
R1BM1W		False	11/16/2002	Field Sample	8260	108-90-7	T	Chlorobenzene	1	U	1	ug/l

Appendix II-C

Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	1	U	1	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	1	U	1	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	1	U	1	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	1	U	1	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	1	U	1	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	1	U	1	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	1	U	1	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	1	U	1	[illegible]
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Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R15M2W-Filtered	R15M2W	True	11/15/2002	Field Duplicate	6010	7439-92-1	D	Lead	0.005	U	0.005	ug/l
R15M1W		False	11/15/2002	Field Sample	6010	7439-92-1	T	Lead	0.005	U	0.005	ug/l
R15M2W	R15M1W	False	11/15/2002	Field Duplicate	6010	7439-92-1	T	Lead	0.005	U	0.005	ug/l
R15M1W-Filtered	R15M1W	True	11/15/2002	Field Sample	6010	7439-95-4	D	Magnesium	20		0.5	mg/l
R15M2W-Filtered	R15M2W	True	11/15/2002	Field Duplicate	6010	7439-95-4	D	Magnesium	20		0.5	mg/l
R15M1W		False	11/15/2002	Field Sample	6010	7439-95-4	T	Magnesium	20		0.5	mg/l
R15M2W	R15M1W	False	11/15/2002	Field Duplicate	6010	7439-95-4	T	Magnesium	20		0.5	mg/l
R15M1W-Filtered	R15M1W	True	11/15/2002	Field Sample	6010	7439-96-5	D	Manganese	0.01	U	0.01	mg/l
R15M2W-Filtered	R15M2W	True	11/15/2002	Field Duplicate	6010	7439-96-5	D	Manganese	0.01	U	0.01	mg/l
R15M1W		False	11/15/2002	Field Sample	6010	7439-96-5	T	Manganese	0.08		0.01	mg/l
R15M2W	R15M1W	False	11/15/2002	Field Duplicate	6010	7439-96-5	T	Manganese	0.083		0.01	mg/l
R15M1W		False	11/15/2002	Field Sample	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	120	U	120	ug/l
R15M2W	R15M1W	False	11/15/2002	Field Duplicate	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	120	U	120	ug/l
R15M1W		False	11/15/2002	Field Sample	8151	93-65-2	T	MCPP	120	U	120	ug/l
R15M2W	R15M1W	False	11/15/2002	Field Duplicate	8151	93-65-2	T	MCPP	120	U	120	ug/l
R15M1W-Filtered	R15M1W	True	11/15/2002	Field Sample	7470	7439-97-6	D	Mercury	0.0002	U	0.0002	mg/l
R15M2W-Filtered	R15M2W	True	11/15/2002	Field Duplicate	7470	7439-97-6	D	Mercury	0.0002	U	0.0002	mg/l
R15M1W		False	11/15/2002	Field Sample	7470	7439-97-6	T	Mercury	0.0002	U	0.0002	mg/l
R15M2W	R15M1W	False	11/15/2002	Field Duplicate	7470	7439-97-6	T	Mercury	0.0002	U	0.0002	mg/l
R15M1W		False	11/15/2002	Field Sample	8081	72-43-5	T	Methoxychlor	0.5	U	0.5	ug/l
R15M2W	R15M1W	False	11/15/2002	Field Duplicate	8081	72-43-5	T	Methoxychlor	0.5	U	0.5	ug/l
R15M1W		False	11/15/2002	Field Sample	8260	591-78-6	T	Methyl N-Butyl Ketone	10	U	10	ug/l
R15M2W	R15M1W	False	11/15/2002	Field Duplicate	8260	591-78-6	T	Methyl N-Butyl Ketone	10	U	10	ug/l
R15M1W		False	11/15/2002	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	0.1	U	0.1	ug/l
R15M2W	R15M1W	False	11/15/2002	Field Duplicate	680	C-MONOCHLORO	T	Monochlorobiphenyl	0.1	U	0.1	ug/l
R15M1W		False	11/15/2002	Field Sample	8270	91-20-3	T	Naphthalene	10	U	10	ug/l
R15M2W	R15M1W	False	11/15/2002	Field Duplicate	8270	91-20-3	T	Naphthalene	10	U	10	ug/l
R15M1W-Filtered	R15M1W	True	11/15/2002	Field Sample	6010	7440-02-0	D	Nickel	0.04	U	0.04	mg/l
R15M2W-Filtered	R15M2W	True	11/15/2002	Field Duplicate	6010	7440-02-0	D	Nickel	0.04	U	0.04	mg/l
R15M1W		False	11/15/2002	Field Sample	6010	7440-02-0	T	Nickel	0.04	U	0.04	mg/l
R15M2W	R15M1W	False	11/15/2002	Field Duplicate	6010	7440-02-0	T	Nickel	0.04	U	0.04	mg/l
R15M1W		False	11/15/2002	Field Sample	8270	98-95-3	T	Nitrobenzene	10	U	10	ug/l
R15M2W	R15M1W	False	11/15/2002	Field Duplicate	8270	98-95-3	T	Nitrobenzene	10	U	10	ug/l
R15M1W		False	11/15/2002	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	10	U	10	ug/l
R15M2W	R15M1W	False	11/15/2002	Field Duplicate	8270	621-64-7	T	N-Nitroso-di-n-propylamine	10	U	10	ug/l
R15M1W		False	11/15/2002	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	10	U	10	ug/l
R15M2W	R15M1W	False	11/15/2002	Field Duplicate	8270	86-30-6	T	N-Nitrosodiphenylamine	10	U	10	ug/l
R15M1W		False	11/15/2002	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	0.5	U	0.5	ug/l
R15M2W	R15M1W	False	11/15/2002	Field Duplicate	680	C-NONACHLORO	T	Nonachlorobiphenyl	0.5	U	0.5	ug/l
R15M1W		False	11/15/2002	Field Sample	8290	3268-87-9	T	OCDD	0.00004	U	0.00004	ug/l
R15M2W	R15M1W	False	11/15/2002	Field Duplicate	8290	3268-87-9	T	OCDD	0.000033	U	0.000033	ug/l
R15M1W		False	11/15/2002	Field Sample	8290	39001-02-0	T	OCDF	0.0000011	U	0.0000011	ug/l
R15M2W	R15M1W	False	11/15/2002	Field Duplicate	8290	39001-02-0	T	OCDF	0.0000029	U	0.0000029	ug/l
R15M1W		False	11/15/2002	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	0.3	U	0.3	ug/l
R15M2W	R15M1W	False	11/15/2002	Field Duplicate	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	0.3	U	0.3	ug/l
R15M1W		False	11/15/2002	Field Sample	8270	106-47-8	T	P-Chloroaniline	20	U	20	ug/l
R15M2W	R15M1W	False	11/15/2002	Field Duplicate	8270	106-47-8	T	P-Chloroaniline	20	U	20	ug/l
R15M1W		False	11/15/2002	Field Sample	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	0.2	U	0.2	ug/l
R15M2W	R15M1W	False	11/15/2002	Field Duplicate	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	0.2	U	0.2	ug/l
R15M1W		False	11/15/2002	Field Sample	8151	87-86-5	T	Pentachlorophenol	1	U	1	ug/l
R15M2W	R15M1W	False	11/15/2002	Field Duplicate	8151	87-86-5	T	Pentachlorophenol	1	U	1	ug/l
R15M1W		False	11/15/2002	Field Sample	8270	85-01-8	T	Phenanthrene	10	U	10	ug/l
R15M2W	R15M1W	False	11/15/2002	Field Duplicate	8270	85-01-8	T	Phenanthrene	10	U	10	ug/l
R15M1W		False	11/15/2002	Field Sample	8270	108-95-2	T	Phenol	10	U	10	ug/l
R15M2W	R15M1W	False	11/15/2002	Field Duplicate	8270	108-95-2	T	Phenol	10	U	10	ug/l
R15M1W		False	11/15/2002	Field Sample	8270	100-01-6	T	P-Nitroaniline	50	U	50	ug/l
R15M2W	R15M1W	False	11/15/2002	Field Duplicate	8270	100-01-6	T	P-Nitroaniline	50	U	50	ug/l
R15M1W-Filtered	R15M1W	True	11/15/2002	Field Sample	6010	7440-09-7	D	Potassium	3.2		0.01	mg/l
R15M2W-Filtered	R15M2W	True	11/15/2002	Field Duplicate	6010	7440-09-7	D	Potassium	3.2		0.01	mg/l
R15M1W		False	11/15/2002	Field Sample	6010	7440-09-7	T	Potassium	3.2		0.01	mg/l
R15M2W	R15M1W	False	11/15/2002	Field Duplicate	6010	7440-09-7	T	Potassium	3.3		0.01	mg/l
R15M1W		False	11/15/2002	Field Sample	8270	129-00-0	T	Pyrene	10	U	10	ug/l
R15M2W	R15M1W	False	11/15/2002	Field Duplicate	8270	129-00-0	T	Pyrene	10	U	10	ug/l
R15M1W-Filtered	R15M1W	True	11/15/2002	Field Sample	6010	7782-49-2	D	Selenium	0.01	U	0.01	mg/l
R15M2W-Filtered	R15M2W	True	11/15/2002	Field Duplicate	6010	7782-49-2	D	Selenium	0.01	U	0.01	mg/l
R15M1W		False	11/15/2002	Field Sample	6010	7782-49-2	T	Selenium	0.01	U	0.01	mg/l
R15M2W	R15M1W	False	11/15/2002	Field Duplicate	6010	7782-49-2	T	Selenium	0.01	U	0.01	mg/l
R15M1W-Filtered	R15M1W	True	11/15/2002	Field Sample	6010	7440-22-4	D	Silver	0.01	U	0.01	mg/l
R15M2W-Filtered	R15M2W	True	11/15/2002	Field Duplicate	6010	7440-22-4	D	Silver	0.01	U	0.01	mg/l
R15M1W		False	11/15/2002	Field Sample	6010	7440-22-4	T	Silver	0.01	U	0.01	mg/l
R15M2W	R15M1W	False	11/15/2002	Field Duplicate	6010	7440-22-4	T	Silver	0.01	U	0.01	mg/l
R15M1W-Filtered	R15M1W	True	11/15/2002	Field Sample	6010	7440-23-5	D	Sodium	17		50	mg/l
R15M2W-Filtered	R15M2W	True	11/15/2002	Field Duplicate	6010	7440-23-5	D	Sodium	17		50	mg/l
R15M1W		False	11/15/2002	Field Sample	6010	7440-23-5	T	Sodium	17		50	mg/l
R15M2W	R15M1W	False	11/15/2002	Field Duplicate	6010	7440-23-5	T	Sodium	17		50	mg/l
R15M1W		False	11/15/2002	Field Sample	8260	100-42-5	T	Styrene (Monomer)	1	U	1	ug/l
R15M2W	R15M1W	False	11/15/2002	Field Duplicate	8260	100-42-5	T	Styrene (Monomer)	1	U	1	ug/l
R15M1W		False	11/15/2002	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	0.2	U	0.2	ug/l
R15M2W	R15M1W	False	11/15/2002	Field Duplicate	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	0.2	U	0.2	ug/l
R15M1W		False	11/15/2002	Field Sample	8260	127-18-4	T	Tetrachloroethene	1	U	1	ug/l
R15M2W	R15M1W	False	11/15/2002	Field Duplicate	8260	127-18-4	T	Tetrachloroethene	1	U	1	ug/l
R15M1W-Filtered	R15M1W	True	11/15/2002	Field Sample	6010	7440-28-0	D	Thallium	0.01	UJ	0.01	mg/l
R15M2W-Filtered	R15M2W	True	11/15/2002	Field Duplicate	6010	7440-28-0	D	Thallium	0.01	UJ	0.01	mg/l
R15M1W		False	11/15/2002	Field Sample	6010	7440-28-0	T	Thallium	0.01	UJ	0.01	mg/l
R15M2W	R15M1W	False	11/15/2002	Field Duplicate	6010	7440-28-0	T	Thallium	0.01	UJ	0.01	mg/l
R15M1W		False	11/15/2002	Field Sample	8260	108-88-3	T	Toluene	1	U	1	ug/l
R15M2W	R15M1W	False	11/15/2002	Field Duplicate	8260	108-88-3	T	Toluene	1	U	1	ug/l
R15M1W		False	11/15/2002	Field Sample	8290	37871-00-4	T	Total HpCDD	0.0000015	U	0.0000015	ug/l
R15M2W	R15M1W	False	11/15/2002	Field Duplicate	8290	37871-00-4	T	Total HpCDD	0.0000022	U	0.0000022	ug/l
R15M1W		False	11/15/2002	Field Sample	8290	38998-75-3	T	Total HpCDF	0.000001	U	0.000001	ug/l
R15M2W	R15M1W	False	11/15/2002	Field Duplicate	8290	38998-75-3	T	Total HpCDF	0.0000014	U	0.0000014	ug/l
R15M1W		False	11/15/2002	Field Sample	8290	34465-46-8	T	Total HxCDD	0.0000016	U	0.0000016	ug/l
R15M2W	R15M1W	False	11/15/2002	Field Duplicate	8290	34465-46-8	T	Total HxCDD	0.0000018	U	0.0000018	ug/l
R15M1W		False	11/15/2002	Field Sample	8290	55684-94-1	T	Total HxCDF	0.00000083	U	0.00000083	ug/l
R15M2W	R15M1W	False	11/15/2002	Field Duplicate	8290	55684-94-1	T	Total HxCDF	0.0000018	U	0.0000018	ug/l
R15M1W		False	11/15/2002	Field Sample	8290	39227-28-6	T	Total PeCDD	0.0000014	U	0.0000014	ug/l
R15M2W	R15M1W	False	11/15/2002	Field Duplicate	8290	39227-28-6	T	Total PeCDD	0.0000022	U	0.0000022	ug/l

Appendix II-C

Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

[illegible] ID	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Total or [illegible]	[illegible]	[illegible]	[illegible]	[illegible] Limit	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
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[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	0.1	U	0.1	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	0.1	U	0.1	[illegible]
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[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	1	UJ	1	[illegible]
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[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	2	U	2	[illegible]
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[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	UJ	[illegible]	[illegible]
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[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	J	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	J	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	J	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
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[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	UJ	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	UJ	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	0.1	U	0.1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	0.1	U	0.1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	0.1	U	0.1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
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[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	J	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	[illegible]	0.2	UJ	0.2	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
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[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	[illegible]	[illegible]	J	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	[illegible]	[illegible]		[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]		[illegible]	[illegible]
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[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
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[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	1	UJ	1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	1	U	1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	1	U	1	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	[illegible]	[illegible]		0.5	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]		0.5	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R1BU1W		False	11/17/2002	Field Sample	8260	75-15-0	T	Carbon Disulfide	1	U	1	ug/l
R1BU1W		False	11/17/2002	Field Sample	8260	56-23-5	T	Carbon Tetrachloride	1	UJ	1	ug/l
R1BU1W		False	11/17/2002	Field Sample	8260	108-90-7	T	Chlorobenzene	1	U	1	ug/l
R1BU1W		False	11/17/2002	Field Sample	8260	124-48-1	T	Chlorodibromomethane	1	U	1	ug/l
R1BU1W		False	11/17/2002	Field Sample	8260	75-00-3	T	Chloroethane	1	UJ	1	ug/l
R1BU1W		False	11/17/2002	Field Sample	8260	67-66-3	T	Chloroform	1	U	1	ug/l
R1BU1W		False	11/17/2002	Field Sample	8260	74-87-3	T	Chloromethane	1	UJ	1	ug/l
R1BU1W-Filtered	R1BU1W	True	11/17/2002	Field Sample	6010	7440-47-3	D	Chromium	0.01	U	0.01	mg/l
R1BU1W		False	11/17/2002	Field Sample	6010	7440-47-3	T	Chromium	0.01	U	0.01	mg/l
R1BU1W		False	11/17/2002	Field Sample	8270	218-01-9	T	Chrysene	10	U	10	ug/l
R1BU1W		False	11/17/2002	Field Sample	8260	10061-01-5	T	cis-1,3-Dichloropropene	1	U	1	ug/l
R1BU1W-Filtered	R1BU1W	True	11/17/2002	Field Sample	6010	7440-48-4	D	Cobalt	0.01	U	0.01	mg/l
R1BU1W		False	11/17/2002	Field Sample	6010	7440-48-4	T	Cobalt	0.01	U	0.01	mg/l
R1BU1W-Filtered	R1BU1W	True	11/17/2002	Field Sample	6010	7440-50-8	D	Copper	0.02	U	0.02	mg/l
R1BU1W		False	11/17/2002	Field Sample	6010	7440-50-8	T	Copper	0.02	U	0.02	mg/l
R1BU1W		False	11/17/2002	Field Sample	8151	75-99-0	T	Dalapon	120	U	120	ug/l
R1BU1W		False	11/17/2002	Field Sample	680	2051-24-3	T	Decachlorobiphenyl	0.5	U	0.5	ug/l
R1BU1W		False	11/17/2002	Field Sample	8081	319-86-8	T	delta-BHC	0.05	U	0.05	ug/l
R1BU1W		False	11/17/2002	Field Sample	8270	53-70-3	T	Dibenzo(a,h)anthracene	10	U	10	ug/l
R1BU1W		False	11/17/2002	Field Sample	8270	132-64-9	T	Dibenzofuran	10	U	10	ug/l
R1BU1W		False	11/17/2002	Field Sample	8151	1918-00-9	T	Dicamba	1.2	U	1.2	ug/l
R1BU1W		False	11/17/2002	Field Sample	680	C-DICHLOROBI	T	Dichlorobiphenyl	0.1	U	0.1	ug/l
R1BU1W		False	11/17/2002	Field Sample	8260	75-09-2	T	Dichloromethane	5	U	5	ug/l
R1BU1W		False	11/17/2002	Field Sample	8151	120-36-5	T	Dichlorprop	6	U	6	ug/l
R1BU1W		False	11/17/2002	Field Sample	8081	60-57-1	T	Dieldrin	0.1	U	0.1	ug/l
R1BU1W		False	11/17/2002	Field Sample	8270	84-66-2	T	Diethyl Phthalate	10	U	10	ug/l
R1BU1W		False	11/17/2002	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	10	U	10	ug/l
R1BU1W		False	11/17/2002	Field Sample	8270	84-74-2	T	Di-n-butylphthalate	10	U	10	ug/l
R1BU1W		False	11/17/2002	Field Sample	8270	117-84-0	T	Di-n-octylphthalate	10	U	10	ug/l
R1BU1W		False	11/17/2002	Field Sample	8270	85-85-7	T	Dinoseb	10	U	10	ug/l
R1BU1W		False	11/17/2002	Field Sample	8081	959-98-8	T	Endosulfan I	0.05	U	0.05	ug/l
R1BU1W		False	11/17/2002	Field Sample	8081	33213-65-9	T	Endosulfan II	0.1	U	0.1	ug/l
R1BU1W		False	11/17/2002	Field Sample	8081	1031-07-8	T	Endosulfan Sulfate	0.1	U	0.1	ug/l
R1BU1W		False	11/17/2002	Field Sample	8081	72-20-8	T	Endrin	0.1	U	0.1	ug/l
R1BU1W		False	11/17/2002	Field Sample	8081	7421-93-4	T	Endrin Aldehyde	0.1	U	0.1	ug/l
R1BU1W		False	11/17/2002	Field Sample	8081	53494-70-5	T	Endrin Ketone	0.1	U	0.1	ug/l
R1BU1W		False	11/17/2002	Field Sample	8260	100-41-4	T	Ethylbenzene	1	U	1	ug/l
R1BU1W		False	11/17/2002	Field Sample	8270	206-44-0	T	Fluoranthene	10	U	10	ug/l
R1BU1W		False	11/17/2002	Field Sample	8270	86-73-7	T	Fluorene	10	U	10	ug/l
R1BU1W		False	11/17/2002	Field Sample	8081	58-89-9	T	gamma-BHC (Lindane)	0.05	U	0.05	ug/l
R1BU1W		False	11/17/2002	Field Sample	8081	5103-74-2	T	gamma-Chlordane	0.05	U	0.05	ug/l
R1BU1W		False	11/17/2002	Field Sample	130.2	E-11778	T	Hardness, Carbonate	220		200	mg/l as Ca
R1BU1W		False	11/17/2002	Field Sample	8081	76-44-8	T	Heptachlor	0.05	U	0.05	ug/l
R1BU1W		False	11/17/2002	Field Sample	8081	1024-57-3	T	Heptachlor Epoxide	0.05	U	0.05	ug/l
R1BU1W		False	11/17/2002	Field Sample	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	0.3	U	0.3	ug/l
R1BU1W		False	11/17/2002	Field Sample	8270	118-74-1	T	Hexachlorobenzene	10	U	10	ug/l
R1BU1W		False	11/17/2002	Field Sample	680	C-HEXACHLORO	T	Hexachlorobiphenyl	0.2	U	0.2	ug/l
R1BU1W		False	11/17/2002	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	10	U	10	ug/l
R1BU1W		False	11/17/2002	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	10	U	10	ug/l
R1BU1W		False	11/17/2002	Field Sample	8270	67-72-1	T	Hexachloroethane	10	U	10	ug/l
R1BU1W		False	11/17/2002	Field Sample	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	10	U	10	ug/l
R1BU1W-Filtered	R1BU1W	True	11/17/2002	Field Sample	6010	7439-89-6	D	Iron	0.05	U	0.05	mg/l
R1BU1W		False	11/17/2002	Field Sample	6010	7439-89-6	T	Iron	0.92		0.05	mg/l
R1BU1W		False	11/17/2002	Field Sample	8270	78-59-1	T	Isophorone	10	U	10	ug/l
R1BU1W-Filtered	R1BU1W	True	11/17/2002	Field Sample	6010	7439-92-1	D	Lead	0.005	U	0.005	mg/l
R1BU1W		False	11/17/2002	Field Sample	6010	7439-92-1	T	Lead	0.005	U	0.005	mg/l
R1BU1W-Filtered	R1BU1W	True	11/17/2002	Field Sample	6010	7439-95-4	D	Magnesium	20		0.5	mg/l
R1BU1W		False	11/17/2002	Field Sample	6010	7439-95-4	T	Magnesium	20		0.5	mg/l
R1BU1W-Filtered	R1BU1W	True	11/17/2002	Field Sample	6010	7439-96-5	D	Manganese	0.01	U	0.01	mg/l
R1BU1W		False	11/17/2002	Field Sample	6010	7439-96-5	T	Manganese	0.077		0.01	mg/l
R1BU1W		False	11/17/2002	Field Sample	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	120	U	120	ug/l
R1BU1W		False	11/17/2002	Field Sample	8151	93-65-2	T	MCPP	120	U	120	ug/l
R1BU1W-Filtered	R1BU1W	True	11/17/2002	Field Sample	7470	7439-97-6	D	Mercury	0.0002	U	0.0002	mg/l
R1BU1W		False	11/17/2002	Field Sample	7470	7439-97-6	T	Mercury	0.0002	U	0.0002	mg/l
R1BU1W		False	11/17/2002	Field Sample	8081	72-43-5	T	Methoxychlor	0.5	UJ	0.5	ug/l
R1BU1W		False	11/17/2002	Field Sample	8260	591-78-6	T	Methyl N-Butyl Ketone	10	U	10	ug/l
R1BU1W		False	11/17/2002	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	0.1	U	0.1	ug/l
R1BU1W		False	11/17/2002	Field Sample	8270	91-20-3	T	Naphthalene	10	U	10	ug/l
R1BU1W-Filtered	R1BU1W	True	11/17/2002	Field Sample	6010	7440-02-0	D	Nickel	0.04	U	0.04	mg/l
R1BU1W		False	11/17/2002	Field Sample	6010	7440-02-0	T	Nickel	0.04	U	0.04	mg/l
R1BU1W		False	11/17/2002	Field Sample	8270	98-95-3	T	Nitrobenzene	10	U	10	ug/l
R1BU1W		False	11/17/2002	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	10	U	10	ug/l
R1BU1W		False	11/17/2002	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	10	U	10	ug/l
R1BU1W		False	11/17/2002	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	0.5	U	0.5	ug/l
R1BU1W		False	11/17/2002	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	0.3	U	0.3	ug/l
R1BU1W		False	11/17/2002	Field Sample	8270	106-47-8	T	P-Chloroaniline	20	U	20	ug/l
R1BU1W		False	11/17/2002	Field Sample	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	0.2	U	0.2	ug/l
R1BU1W		False	11/17/2002	Field Sample	8151	87-86-5	T	Pentachlorophenol	1	U	1	ug/l
R1BU1W		False	11/17/2002	Field Sample	8270	85-01-8	T	Phenanthrene	10	U	10	ug/l
R1BU1W		False	11/17/2002	Field Sample	8270	108-95-2	T	Phenol	10	U	10	ug/l
R1BU1W		False	11/17/2002	Field Sample	8270	100-01-6	T	P-Nitroaniline	50	U	50	ug/l
R1BU1W-Filtered	R1BU1W	True	11/17/2002	Field Sample	6010	7440-09-7	D	Potassium	3.1		0.01	mg/l
R1BU1W		False	11/17/2002	Field Sample	6010	7440-09-7	T	Potassium	3.2		0.01	mg/l
R1BU1W		False	11/17/2002	Field Sample	8270	129-00-0	T	Pyrene	10	U	10	ug/l
R1BU1W-Filtered	R1BU1W	True	11/17/2002	Field Sample	6010	7782-49-2	D	Selenium	0.01	U	0.01	mg/l
R1BU1W		False	11/17/2002	Field Sample	6010	7782-49-2	T	Selenium	0.01	U	0.01	mg/l
R1BU1W-Filtered	R1BU1W	True	11/17/2002	Field Sample	6010	7440-22-4	D	Silver	0.01	U	0.01	mg/l
R1BU1W		False	11/17/2002	Field Sample	6010	7440-22-4	T	Silver	0.01	U	0.01	mg/l
R1BU1W-Filtered	R1BU1W	True	11/17/2002	Field Sample	6010	7440-23-5	D	Sodium	20		80	mg/l
R1BU1W		False	11/17/2002	Field Sample	6010	7440-23-5	T	Sodium	20		80	mg/l
R1BU1W		False	11/17/2002	Field Sample	8260	100-42-5	T	Styrene (Monomer)	1	U	1	ug/l
R1BU1W		False	11/17/2002	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	0.2	U	0.2	ug/l
R1BU1W		False	11/17/2002	Field Sample	8260	127-18-4	T	Tetrachloroethene	1	U	1	ug/l
R1BU1W-Filtered	R1BU1W	True	11/17/2002	Field Sample	6010	7440-28-0	D	Thallium	0.01	U	0.01	mg/l
R1BU1W		False	11/17/2002	Field Sample	6010	7440-28-0	T	Thallium	0.01	U	0.01	mg/l
R1BU1W		False	11/17/2002	Field Sample	8260	108-88-3	T	Toluene	1	U	1	ug/l
R1BU1W		False	11/17/2002	Field Sample	8081	8001-35-2	T	Toxaphene	5	U	5	ug/l
R1BU1W		False	11/17/2002	Field Sample	8260	10061-02-6	T	trans-1,3-Dichloropropene	1	U	1	ug/l
R1BU1W		False	11/17/2002	Field Sample	680	C-TRICHLOROB	T	Trichlorobiphenyl	0.1	U	0.1	ug/l
R1BU1W		False	11/17/2002	Field Sample	8260	79-01-6	T	Trichloroethylene	1	U	1	ug/l

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Appendix II-C

Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R1CM1W		False	11/16/2002	Field Sample	8270	132-64-9	T	Dibenzofuran	10	U	10	ug/l
R1CM1W		False	11/16/2002	Field Sample	8151	1918-00-9	T	Dicamba	1.2	U	1.2	ug/l
R1CM1W		False	11/16/2002	Field Sample	680	2-DICHLOROBI	T	Dichlorobiphenyl	0.1	U	0.1	ug/l
R1CM1W		False	11/16/2002	Field Sample	8260	75-09-2	T	Dichloromethane	5	U	5	ug/l
R1CM1W		False	11/16/2002	Field Sample	8151	120-36-5	T	Dichlorprop	6	U	6	ug/l
R1CM1W		False	11/16/2002	Field Sample	8081	60-57-1	T	Dieldrin	0.1	U	0.1	ug/l
R1CM1W		False	11/16/2002	Field Sample	8270	84-66-2	T	Diethyl Phthalate	10	U	10	ug/l
R1CM1W		False	11/16/2002	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	10	U	10	ug/l
R1CM1W		False	11/16/2002	Field Sample	8270	84-74-2	T	Di-n-butylphthalate	10	U	10	ug/l
R1CM1W		False	11/16/2002	Field Sample	8270	117-84-0	T	Di-n-octylphthalate	10	U	10	ug/l
R1CM1W		False	11/16/2002	Field Sample	8270	88-85-7	T	Dinoseb	10	U	10	ug/l
R1CM1W		False	11/16/2002	Field Sample	8081	959-98-8	T	Endosulfan I	0.05	U	0.05	ug/l
R1CM1W		False	11/16/2002	Field Sample	8081	33213-65-9	T	Endosulfan II	0.1	U	0.1	ug/l
R1CM1W		False	11/16/2002	Field Sample	8081	1031-07-8	T	Endosulfan Sulfate	0.1	U	0.1	ug/l
R1CM1W		False	11/16/2002	Field Sample	8081	72-20-8	T	Endrin	0.1	U	0.1	ug/l
R1CM1W		False	11/16/2002	Field Sample	8081	7421-93-4	T	Endrin Aldehyde	0.1	U	0.1	ug/l
R1CM1W		False	11/16/2002	Field Sample	8081	53494-70-5	T	Endrin Ketone	0.016	J	0.1	ug/l
R1CM1W		False	11/16/2002	Field Sample	8260	100-41-4	T	Ethylbenzene	1	U	1	ug/l
R1CM1W		False	11/16/2002	Field Sample	8270	206-44-0	T	Fluoranthene	10	U	10	ug/l
R1CM1W		False	11/16/2002	Field Sample	8270	86-73-7	T	Fluorene	10	U	10	ug/l
R1CM1W		False	11/16/2002	Field Sample	8081	58-89-9	T	gamma-BHC (Lindane)	0.05	U	0.05	ug/l
R1CM1W		False	11/16/2002	Field Sample	8081	5103-74-2	T	gamma-Chlordane	0.05	U	0.05	ug/l
R1CM1W		False	11/16/2002	Field Sample	130.2	E-11776	T	Hardness, Carbonate	200	U	200	mg/l as Ca
R1CM1W		False	11/16/2002	Field Sample	8081	76-44-8	T	Heptachlor	0.05	U	0.05	ug/l
R1CM1W		False	11/16/2002	Field Sample	8081	1024-57-3	T	Heptachlor Epoxide	0.05	U	0.05	ug/l
R1CM1W		False	11/16/2002	Field Sample	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	0.3	U	0.3	ug/l
R1CM1W		False	11/16/2002	Field Sample	8270	118-74-1	T	Hexachlorobenzene	10	U	10	ug/l
R1CM1W		False	11/16/2002	Field Sample	680	C-HEXACHLORO	T	Hexachlorobiphenyl	0.2	U	0.2	ug/l
R1CM1W		False	11/16/2002	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	10	U	10	ug/l
R1CM1W		False	11/16/2002	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	10	U	10	ug/l
R1CM1W		False	11/16/2002	Field Sample	8270	67-72-1	T	Hexachloroethane	10	U	10	ug/l
R1CM1W		False	11/16/2002	Field Sample	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	10	U	10	ug/l
R1CM1W-Filtered	R1CM1W	True	11/16/2002	Field Sample	6010	7439-89-6	D	Iron	0.029	J	0.05	mg/l
R1CM1W		False	11/16/2002	Field Sample	6010	7439-89-6	T	Iron	0.98		0.05	mg/l
R1CM1W		False	11/16/2002	Field Sample	8270	78-59-1	T	Isophorone	10	U	10	ug/l
R1CM1W-Filtered	R1CM1W	True	11/16/2002	Field Sample	6010	7439-92-1	D	Lead	0.005	U	0.005	mg/l
R1CM1W		False	11/16/2002	Field Sample	6010	7439-92-1	T	Lead	0.005	U	0.005	mg/l
R1CM1W-Filtered	R1CM1W	True	11/16/2002	Field Sample	6010	7439-95-4	D	Magnesium	20		0.5	mg/l
R1CM1W		False	11/16/2002	Field Sample	6010	7439-95-4	T	Magnesium	21		0.5	mg/l
R1CM1W-Filtered	R1CM1W	True	11/16/2002	Field Sample	6010	7439-96-5	D	Manganese	0.01	U	0.01	mg/l
R1CM1W		False	11/16/2002	Field Sample	6010	7439-96-5	T	Manganese	0.082		0.01	mg/l
R1CM1W		False	11/16/2002	Field Sample	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	120	U	120	ug/l
R1CM1W		False	11/16/2002	Field Sample	8151	93-65-2	T	MCPP	120	U	120	ug/l
R1CM1W-Filtered	R1CM1W	True	11/16/2002	Field Sample	7470	7439-97-6	D	Mercury	0.0002	U	0.0002	mg/l
R1CM1W		False	11/16/2002	Field Sample	7470	7439-97-6	T	Mercury	0.0002	U	0.0002	mg/l
R1CM1W		False	11/16/2002	Field Sample	8081	72-43-5	T	Methoxychlor	0.5	U	0.5	ug/l
R1CM1W		False	11/16/2002	Field Sample	8260	591-78-6	T	Methyl N-Butyl Ketone	10	U	10	ug/l
R1CM1W		False	11/16/2002	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	0.1	U	0.1	ug/l
R1CM1W		False	11/16/2002	Field Sample	8270	91-20-3	T	Naphthalene	10	U	10	ug/l
R1CM1W-Filtered	R1CM1W	True	11/16/2002	Field Sample	6010	7440-02-0	D	Nickel	0.04	U	0.04	mg/l
R1CM1W		False	11/16/2002	Field Sample	6010	7440-02-0	T	Nickel	0.04	U	0.04	mg/l
R1CM1W		False	11/16/2002	Field Sample	8270	98-95-3	T	Nitrobenzene	10	U	10	ug/l
R1CM1W		False	11/16/2002	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	10	U	10	ug/l
R1CM1W		False	11/16/2002	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	10	U	10	ug/l
R1CM1W		False	11/16/2002	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	0.5	U	0.5	ug/l
R1CM1W		False	11/16/2002	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	0.3	U	0.3	ug/l
R1CM1W		False	11/16/2002	Field Sample	8270	106-47-8	T	P-Chloroaniline	20	U	20	ug/l
R1CM1W		False	11/16/2002	Field Sample	680	C-PENTABIPHEN	T	Pentachlorobiphenyl	0.2	U	0.2	ug/l
R1CM1W		False	11/16/2002	Field Sample	8151	87-86-5	T	Pentachlorophenol	0.3	J	1	ug/l
R1CM1W		False	11/16/2002	Field Sample	8270	85-01-8	T	Phenanthrene	10	U	10	ug/l
R1CM1W		False	11/16/2002	Field Sample	8270	108-95-2	T	Phenol	10	U	10	ug/l
R1CM1W		False	11/16/2002	Field Sample	8270	100-01-6	T	P-Nitroaniline	50	U	50	ug/l
R1CM1W-Filtered	R1CM1W	True	11/16/2002	Field Sample	6010	7440-09-7	D	Potassium	3.2		0.01	mg/l
R1CM1W		False	11/16/2002	Field Sample	6010	7440-09-7	T	Potassium	3.4		0.01	mg/l
R1CM1W		False	11/16/2002	Field Sample	8270	129-00-0	T	Pyrene	10	U	10	ug/l
R1CM1W-Filtered	R1CM1W	True	11/16/2002	Field Sample	6010	7782-49-2	D	Selenium	0.01	U	0.01	mg/l
R1CM1W		False	11/16/2002	Field Sample	6010	7782-49-2	T	Selenium	0.01	U	0.01	mg/l
R1CM1W-Filtered	R1CM1W	True	11/16/2002	Field Sample	6010	7440-22-4	D	Silver	0.01	U	0.01	mg/l
R1CM1W		False	11/16/2002	Field Sample	6010	7440-22-4	T	Silver	0.01	U	0.01	mg/l
R1CM1W-Filtered	R1CM1W	True	11/16/2002	Field Sample	6010	7440-23-5	D	Sodium	17		50	mg/l
R1CM1W		False	11/16/2002	Field Sample	6010	7440-23-5	T	Sodium	18		50	mg/l
R1CM1W		False	11/16/2002	Field Sample	8260	100-42-5	T	Styrene (Monomer)	1	U	1	ug/l
R1CM1W		False	11/16/2002	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	0.2	U	0.2	ug/l
R1CM1W		False	11/16/2002	Field Sample	8260	127-18-4	T	Tetrachloroethene	1	U	1	ug/l
R1CM1W		False	11/16/2002	Field Sample	6010	7440-28-0	T	Thallium	0.0052	J	0.01	mg/l
R1CM1W-Filtered	R1CM1W	True	11/16/2002	Field Sample	6010	7440-28-0	D	Thallium	0.01	UJ	0.01	mg/l
R1CM1W		False	11/16/2002	Field Sample	8260	108-88-3	T	Toluene	1	U	1	ug/l
R1CM1W		False	11/16/2002	Field Sample	8081	8001-35-2	T	Toxaphene	5	U	5	ug/l
R1CM1W		False	11/16/2002	Field Sample	8260	10061-02-6	T	trans-1,3-Dichloropropene	1	U	1	ug/l
R1CM1W		False	11/16/2002	Field Sample	680	C-TRICHLORO	T	Trichlorobiphenyl	0.1	U	0.1	ug/l
R1CM1W		False	11/16/2002	Field Sample	8260	79-01-6	T	Trichloroethylene	1	U	1	ug/l
R1CM1W-Filtered	R1CM1W	True	11/16/2002	Field Sample	6010	7440-62-2	D	Vanadium	0.0013	J	0.01	mg/l
R1CM1W		False	11/16/2002	Field Sample	6010	7440-62-2	T	Vanadium	0.01	U	0.01	mg/l
R1CM1W		False	11/16/2002	Field Sample	8260	75-01-4	T	Vinyl chloride	1	U	1	ug/l
R1CM1W		False	11/16/2002	Field Sample	8260	1330-20-7	T	Xylenes, Total	2	U	2	ug/l
R1CM1W-Filtered	R1CM1W	True	11/16/2002	Field Sample	6010	7440-66-6	D	Zinc	0.02	U	0.02	mg/l
R1CM1W		False	11/16/2002	Field Sample	6010	7440-66-6	T	Zinc	0.02	U	0.02	mg/l
R2AD1W		False	11/13/2002	Field Sample	8260	71-55-6	T	1,1,1-Trichloroethane	1	UJ	1	ug/l
R2AD1W		False	11/13/2002	Field Sample	8260	79-34-5	T	1,1,2,2-Tetrachloroethane	1	U	1	ug/l
R2AD1W		False	11/13/2002	Field Sample	8260	79-00-5	T	1,1,2-Trichloroethane	1	U	1	ug/l
R2AD1W		False	11/13/2002	Field Sample	8260	75-34-3	T	1,1-Dichloroethane	1	U	1	ug/l
R2AD1W		False	11/13/2002	Field Sample	8260	75-35-4	T	1,1-Dichloroethylene	1	U	1	ug/l
R2AD1W		False	11/13/2002	Field Sample	8270	120-82-1	T	1,2,4-Trichlorobenzene	10	U	10	ug/l
R2AD1W		False	11/13/2002	Field Sample	8270	95-50-1	T	1,2-Dichlorobenzene	10	U	10	ug/l
R2AD1W		False	11/13/2002	Field Sample	8260	107-06-2	T	1,2-Dichloroethane	1	U	1	ug/l
R2AD1W		False	11/13/2002	Field Sample	8260	540-59-0	T	1,2-Dichloroethene (total)	2	U	2	ug/l
R2AD1W		False	11/13/2002	Field Sample	8260	78-87-5	T	1,2-Dichloropropane	1	U	1	ug/l
R2AD1W		False	11/13/2002	Field Sample	8270	541-73-1	T	1,3-Dichlorobenzene	10	U	10	ug/l
R2AD1W		False	11/13/2002	Field Sample	8270	106-46-7	T	1,4-Dichlorobenzene	10	U	10	ug/l
R2AD1W		False	11/13/2002	Field Sample	8270	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	10	U	10	ug/l
R2AD1W		False	11/13/2002	Field Sample	8151	93-76-5	T	2,4,5-T	0.5	U	0.5	ug/l
R2AD1W		False	11/13/2002	Field Sample	8151	93-72-1	T	2,4,5-TP (Silvex)	0.5	U	0.5	ug/l

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R2AD1W		False	11/13/2002	Field Sample	130.2	15-11778	T	Hardness, Carbonate	200		200	mgl as Ca
R2AD1W		False	11/13/2002	Field Sample	8081	76-44-8	T	Heptachlor	0.05	U	0.05	ug/l
R2AD1W		False	11/13/2002	Field Sample	8081	1024-57-3	T	Heptachlor Epoxide	0.05	U	0.05	ug/l
R2AD1W		False	11/13/2002	Field Sample	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	0.3	UJ	0.3	ug/l
R2AD1W		False	11/13/2002	Field Sample	8270	118-74-1	T	Hexachlorobenzene	10	U	10	ug/l
R2AD1W		False	11/13/2002	Field Sample	680	C-HEXACHLORO	T	Hexachlorobiphenyl	0.2	UJ	0.2	ug/l
R2AD1W		False	11/13/2002	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	10	U	10	ug/l
R2AD1W		False	11/13/2002	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	10	U	10	ug/l
R2AD1W		False	11/13/2002	Field Sample	8270	67-72-1	T	Hexachloroethane	10	U	10	ug/l
R2AD1W		False	11/13/2002	Field Sample	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	10	U	10	ug/l
R2AD1W-Filtered	R2AD1W	True	11/13/2002	Field Sample	6010	7439-89-6	D	Iron	0.05	U	0.05	mg/l
R2AD1W		False	11/13/2002	Field Sample	6010	7439-89-6	T	Iron	1		0.05	mg/l
R2AD1W		False	11/13/2002	Field Sample	8270	78-59-1	T	Isophorone	10	U	10	ug/l
R2AD1W-Filtered	R2AD1W	True	11/13/2002	Field Sample	6010	7439-92-1	D	Lead	0.005	U	0.005	mg/l
R2AD1W		False	11/13/2002	Field Sample	6010	7439-92-1	T	Lead	0.005	U	0.005	mg/l
R2AD1W-Filtered	R2AD1W	True	11/13/2002	Field Sample	6010	7439-95-4	D	Magnesium	20		0.5	mg/l
R2AD1W		False	11/13/2002	Field Sample	6010	7439-95-4	T	Magnesium	20		0.5	mg/l
R2AD1W-Filtered	R2AD1W	True	11/13/2002	Field Sample	6010	7439-96-5	D	Manganese	0.01	U	0.01	mg/l
R2AD1W		False	11/13/2002	Field Sample	6010	7439-96-5	T	Manganese	0.083		0.01	mg/l
R2AD1W		False	11/13/2002	Field Sample	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	120	U	120	ug/l
R2AD1W		False	11/13/2002	Field Sample	8151	93-65-2	T	MCPP	120	U	120	ug/l
R2AD1W-Filtered	R2AD1W	True	11/13/2002	Field Sample	7470	7439-97-6	D	Mercury	0.0002	U	0.0002	mg/l
R2AD1W		False	11/13/2002	Field Sample	7470	7439-97-6	T	Mercury	0.0002	U	0.0002	mg/l
R2AD1W		False	11/13/2002	Field Sample	8081	72-43-5	T	Methoxychlor	0.5	U	0.5	ug/l
R2AD1W		False	11/13/2002	Field Sample	8260	591-78-6	T	Methyl N-Butyl Ketone	10	U	10	ug/l
R2AD1W		False	11/13/2002	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	0.1	UJ	0.1	ug/l
R2AD1W		False	11/13/2002	Field Sample	8270	91-20-3	T	Naphthalene	10	U	10	ug/l
R2AD1W-Filtered	R2AD1W	True	11/13/2002	Field Sample	6010	7440-02-0	D	Nickel	0.04	U	0.04	mg/l
R2AD1W		False	11/13/2002	Field Sample	6010	7440-02-0	T	Nickel	0.04	U	0.04	mg/l
R2AD1W		False	11/13/2002	Field Sample	8270	98-95-3	T	Nitrobenzene	10	U	10	ug/l
R2AD1W		False	11/13/2002	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	10	U	10	ug/l
R2AD1W		False	11/13/2002	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	10	U	10	ug/l
R2AD1W		False	11/13/2002	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	0.5	UJ	0.5	ug/l
R2AD1W		False	11/13/2002	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	0.3	UJ	0.3	ug/l
R2AD1W		False	11/13/2002	Field Sample	8270	106-47-8	T	P-Chloroaniline	20	U	20	ug/l
R2AD1W		False	11/13/2002	Field Sample	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	0.2	UJ	0.2	ug/l
R2AD1W		False	11/13/2002	Field Sample	8151	87-86-5	T	Pentachlorophenol	1	U	1	ug/l
R2AD1W		False	11/13/2002	Field Sample	8270	85-01-8	T	Phenanthrene	10	U	10	ug/l
R2AD1W		False	11/13/2002	Field Sample	8270	108-95-2	T	Phenol	10	U	10	ug/l
R2AD1W		False	11/13/2002	Field Sample	8270	100-01-6	T	P-Nitroaniline	50	U	50	ug/l
R2AD1W-Filtered	R2AD1W	True	11/13/2002	Field Sample	6010	7440-09-7	D	Potassium	3.2		0.01	mg/l
R2AD1W		False	11/13/2002	Field Sample	6010	7440-09-7	T	Potassium	3.3		0.01	mg/l
R2AD1W		False	11/13/2002	Field Sample	8270	129-00-0	T	Pyrene	10	U	10	ug/l
R2AD1W-Filtered	R2AD1W	True	11/13/2002	Field Sample	6010	7782-49-2	D	Selenium	0.01	U	0.01	mg/l
R2AD1W		False	11/13/2002	Field Sample	6010	7782-49-2	T	Selenium	0.01	U	0.01	mg/l
R2AD1W-Filtered	R2AD1W	True	11/13/2002	Field Sample	6010	7440-22-4	D	Silver	0.01	U	0.01	mg/l
R2AD1W		False	11/13/2002	Field Sample	6010	7440-22-4	T	Silver	0.01	U	0.01	mg/l
R2AD1W-Filtered	R2AD1W	True	11/13/2002	Field Sample	6010	7440-23-5	D	Sodium	19	J	80	mg/l
R2AD1W		False	11/13/2002	Field Sample	6010	7440-23-5	T	Sodium	19	J	80	mg/l
R2AD1W		False	11/13/2002	Field Sample	8260	100-42-5	T	Styrene (Monomer)	1	U	1	ug/l
R2AD1W		False	11/13/2002	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	0.2	UJ	0.2	ug/l
R2AD1W		False	11/13/2002	Field Sample	8260	127-18-4	T	Tetrachloroethene	1	U	1	ug/l
R2AD1W-Filtered	R2AD1W	True	11/13/2002	Field Sample	6010	7440-28-0	D	Thallium	0.01	U	0.01	mg/l
R2AD1W		False	11/13/2002	Field Sample	6010	7440-28-0	T	Thallium	0.01	U	0.01	mg/l
R2AD1W		False	11/13/2002	Field Sample	8260	108-88-3	T	Toluene	1	U	1	ug/l
R2AD1W		False	11/13/2002	Field Sample	8081	8001-35-2	T	Toxaphene	5	U	5	ug/l
R2AD1W		False	11/13/2002	Field Sample	8260	10061-02-6	T	trans-1,3-Dichloropropene	1	U	1	ug/l
R2AD1W		False	11/13/2002	Field Sample	680	C-TRICHLORO8	T	Trichlorobiphenyl	0.1	UJ	0.1	ug/l
R2AD1W		False	11/13/2002	Field Sample	8260	79-01-6	T	Trichloroethylene	1	U	1	ug/l
R2AD1W-Filtered	R2AD1W	True	11/13/2002	Field Sample	6010	7440-62-2	D	Vanadium	0.01	U	0.01	mg/l
R2AD1W		False	11/13/2002	Field Sample	6010	7440-62-2	T	Vanadium	0.01	U	0.01	mg/l
R2AD1W		False	11/13/2002	Field Sample	8260	75-01-4	T	Vinyl chloride	1	U	1	ug/l
R2AD1W		False	11/13/2002	Field Sample	8260	1330-20-7	T	Xylenes, Total	2	U	2	ug/l
R2AD1W		False	11/13/2002	Field Sample	6010	7440-66-6	T	Zinc	0.0064	J	0.02	mg/l
R2AD1W-Filtered	R2AD1W	True	11/13/2002	Field Sample	6010	7440-66-6	D	Zinc	0.036		0.02	mg/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8260	71-55-6	T	1,1,1-Trichloroethane	1	UJ	1	ug/l
R2AM1W		False	11/14/2002	Field Sample	8260	71-55-6	T	1,1,1-Trichloroethane	1	UJ	1	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8260	79-34-5	T	1,1,2,2-Tetrachloroethane	1	U	1	ug/l
R2AM1W		False	11/14/2002	Field Sample	8260	79-34-5	T	1,1,2,2-Tetrachloroethane	1	U	1	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8260	79-00-5	T	1,1,2-Trichloroethane	1	U	1	ug/l
R2AM1W		False	11/14/2002	Field Sample	8260	79-00-5	T	1,1,2-Trichloroethane	1	U	1	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8260	75-34-3	T	1,1-Dichloroethane	1	U	1	ug/l
R2AM1W		False	11/14/2002	Field Sample	8260	75-34-3	T	1,1-Dichloroethane	1	U	1	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8260	75-35-4	T	1,1-Dichloroethylene	1	U	1	ug/l
R2AM1W		False	11/14/2002	Field Sample	8260	75-35-4	T	1,1-Dichloroethylene	1	U	1	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8270	120-82-1	T	1,2,4-Trichlorobenzene	10	U	10	ug/l
R2AM1W		False	11/14/2002	Field Sample	8270	120-82-1	T	1,2,4-Trichlorobenzene	10	U	10	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8270	95-50-1	T	1,2-Dichlorobenzene	10	U	10	ug/l
R2AM1W		False	11/14/2002	Field Sample	8270	95-50-1	T	1,2-Dichlorobenzene	10	U	10	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8260	107-06-2	T	1,2-Dichloroethane	1	U	1	ug/l
R2AM1W		False	11/14/2002	Field Sample	8260	107-06-2	T	1,2-Dichloroethane	1	U	1	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8260	540-59-0	T	1,2-Dichloroethene (total)	2	U	2	ug/l
R2AM1W		False	11/14/2002	Field Sample	8260	540-59-0	T	1,2-Dichloroethene (total)	2	U	2	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8260	78-87-5	T	1,2-Dichloropropane	1	U	1	ug/l
R2AM1W		False	11/14/2002	Field Sample	8260	78-87-5	T	1,2-Dichloropropane	1	U	1	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8270	541-73-1	T	1,3-Dichlorobenzene	10	U	10	ug/l
R2AM1W		False	11/14/2002	Field Sample	8270	541-73-1	T	1,3-Dichlorobenzene	10	U	10	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8270	106-46-7	T	1,4-Dichlorobenzene	10	U	10	ug/l
R2AM1W		False	11/14/2002	Field Sample	8270	106-46-7	T	1,4-Dichlorobenzene	10	U	10	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8270	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	10	U	10	ug/l
R2AM1W		False	11/14/2002	Field Sample	8270	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	10	U	10	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8151	93-76-5	T	2,4,5-T	0.5	U	0.5	ug/l
R2AM1W		False	11/14/2002	Field Sample	8151	93-76-5	T	2,4,5-T	0.5	U	0.5	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8151	93-72-1	T	2,4,5-TP (Silvex)	0.5	U	0.5	ug/l
R2AM1W		False	11/14/2002	Field Sample	8151	93-72-1	T	2,4,5-TP (Silvex)	0.5	U	0.5	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8270	95-95-4	T	2,4,5-Trichlorophenol	10	U	10	ug/l
R2AM1W		False	11/14/2002	Field Sample	8270	95-95-4	T	2,4,5-Trichlorophenol	10	U	10	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8270	88-06-2	T	2,4,6-Trichlorophenol	10	U	10	ug/l
R2AM1W		False	11/14/2002	Field Sample	8270	88-06-2	T	2,4,6-Trichlorophenol	10	U	10	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8151	94-75-7	T	2,4-D	0.5	U	0.5	ug/l
R2AM1W		False	11/14/2002	Field Sample	8151	94-75-7	T	2,4-D	0.5	U	0.5	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8151	94-82-6	T	2,4-DB	0.5	UJ	0.5	ug/l

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R2AM1W		False	11/14/2002	Field Sample	8260	75-27-4	T	Bromodichloromethane	1	UJ	1	ug/l
R2AM2W		False	11/14/2002	Field Duplicate	8260	75-25-2	T	Bromoform	1	U	1	ug/l
R2AM1W		False	11/14/2002	Field Sample	8260	75-25-2	T	Bromoform	1	U	1	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8260	74-83-9	T	Bromomethane	1	U	1	ug/l
R2AM1W		False	11/14/2002	Field Sample	8260	74-83-9	T	Bromomethane	1	U	1	ug/l
R2AM1W-Filtered	R2AM1W	True	11/14/2002	Field Sample	6010	7440-43-9	D	Cadmium	0.005	U	0.005	mg/l
R2AM2W-Filtered	R2AM2W-Filtered	True	11/14/2002	Field Duplicate	6010	7440-43-9	D	Cadmium	0.005	U	0.005	mg/l
R2AM1W		False	11/14/2002	Field Sample	6010	7440-43-9	T	Cadmium	0.005	U	0.005	mg/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	6010	7440-43-9	T	Cadmium	0.005	U	0.005	mg/l
R2AM1W-Filtered	R2AM1W	True	11/14/2002	Field Sample	6010	7440-70-2	D	Calcium	52		0.5	mg/l
R2AM2W-Filtered	R2AM2W-Filtered	True	11/14/2002	Field Duplicate	6010	7440-70-2	D	Calcium	50		0.5	mg/l
R2AM1W		False	11/14/2002	Field Sample	6010	7440-70-2	T	Calcium	51		0.5	mg/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	6010	7440-70-2	T	Calcium	51		0.5	mg/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8270	86-74-8	T	Carbazole	10	U	10	ug/l
R2AM1W		False	11/14/2002	Field Sample	8270	86-74-8	T	Carbazole	10	U	10	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8260	75-15-0	T	Carbon Disulfide	0.28	J	1	ug/l
R2AM1W		False	11/14/2002	Field Sample	8260	75-15-0	T	Carbon Disulfide	1	U	1	ug/l
R2AM1W		False	11/14/2002	Field Sample	8260	56-23-5	T	Carbon Tetrachloride	1	U	1	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8260	56-23-5	T	Carbon Tetrachloride	1	UJ	1	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8260	108-90-7	T	Chlorobenzene	1	U	1	ug/l
R2AM1W		False	11/14/2002	Field Sample	8260	108-90-7	T	Chlorobenzene	1	U	1	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8260	124-48-1	T	Chlorodibromomethane	1	U	1	ug/l
R2AM1W		False	11/14/2002	Field Sample	8260	124-48-1	T	Chlorodibromomethane	1	U	1	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8260	75-00-3	T	Chloroethane	1	U	1	ug/l
R2AM1W		False	11/14/2002	Field Sample	8260	75-00-3	T	Chloroethane	1	U	1	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8260	67-66-3	T	Chloroform	1	U	1	ug/l
R2AM1W		False	11/14/2002	Field Sample	8260	67-66-3	T	Chloroform	1	U	1	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8260	74-87-3	T	Chloromethane	0.48	J	0.5	ug/l
R2AM1W		False	11/14/2002	Field Sample	8260	74-87-3	T	Chloromethane	1	UJ	1	ug/l
R2AM1W-Filtered	R2AM1W	True	11/14/2002	Field Sample	6010	7440-47-3	D	Chromium	0.01	U	0.01	mg/l
R2AM2W-Filtered	R2AM2W-Filtered	True	11/14/2002	Field Duplicate	6010	7440-47-3	D	Chromium	0.01	U	0.01	mg/l
R2AM1W		False	11/14/2002	Field Sample	6010	7440-47-3	T	Chromium	0.01	U	0.01	mg/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	6010	7440-47-3	T	Chromium	0.01	U	0.01	mg/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8270	218-01-9	T	Chrysene	10	U	10	ug/l
R2AM1W		False	11/14/2002	Field Sample	8270	218-01-9	T	Chrysene	10	U	10	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8260	10061-01-5	T	cis-1,3-Dichloropropene	1	U	1	ug/l
R2AM1W		False	11/14/2002	Field Sample	8260	10061-01-5	T	cis-1,3-Dichloropropene	1	U	1	ug/l
R2AM1W-Filtered	R2AM1W	True	11/14/2002	Field Sample	6010	7440-48-4	D	Cobalt	0.001	J	0.01	mg/l
R2AM2W-Filtered	R2AM2W-Filtered	True	11/14/2002	Field Duplicate	6010	7440-48-4	D	Cobalt	0.01	U	0.01	mg/l
R2AM1W		False	11/14/2002	Field Sample	6010	7440-48-4	T	Cobalt	0.01	U	0.01	mg/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	6010	7440-48-4	T	Cobalt	0.01	U	0.01	mg/l
R2AM1W-Filtered	R2AM1W	True	11/14/2002	Field Sample	6010	7440-50-8	D	Copper	0.02	U	0.02	mg/l
R2AM2W-Filtered	R2AM2W-Filtered	True	11/14/2002	Field Duplicate	6010	7440-50-8	D	Copper	0.02	U	0.02	mg/l
R2AM1W		False	11/14/2002	Field Sample	6010	7440-50-8	T	Copper	0.02	U	0.02	mg/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	6010	7440-50-8	T	Copper	0.02	U	0.02	mg/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8151	75-99-0	T	Dalapon	120	U	120	ug/l
R2AM1W		False	11/14/2002	Field Sample	8151	75-99-0	T	Dalapon	120	U	120	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	680	2051-24-3	T	Decachlorobiphenyl	0.5	UJ	0.5	ug/l
R2AM1W		False	11/14/2002	Field Sample	680	2051-24-3	T	Decachlorobiphenyl	0.5	UJ	0.5	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8081	319-86-8	T	delta-BHC	0.05	U	0.05	ug/l
R2AM1W		False	11/14/2002	Field Sample	8081	319-86-8	T	delta-BHC	0.05	UJ	0.05	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8270	53-70-3	T	Dibenzo(a,h)anthracene	10	U	10	ug/l
R2AM1W		False	11/14/2002	Field Sample	8270	53-70-3	T	Dibenzo(a,h)anthracene	10	U	10	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8270	132-64-9	T	Dibenzofuran	10	U	10	ug/l
R2AM1W		False	11/14/2002	Field Sample	8270	132-64-9	T	Dibenzofuran	10	U	10	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8151	1918-00-9	T	Dicamba	1.2	U	1.2	ug/l
R2AM1W		False	11/14/2002	Field Sample	8151	1918-00-9	T	Dicamba	1.2	U	1.2	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	680	C-DICHLOROBI	T	Dichlorobiphenyl	0.1	UJ	0.1	ug/l
R2AM1W		False	11/14/2002	Field Sample	680	C-DICHLOROBI	T	Dichlorobiphenyl	0.1	UJ	0.1	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8260	75-09-2	T	Dichloromethane	5	U	5	ug/l
R2AM1W		False	11/14/2002	Field Sample	8260	75-09-2	T	Dichloromethane	5	U	5	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8151	120-36-5	T	Dichloprop	6	U	6	ug/l
R2AM1W		False	11/14/2002	Field Sample	8151	120-36-5	T	Dichloprop	6	U	6	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8081	60-57-1	T	Dieldrin	0.1	U	0.1	ug/l
R2AM1W		False	11/14/2002	Field Sample	8081	60-57-1	T	Dieldrin	0.1	UJ	0.1	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8270	84-66-2	T	Diethyl Phthalate	10	U	10	ug/l
R2AM1W		False	11/14/2002	Field Sample	8270	84-66-2	T	Diethyl Phthalate	10	U	10	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8270	131-11-3	T	Dimethyl Phthalate	10	U	10	ug/l
R2AM1W		False	11/14/2002	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	10	U	10	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8270	84-74-2	T	Di-n-butylphthalate	10	U	10	ug/l
R2AM1W		False	11/14/2002	Field Sample	8270	84-74-2	T	Di-n-butylphthalate	10	U	10	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8270	117-84-0	T	Di-n-octylphthalate	10	U	10	ug/l
R2AM1W		False	11/14/2002	Field Sample	8270	117-84-0	T	Di-n-octylphthalate	10	U	10	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8270	88-85-7	T	Dinoseb	10	U	10	ug/l
R2AM1W		False	11/14/2002	Field Sample	8270	88-85-7	T	Dinoseb	10	U	10	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8081	959-98-8	T	Endosulfan I	0.05	U	0.05	ug/l
R2AM1W		False	11/14/2002	Field Sample	8081	959-98-8	T	Endosulfan I	0.05	UJ	0.05	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8081	33213-65-9	T	Endosulfan II	0.1	U	0.1	ug/l
R2AM1W		False	11/14/2002	Field Sample	8081	33213-65-9	T	Endosulfan II	0.1	UJ	0.1	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8081	1031-07-8	T	Endosulfan Sulfate	0.1	U	0.1	ug/l
R2AM1W		False	11/14/2002	Field Sample	8081	1031-07-8	T	Endosulfan Sulfate	0.1	UJ	0.1	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8081	72-20-8	T	Endrin	0.1	U	0.1	ug/l
R2AM1W		False	11/14/2002	Field Sample	8081	72-20-8	T	Endrin	0.1	UJ	0.1	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8081	7421-93-4	T	Endrin Aldehyde	0.1	U	0.1	ug/l
R2AM1W		False	11/14/2002	Field Sample	8081	7421-93-4	T	Endrin Aldehyde	0.1	UJ	0.1	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8081	53494-70-5	T	Endrin Ketone	0.1	U	0.1	ug/l
R2AM1W		False	11/14/2002	Field Sample	8081	53494-70-5	T	Endrin Ketone	0.1	UJ	0.1	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8260	100-41-4	T	Ethylbenzene	1	U	1	ug/l
R2AM1W		False	11/14/2002	Field Sample	8260	100-41-4	T	Ethylbenzene	1	U	1	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8270	206-44-0	T	Fluoranthene	10	U	10	ug/l
R2AM1W		False	11/14/2002	Field Sample	8270	206-44-0	T	Fluoranthene	10	U	10	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8270	86-73-7	T	Fluorene	10	U	10	ug/l
R2AM1W		False	11/14/2002	Field Sample	8270	86-73-7	T	Fluorene	10	U	10	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8081	58-89-9	T	gamma-BHC (Lindane)	0.05	U	0.05	ug/l
R2AM1W		False	11/14/2002	Field Sample	8081	58-89-9	T	gamma-BHC (Lindane)	0.05	UJ	0.05	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8081	5103-74-2	T	gamma-Chlordane	0.05	U	0.05	ug/l
R2AM1W		False	11/14/2002	Field Sample	8081	5103-74-2	T	gamma-Chlordane	0.05	UJ	0.05	ug/l
R2AM1W		False	11/14/2002	Field Sample	130.2	5-11778	T	Hardness, Carbonate	240		200	mg/l as Ca
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	130.2	5-11778	T	Hardness, Carbonate	220		200	mg/l as Ca
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8081	76-44-8	T	Heptachlor	0.05	U	0.05	ug/l
R2AM1W		False	11/14/2002	Field Sample	8081	76-44-8	T	Heptachlor	0.05	UJ	0.05	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	8081	1024-57-3	T	Heptachlor Epoxide	0.05	U	0.05	ug/l
R2AM1W		False	11/14/2002	Field Sample	8081	1024-57-3	T	Heptachlor Epoxide	0.05	UJ	0.05	ug/l
R2AM2W	R2AM1W	False	11/14/2002	Field Duplicate	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	0.3	UJ	0.3	ug/l

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	0.3	UJ	0.3	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	10	U	10	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	10	U	10	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	0.2	UJ	0.2	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	0.2	UJ	0.2	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	10	U	10	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	10	U	10	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	10	U	10	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	10	U	10	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	10	U	10	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	10	U	10	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	10	U	10	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	10	U	10	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	D	Iron	[illegible]	J	0.05	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	D	Iron	0.05	U	0.05	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	Iron	1.2		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	Iron	1.3		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	10	U	10	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	10	U	10	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	D	Lead	0.005	U	0.005	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	D	Lead	0.005	U	0.005	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	Lead	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	Lead	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	D	Magnesium	27		0.5	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	D	Magnesium	29		0.5	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	Magnesium	[illegible]		0.5	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	Magnesium	[illegible]		0.5	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	D	Manganese	[illegible]	U	[illegible]	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	D	Manganese	[illegible]	U	[illegible]	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	Manganese	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	Manganese	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	D	Mercury	[illegible]	U	[illegible]	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	D	Mercury	[illegible]	U	[illegible]	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	D	Nickel	[illegible]	U	[illegible]	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	D	Nickel	[illegible]	U	[illegible]	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	D	Potassium	3.3		[illegible]	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	D	Potassium	3.2		[illegible]	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	Potassium	3.3		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	Potassium	3.4		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	D	Selenium	[illegible]	U	[illegible]	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	D	Selenium	[illegible]	U	[illegible]	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	D	Silver	[illegible]	U	[illegible]	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	D	Silver	[illegible]	U	[illegible]	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	D	Sodium	20	J	[illegible]	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	D	Sodium	[illegible]	J	[illegible]	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	1	U	1	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	1	U	1	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	0.2	UJ	0.2	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	0.2	UJ	0.2	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	1	U	1	[illegible]

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R2AU1W		False	11/14/2002	Field Sample	8260	127-18-4	T	Tetrachloroethene	1	U	1	ug/l
R2AU1W-Filtered	R2AU1W	True	11/14/2002	Field Sample	6010	7440-28-0	D	Thallium	0.01	U	0.01	mg/l
R2AU2W-Filtered	R2AU2W-Filtered	True	11/14/2002	Field Duplicate	6010	7440-28-0	D	Thallium	0.01	U	0.01	mg/l
R2AU1W		False	11/14/2002	Field Sample	6010	7440-28-0	T	Thallium	0.01	U	0.01	mg/l
R2AU2W	R2AU1W	False	11/14/2002	Field Duplicate	6010	7440-28-0	T	Thallium	0.01	U	0.01	mg/l
R2AU2W	R2AU1W	False	11/14/2002	Field Duplicate	8260	108-88-3	T	Toluene	1	U	1	ug/l
R2AU1W		False	11/14/2002	Field Sample	8260	108-88-3	T	Toluene	1	U	1	ug/l
R2AU2W	R2AU1W	False	11/14/2002	Field Duplicate	8081	8001-35-2	T	Toxaphene	5	U	5	ug/l
R2AU1W		False	11/14/2002	Field Sample	8081	8001-35-2	T	Toxaphene	5	UJ	5	ug/l
R2AU2W	R2AU1W	False	11/14/2002	Field Duplicate	8260	10061-02-6	T	trans-1,3-Dichloropropene	1	U	1	ug/l
R2AU1W		False	11/14/2002	Field Sample	8260	10061-02-6	T	trans-1,3-Dichloropropene	1	U	1	ug/l
R2AU2W	R2AU1W	False	11/14/2002	Field Duplicate	680	C-TRICHLOROB	T	Trichlorobiphenyl	0.1	UJ	0.1	ug/l
R2AU1W		False	11/14/2002	Field Sample	680	C-TRICHLOROB	T	Trichlorobiphenyl	0.1	UJ	0.1	ug/l
R2AU2W	R2AU1W	False	11/14/2002	Field Duplicate	8260	79-01-6	T	Trichloroethylene	1	U	1	ug/l
R2AU1W		False	11/14/2002	Field Sample	8260	79-01-6	T	Trichloroethylene	1	U	1	ug/l
R2AU1W-Filtered	R2AU1W	True	11/14/2002	Field Sample	6010	7440-62-2	D	Vanadium	0.01	U	0.01	mg/l
R2AU2W-Filtered	R2AU2W-Filtered	True	11/14/2002	Field Duplicate	6010	7440-62-2	D	Vanadium	0.01	U	0.01	mg/l
R2AU1W		False	11/14/2002	Field Sample	6010	7440-62-2	T	Vanadium	0.01	U	0.01	mg/l
R2AU2W	R2AU1W	False	11/14/2002	Field Duplicate	6010	7440-62-2	T	Vanadium	0.01	U	0.01	mg/l
R2AU2W	R2AU1W	False	11/14/2002	Field Duplicate	8260	75-01-4	T	Vinyl chloride	1	U	1	ug/l
R2AU1W		False	11/14/2002	Field Sample	8260	75-01-4	T	Vinyl chloride	1	U	1	ug/l
R2AU2W	R2AU1W	False	11/14/2002	Field Duplicate	8260	1330-20-7	T	Xylenes, Total	2	U	2	ug/l
R2AU1W		False	11/14/2002	Field Sample	8260	1330-20-7	T	Xylenes, Total	2	U	2	ug/l
R2AU2W	R2AU1W	False	11/14/2002	Field Duplicate	6010	7440-66-6	T	Zinc	0.0061	J	0.02	mg/l
R2AU1W-Filtered	R2AU1W	True	11/14/2002	Field Sample	6010	7440-66-6	D	Zinc	0.02	U	0.02	mg/l
R2AU1W		False	11/14/2002	Field Sample	6010	7440-66-6	T	Zinc	0.02	U	0.02	mg/l
R2AU2W-Filtered	R2AU2W-Filtered	True	11/14/2002	Field Duplicate	6010	7440-66-6	D	Zinc	0.02		0.02	mg/l
R2AU1W		False	11/14/2002	Field Sample	8260	71-55-6	T	1,1,1-Trichloroethane	1	UJ	1	ug/l
R2AU1W		False	11/14/2002	Field Sample	8260	79-34-5	T	1,1,2,2-Tetrachloroethane	1	U	1	ug/l
R2AU1W		False	11/14/2002	Field Sample	8260	79-00-5	T	1,1,2-Trichloroethane	1	U	1	ug/l
R2AU1W		False	11/14/2002	Field Sample	8260	75-34-3	T	1,1-Dichloroethane	1	U	1	ug/l
R2AU1W		False	11/14/2002	Field Sample	8260	75-35-4	T	1,1-Dichloroethylene	1	U	1	ug/l
R2AU1W		False	11/14/2002	Field Sample	8270	120-82-1	T	1,2,4-Trichlorobenzene	10	U	10	ug/l
R2AU1W		False	11/14/2002	Field Sample	8270	95-50-1	T	1,2-Dichlorobenzene	10	U	10	ug/l
R2AU1W		False	11/14/2002	Field Sample	8260	107-06-2	T	1,2-Dichloroethane	1	U	1	ug/l
R2AU1W		False	11/14/2002	Field Sample	8260	540-59-0	T	1,2-Dichloroethene (total)	2	U	2	ug/l
R2AU1W		False	11/14/2002	Field Sample	8260	78-87-5	T	1,2-Dichloropropane	1	U	1	ug/l
R2AU1W		False	11/14/2002	Field Sample	8270	541-73-1	T	1,3-Dichlorobenzene	10	U	10	ug/l
R2AU1W		False	11/14/2002	Field Sample	8270	106-46-7	T	1,4-Dichlorobenzene	10	U	10	ug/l
R2AU1W		False	11/14/2002	Field Sample	8270	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	10	U	10	ug/l
R2AU1W		False	11/14/2002	Field Sample	8151	93-76-5	T	2,4,5-T	0.5	U	0.5	ug/l
R2AU1W		False	11/14/2002	Field Sample	8151	93-72-1	T	2,4,5-TP (Silvex)	0.5	U	0.5	ug/l
R2AU1W		False	11/14/2002	Field Sample	8270	95-95-4	T	2,4,5-Trichlorophenol	10	U	10	ug/l
R2AU1W		False	11/14/2002	Field Sample	8270	88-06-2	T	2,4,6-Trichlorophenol	10	U	10	ug/l
R2AU1W		False	11/14/2002	Field Sample	8151	94-75-7	T	2,4-D	0.5	U	0.5	ug/l
R2AU1W		False	11/14/2002	Field Sample	8151	94-82-6	T	2,4-DB	0.5	UJ	0.5	ug/l
R2AU1W		False	11/14/2002	Field Sample	8270	120-83-2	T	2,4-Dichlorophenol	10	U	10	ug/l
R2AU1W		False	11/14/2002	Field Sample	8270	105-67-9	T	2,4-Dimethylphenol	10	U	10	ug/l
R2AU1W		False	11/14/2002	Field Sample	8270	51-28-5	T	2,4-Dinitrophenol	50	UJ	50	ug/l
R2AU1W		False	11/14/2002	Field Sample	8270	121-14-2	T	2,4-Dinitrotoluene	10	U	10	ug/l
R2AU1W		False	11/14/2002	Field Sample	8270	606-20-2	T	2,6-Dinitrotoluene	10	U	10	ug/l
R2AU1W		False	11/14/2002	Field Sample	8260	78-93-3	T	2-Butanone (MEK)	10	U	10	ug/l
R2AU1W		False	11/14/2002	Field Sample	8270	91-58-7	T	2-Chloronaphthalene	10	U	10	ug/l
R2AU1W		False	11/14/2002	Field Sample	8270	95-57-8	T	2-Chlorophenol	10	U	10	ug/l
R2AU1W		False	11/14/2002	Field Sample	8270	91-57-6	T	2-Methylnaphthalene	10	U	10	ug/l
R2AU1W		False	11/14/2002	Field Sample	8270	95-48-7	T	2-Methylphenol (o-Cresol)	10	U	10	ug/l
R2AU1W		False	11/14/2002	Field Sample	8270	88-74-4	T	2-Nitroaniline	50	UJ	50	ug/l
R2AU1W		False	11/14/2002	Field Sample	8270	88-75-5	T	2-Nitrophenol	10	U	10	ug/l
R2AU1W		False	11/14/2002	Field Sample	8270	91-94-1	T	3,3'-Dichlorobenzidine	20	U	20	ug/l
R2AU1W		False	11/14/2002	Field Sample	8270	106-44-5	T	3-Methylphenol(4-Methylphenol (mlp-Cresol)	10	U	10	ug/l
R2AU1W		False	11/14/2002	Field Sample	8270	99-09-2	T	3-Nitroaniline	50	UJ	50	ug/l
R2AU1W		False	11/14/2002	Field Sample	8081	72-54-8	T	4,4'-DDD	0.1	U	0.1	ug/l
R2AU1W		False	11/14/2002	Field Sample	8081	72-55-9	T	4,4'-DDE	0.1	U	0.1	ug/l
R2AU1W		False	11/14/2002	Field Sample	8081	50-29-3	T	4,4'-DDT	0.1	U	0.1	ug/l
R2AU1W		False	11/14/2002	Field Sample	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	50	U	50	ug/l
R2AU1W		False	11/14/2002	Field Sample	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	10	U	10	ug/l
R2AU1W		False	11/14/2002	Field Sample	8270	59-50-7	T	4-Chloro-3-methylphenol	10	U	10	ug/l
R2AU1W		False	11/14/2002	Field Sample	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	10	U	10	ug/l
R2AU1W		False	11/14/2002	Field Sample	8260	108-10-1	T	4-Methyl-2-pentanone (MIBK)	10	U	10	ug/l
R2AU1W		False	11/14/2002	Field Sample	8270	100-02-7	T	4-Nitrophenol	50	U	50	ug/l
R2AU1W		False	11/14/2002	Field Sample	8270	83-32-9	T	Acenaphthene	10	U	10	ug/l
R2AU1W		False	11/14/2002	Field Sample	8270	208-96-8	T	Acenaphthylene	10	U	10	ug/l
R2AU1W		False	11/14/2002	Field Sample	8260	67-64-1	T	Acetone	25	U	25	ug/l
R2AU1W		False	11/14/2002	Field Sample	8081	309-00-2	T	Aldrin	0.05	U	0.05	ug/l
R2AU1W		False	11/14/2002	Field Sample	8081	319-84-6	T	alpha-BHC	0.05	U	0.05	ug/l
R2AU1W		False	11/14/2002	Field Sample	8081	5103-71-9	T	alpha-Chlordane	0.05	U	0.05	ug/l
R2AU1W-Filtered	R2AU1W	True	11/14/2002	Field Sample	6010	7429-90-5	D	Aluminum	0.2	U	0.2	mg/l
R2AU1W		False	11/14/2002	Field Sample	6010	7429-90-5	T	Aluminum	0.68		0.02	mg/l
R2AU1W		False	11/14/2002	Field Sample	8270	120-12-7	T	Anthracene	10	U	10	ug/l
R2AU1W-Filtered	R2AU1W	True	11/14/2002	Field Sample	6010	7440-36-0	D	Antimony	0.02	UJ	0.02	mg/l
R2AU1W		False	11/14/2002	Field Sample	6010	7440-36-0	T	Antimony	0.02	UJ	0.02	mg/l
R2AU1W-Filtered	R2AU1W	True	11/14/2002	Field Sample	6010	7440-38-2	D	Arsenic	0.01	U	0.01	mg/l
R2AU1W		False	11/14/2002	Field Sample	6010	7440-38-2	T	Arsenic	0.01	U	0.01	mg/l
R2AU1W-Filtered	R2AU1W	True	11/14/2002	Field Sample	6010	7440-39-3	D	Barium	0.05		0.01	mg/l
R2AU1W		False	11/14/2002	Field Sample	6010	7440-39-3	T	Barium	0.08		0.01	mg/l
R2AU1W		False	11/14/2002	Field Sample	8260	71-43-2	T	Benzene	1	U	1	ug/l
R2AU1W		False	11/14/2002	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	10	U	10	ug/l
R2AU1W		False	11/14/2002	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	10	U	10	ug/l
R2AU1W		False	11/14/2002	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	10	U	10	ug/l
R2AU1W		False	11/14/2002	Field Sample	8270	191-24-2	T	Benzo(g,h,i)perylene	10	U	10	ug/l
R2AU1W		False	11/14/2002	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	10	U	10	ug/l
R2AU1W		False	11/14/2002	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	10	U	10	ug/l
R2AU1W-Filtered	R2AU1W	True	11/14/2002	Field Sample	6010	7440-41-7	D	Beryllium	0.004	U	0.004	mg/l
R2AU1W		False	11/14/2002	Field Sample	6010	7440-41-7	T	Beryllium	0.004	U	0.004	mg/l
R2AU1W		False	11/14/2002	Field Sample	8081	319-85-7	T	beta-BHC	0.05	U	0.05	ug/l
R2AU1W		False	11/14/2002	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	10	U	10	ug/l
R2AU1W		False	11/14/2002	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	10	U	10	ug/l
R2AU1W		False	11/14/2002	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	10	U	10	ug/l
R2AU1W		False	11/14/2002	Field Sample	8260	75-27-4	T	Bromodichloromethane	1	UJ	1	ug/l
R2AU1W		False	11/14/2002	Field Sample	8260	75-25-2	T	Bromoform	1	U	1	ug/l
R2AU1W		False	11/14/2002	Field Sample	8260	74-83-9	T	Bromomethane (Methyl bromide)	1	R	1	ug/l
R2AU1W-Filtered	R2AU1W	True	11/14/2002	Field Sample	6010	7440-43-9	D	Cadmium	0.005	U	0.005	mg/l
R2AU1W		False	11/14/2002	Field Sample	6010	7440-43-9	T	Cadmium	0.005	U	0.005	mg/l

Appendix B-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
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[illegible]		No	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	1	U	1	[illegible]
[illegible]		No	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	1	U	1	[illegible]
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[illegible]		No	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	1	U	1	[illegible]
[illegible]		No	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	1	U	1	[illegible]

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R2AU1W		False	11/14/2002	Field Sample	8260	10061-02-6	T	trans-1,3-Dichloropropene	1	U	1	ug/l
R2AU1W		False	11/14/2002	Field Sample	680	C-TRICHLOROB	T	Trichlorobiphenyl	0.1	UJ	0.1	ug/l
R2AU1W		False	11/14/2002	Field Sample	8260	79-01-6	T	Trichloroethylene	1	U	1	ug/l
R2AU1W-Filtered	R2AU1W	True	11/14/2002	Field Sample	6010	7440-62-2	D	Vanadium	0.01	U	0.01	ug/l
R2AU1W		False	11/14/2002	Field Sample	6010	7440-62-2	T	Vanadium	0.01	U	0.01	ug/l
R2AU1W		False	11/14/2002	Field Sample	8260	75-01-4	T	Vinyl chloride	1	U	1	ug/l
R2AU1W		False	11/14/2002	Field Sample	8260	1330-20-7	T	Xylenes, Total	2	U	2	ug/l
R2AU1W-Filtered	R2AU1W	True	11/14/2002	Field Sample	6010	7440-66-6	D	Zinc	0.02	U	0.02	ug/l
R2AU1W		False	11/14/2002	Field Sample	6010	7440-66-6	T	Zinc	0.02	U	0.02	ug/l
R2B01W		False	11/13/2002	Field Sample	8260	71-55-6	T	1,1,1-Trichloroethane	1	UJ	1	ug/l
R2B01W		False	11/13/2002	Field Sample	8260	79-34-5	T	1,1,2,2-Tetrachloroethane	1	U	1	ug/l
R2B01W		False	11/13/2002	Field Sample	8260	79-00-5	T	1,1,2-Trichloroethane	1	U	1	ug/l
R2B01W		False	11/13/2002	Field Sample	8260	75-34-3	T	1,1-Dichloroethane	1	U	1	ug/l
R2B01W		False	11/13/2002	Field Sample	8260	75-35-4	T	1,1-Dichloroethylene	1	U	1	ug/l
R2B01W		False	11/13/2002	Field Sample	8270	120-82-1	T	1,2,4-Trichlorobenzene	10	U	10	ug/l
R2B01W		False	11/13/2002	Field Sample	8270	95-50-1	T	1,2-Dichlorobenzene	10	U	10	ug/l
R2B01W		False	11/13/2002	Field Sample	8260	107-06-2	T	1,2-Dichloroethane	1	U	1	ug/l
R2B01W		False	11/13/2002	Field Sample	8260	540-59-0	T	1,2-Dichloroethene (total)	2	U	2	ug/l
R2B01W		False	11/13/2002	Field Sample	8260	78-87-5	T	1,2-Dichloropropane	1	U	1	ug/l
R2B01W		False	11/13/2002	Field Sample	8270	541-73-1	T	1,3-Dichlorobenzene	10	U	10	ug/l
R2B01W		False	11/13/2002	Field Sample	8270	106-46-7	T	1,4-Dichlorobenzene	10	U	10	ug/l
R2B01W		False	11/13/2002	Field Sample	8270	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	10	U	10	ug/l
R2B01W		False	11/13/2002	Field Sample	8151	93-76-5	T	2,4,5-T	0.5	U	0.5	ug/l
R2B01W		False	11/13/2002	Field Sample	8151	93-72-1	T	2,4,5-TP (Silvex)	0.5	U	0.5	ug/l
R2B01W		False	11/13/2002	Field Sample	8270	95-95-4	T	2,4,5-Trichlorophenol	10	U	10	ug/l
R2B01W		False	11/13/2002	Field Sample	8270	88-06-2	T	2,4,6-Trichlorophenol	10	U	10	ug/l
R2B01W		False	11/13/2002	Field Sample	8151	94-75-7	T	2,4-D	0.5	U	0.5	ug/l
R2B01W		False	11/13/2002	Field Sample	8151	94-82-6	T	2,4-DB	0.5	UJ	0.5	ug/l
R2B01W		False	11/13/2002	Field Sample	8270	120-83-2	T	2,4-Dichlorophenol	10	U	10	ug/l
R2B01W		False	11/13/2002	Field Sample	8270	105-67-9	T	2,4-Dimethylphenol	10	U	10	ug/l
R2B01W		False	11/13/2002	Field Sample	8270	51-28-5	T	2,4-Dinitrophenol	50	UJ	50	ug/l
R2B01W		False	11/13/2002	Field Sample	8270	121-14-2	T	2,4-Dinitrotoluene	10	U	10	ug/l
R2B01W		False	11/13/2002	Field Sample	8270	606-20-2	T	2,6-Dinitrotoluene	10	U	10	ug/l
R2B01W		False	11/13/2002	Field Sample	8260	78-93-3	T	2-Butanone (MEK)	10	U	10	ug/l
R2B01W		False	11/13/2002	Field Sample	8270	91-58-7	T	2-Chloronaphthalene	10	U	10	ug/l
R2B01W		False	11/13/2002	Field Sample	8270	95-57-8	T	2-Chlorophenol	10	U	10	ug/l
R2B01W		False	11/13/2002	Field Sample	8270	91-57-6	T	2-Methylnaphthalene	10	U	10	ug/l
R2B01W		False	11/13/2002	Field Sample	8270	95-48-7	T	2-Methylphenol (o-Cresol)	10	U	10	ug/l
R2B01W		False	11/13/2002	Field Sample	8270	88-74-4	T	2-Nitroaniline	50	UJ	50	ug/l
R2B01W		False	11/13/2002	Field Sample	8270	88-75-5	T	2-Nitrophenol	10	U	10	ug/l
R2B01W		False	11/13/2002	Field Sample	8270	91-94-1	T	3,3'-Dichlorobenzidine	20	U	20	ug/l
R2B01W		False	11/13/2002	Field Sample	8270	108-44-5	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	10	U	10	ug/l
R2B01W		False	11/13/2002	Field Sample	8270	99-09-2	T	3-Nitroaniline	50	UJ	50	ug/l
R2B01W		False	11/13/2002	Field Sample	8081	72-54-8	T	4,4'-DDD	0.1	U	0.1	ug/l
R2B01W		False	11/13/2002	Field Sample	8081	72-55-9	T	4,4'-DDE	0.1	U	0.1	ug/l
R2B01W		False	11/13/2002	Field Sample	8081	50-29-3	T	4,4'-DDT	0.1	U	0.1	ug/l
R2B01W		False	11/13/2002	Field Sample	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	50	U	50	ug/l
R2B01W		False	11/13/2002	Field Sample	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	10	U	10	ug/l
R2B01W		False	11/13/2002	Field Sample	8270	59-50-7	T	4-Chloro-3-methylphenol	10	U	10	ug/l
R2B01W		False	11/13/2002	Field Sample	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	10	U	10	ug/l
R2B01W		False	11/13/2002	Field Sample	8260	108-10-1	T	4-Methyl-2-pentanone (MIBK)	10	U	10	ug/l
R2B01W		False	11/13/2002	Field Sample	8270	100-02-7	T	4-Nitrophenol	50	U	50	ug/l
R2B01W		False	11/13/2002	Field Sample	8270	83-32-9	T	Acenaphthene	10	U	10	ug/l
R2B01W		False	11/13/2002	Field Sample	8270	208-96-8	T	Acenaphthylene	10	U	10	ug/l
R2B01W		False	11/13/2002	Field Sample	8260	67-64-1	T	Acetone	25	U	25	ug/l
R2B01W		False	11/13/2002	Field Sample	8081	309-00-2	T	Aldrin	0.05	U	0.05	ug/l
R2B01W		False	11/13/2002	Field Sample	8081	319-84-6	T	alpha-BHC	0.05	U	0.05	ug/l
R2B01W		False	11/13/2002	Field Sample	8081	5103-71-9	T	alpha-Chlordane	0.05	U	0.05	ug/l
R2B01W-Filtered	R2B01W	True	11/13/2002	Field Sample	6010	7429-90-5	D	Aluminum	0.2	U	0.2	ug/l
R2B01W		False	11/13/2002	Field Sample	6010	7429-90-5	T	Aluminum	0.75		0.02	ug/l
R2B01W		False	11/13/2002	Field Sample	8270	120-12-7	T	Anthracene	10	U	10	ug/l
R2B01W-Filtered	R2B01W	True	11/13/2002	Field Sample	6010	7440-36-0	D	Antimony	0.02	UJ	0.02	ug/l
R2B01W		False	11/13/2002	Field Sample	6010	7440-36-0	T	Antimony	0.02	UJ	0.02	ug/l
R2B01W-Filtered	R2B01W	True	11/13/2002	Field Sample	6010	7440-38-2	D	Arsenic	0.01	U	0.01	ug/l
R2B01W		False	11/13/2002	Field Sample	6010	7440-38-2	T	Arsenic	0.01	U	0.01	ug/l
R2B01W-Filtered	R2B01W	True	11/13/2002	Field Sample	6010	7440-39-3	D	Barium	0.049		0.01	ug/l
R2B01W		False	11/13/2002	Field Sample	6010	7440-39-3	T	Barium	0.058		0.01	ug/l
R2B01W		False	11/13/2002	Field Sample	8260	71-43-2	T	Benzene	1	U	1	ug/l
R2B01W		False	11/13/2002	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	10	U	10	ug/l
R2B01W		False	11/13/2002	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	10	U	10	ug/l
R2B01W		False	11/13/2002	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	10	U	10	ug/l
R2B01W		False	11/13/2002	Field Sample	8270	191-24-2	T	Benzo(g,h,i)perylene	10	U	10	ug/l
R2B01W		False	11/13/2002	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	10	U	10	ug/l
R2B01W		False	11/13/2002	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	10	U	10	ug/l
R2B01W-Filtered	R2B01W	True	11/13/2002	Field Sample	6010	7440-41-7	D	Beryllium	0.004	U	0.004	ug/l
R2B01W		False	11/13/2002	Field Sample	6010	7440-41-7	T	Beryllium	0.004	U	0.004	ug/l
R2B01W		False	11/13/2002	Field Sample	8081	319-85-7	T	beta-BHC	0.05	U	0.05	ug/l
R2B01W		False	11/13/2002	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	10	U	10	ug/l
R2B01W		False	11/13/2002	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	10	U	10	ug/l
R2B01W		False	11/13/2002	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	10	U	10	ug/l
R2B01W		False	11/13/2002	Field Sample	8260	75-27-4	T	Bromodichloromethane	1	UJ	1	ug/l
R2B01W		False	11/13/2002	Field Sample	8260	75-25-2	T	Bromoform	1	U	1	ug/l
R2B01W		False	11/13/2002	Field Sample	8260	74-83-9	T	Bromomethane	1	U	1	ug/l
R2B01W-Filtered	R2B01W	True	11/13/2002	Field Sample	6010	7440-43-9	D	Cadmium	0.005	U	0.005	ug/l
R2B01W		False	11/13/2002	Field Sample	6010	7440-43-9	T	Cadmium	0.005	U	0.005	ug/l
R2B01W-Filtered	R2B01W	True	11/13/2002	Field Sample	6010	7440-70-2	D	Calcium	49		0.5	ug/l
R2B01W		False	11/13/2002	Field Sample	6010	7440-70-2	T	Calcium	50		0.5	ug/l
R2B01W		False	11/13/2002	Field Sample	8270	86-74-8	T	Carbazole	10	U	10	ug/l
R2B01W		False	11/13/2002	Field Sample	8260	75-15-0	T	Carbon Disulfide	1	U	1	ug/l
R2B01W		False	11/13/2002	Field Sample	8260	56-23-5	T	Carbon Tetrachloride	1	UJ	1	ug/l
R2B01W		False	11/13/2002	Field Sample	8260	108-90-7	T	Chlorobenzene	1	U	1	ug/l
R2B01W		False	11/13/2002	Field Sample	8260	124-48-1	T	Chlorodibromomethane	1	U	1	ug/l
R2B01W		False	11/13/2002	Field Sample	8260	75-00-3	T	Chloroethane	1	U	1	ug/l
R2B01W		False	11/13/2002	Field Sample	8260	67-66-3	T	Chloroform	1	U	1	ug/l
R2B01W		False	11/13/2002	Field Sample	8260	74-87-3	T	Chloromethane	1	UJ	1	ug/l
R2B01W-Filtered	R2B01W	True	11/13/2002	Field Sample	6010	7440-47-3	D	Chromium	0.01	U	0.01	ug/l
R2B01W		False	11/13/2002	Field Sample	6010	7440-47-3	T	Chromium	0.01	U	0.01	ug/l
R2B01W		False	11/13/2002	Field Sample	8270	218-01-9	T	Chrysene	10	U	10	ug/l
R2B01W		False	11/13/2002	Field Sample	8260	10061-01-5	T	cis-1,3-Dichloropropene	1	U	1	ug/l
R2B01W-Filtered	R2B01W	True	11/13/2002	Field Sample	6010	7440-48-4	D	Cobalt	0.01	U	0.01	ug/l
R2B01W		False	11/13/2002	Field Sample	6010	7440-48-4	T	Cobalt	0.01	U	0.01	ug/l
R2B01W-Filtered	R2B01W	True	11/13/2002	Field Sample	6010	7440-50-8	D	Copper	0.02	U	0.02	ug/l
R2B01W		False	11/13/2002	Field Sample	6010	7440-50-8	T	Copper	0.02	U	0.02	ug/l
R2B01W		False	11/13/2002	Field Sample	8151	75-99-0	T	Dalapon	120	U	120	ug/l

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	0.5	UJ	0.5	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	1.2	U	1.2	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	0.1	UJ	0.1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	5	U	5	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	6	U	6	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	0.1	U	0.1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
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[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	0.1	U	0.1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	0.1	U	0.1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	0.1	U	0.1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	0.1	U	0.1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	0.1	U	0.1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	1	U	1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
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[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	[illegible]	20		20	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	[illegible]	0.1	UJ	0.1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	[illegible]	0.2	UJ	0.2	[illegible]
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[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	[illegible]	[illegible]	U	[illegible]	[illegible]
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[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]		[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	[illegible]	20		0.5	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	20		0.5	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]		[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
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[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	0.1	UJ	0.1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	UJ	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	UJ	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	0.2	UJ	0.2	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	1	U	1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	[illegible]	3.1		[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	3.3		[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	[illegible]	15	J	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	J	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	1	U	1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	0.2	UJ	0.2	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	1	U	1	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	1	U	1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	5	U	5	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	1	U	1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	0.1	UJ	0.1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	1	U	1	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	1	U	1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	2	U	2	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	J	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	1	UJ	1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	1	U	1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	1	U	1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	1	U	1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	1	U	1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R28M1W		False	11/14/2002	Field Sample	8290	19408-74-3	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.00000087	U	0.00000087	ug/l
R28M1W		False	11/14/2002	Field Sample	8290	72918-21-9	T	1,2,3,7,8,9-HxCDF	0.00000084	U	0.00000084	ug/l
R28M1W		False	11/14/2002	Field Sample	8290	57117-41-6	T	1,2,3,7,8-Pentachlorodibenzofuran	0.00000086	U	0.00000086	ug/l
R28M1W		False	11/14/2002	Field Sample	8290	40321-76-4	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.0000015	U	0.0000015	ug/l
R28M1W		False	11/14/2002	Field Sample	8270	120-82-1	T	1,2,4-Trichlorobenzene	10	U	10	ug/l
R28M1W		False	11/14/2002	Field Sample	8270	95-50-1	T	1,2-Dichlorobenzene	10	U	10	ug/l
R28M1W		False	11/14/2002	Field Sample	8260	107-06-2	T	1,2-Dichloroethane	1	U	1	ug/l
R28M1W		False	11/14/2002	Field Sample	8260	540-59-0	T	1,2-Dichloroethene (total)	2	U	2	ug/l
R28M1W		False	11/14/2002	Field Sample	8260	78-87-5	T	1,2-Dichloropropane	1	U	1	ug/l
R28M1W		False	11/14/2002	Field Sample	8270	541-73-1	T	1,3-Dichlorobenzene	10	U	10	ug/l
R28M1W		False	11/14/2002	Field Sample	8270	106-46-7	T	1,4-Dichlorobenzene	10	U	10	ug/l
R28M1W		False	11/14/2002	Field Sample	8270	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	10	U	10	ug/l
R28M1W		False	11/14/2002	Field Sample	8290	60851-34-5	T	2,3,4,6,7,8-HxCDF	0.00000077	U	0.00000077	ug/l
R28M1W		False	11/14/2002	Field Sample	8290	57117-31-4	T	2,3,4,7,8-PeCDF	0.00000082	U	0.00000082	ug/l
R28M1W		False	11/14/2002	Field Sample	8290	1746-01-6	T	2,3,7,8-TCDD	0.00000067	U	0.00000067	ug/l
R28M1W		False	11/14/2002	Field Sample	8290	51207-31-9	T	2,3,7,8-Tetrachlorodibenzofuran	0.000002	U	0.000002	ug/l
R28M1W		False	11/14/2002	Field Sample	8151	93-76-5	T	2,4,5-T	0.5	U	0.5	ug/l
R28M1W		False	11/14/2002	Field Sample	8151	93-72-1	T	2,4,5-TP (Silvex)	0.5	U	0.5	ug/l
R28M1W		False	11/14/2002	Field Sample	8270	95-95-4	T	2,4,5-Trichlorophenol	10	U	10	ug/l
R28M1W		False	11/14/2002	Field Sample	8270	88-06-2	T	2,4,6-Trichlorophenol	10	U	10	ug/l
R28M1W		False	11/14/2002	Field Sample	8151	94-75-7	T	2,4-D	0.5	U	0.5	ug/l
R28M1W		False	11/14/2002	Field Sample	8151	94-82-6	T	2,4-DB	0.5	UJ	0.5	ug/l
R28M1W		False	11/14/2002	Field Sample	8270	120-83-2	T	2,4-Dichlorophenol	10	U	10	ug/l
R28M1W		False	11/14/2002	Field Sample	8270	105-67-9	T	2,4-Dimethylphenol	10	U	10	ug/l
R28M1W		False	11/14/2002	Field Sample	8270	51-28-5	T	2,4-Dinitrophenol	50	UJ	50	ug/l
R28M1W		False	11/14/2002	Field Sample	8270	121-14-2	T	2,4-Dinitrotoluene	10	U	10	ug/l
R28M1W		False	11/14/2002	Field Sample	8270	606-20-2	T	2,6-Dinitrotoluene	10	U	10	ug/l
R28M1W		False	11/14/2002	Field Sample	8260	78-93-3	T	2-Butanone (MEK)	10	U	10	ug/l
R28M1W		False	11/14/2002	Field Sample	8270	91-58-7	T	2-Chloronaphthalene	10	U	10	ug/l
R28M1W		False	11/14/2002	Field Sample	8270	95-57-8	T	2-Chlorophenol	10	U	10	ug/l
R28M1W		False	11/14/2002	Field Sample	8270	91-57-6	T	2-Methylnaphthalene	10	U	10	ug/l
R28M1W		False	11/14/2002	Field Sample	8270	95-48-7	T	2-Methylphenol (o-Cresol)	10	U	10	ug/l
R28M1W		False	11/14/2002	Field Sample	8270	88-74-4	T	2-Nitroaniline	50	UJ	50	ug/l
R28M1W		False	11/14/2002	Field Sample	8270	88-75-5	T	2-Nitrophenol	10	U	10	ug/l
R28M1W		False	11/14/2002	Field Sample	8270	91-94-1	T	3,3'-Dichlorobenzidine	20	U	20	ug/l
R28M1W		False	11/14/2002	Field Sample	8270	106-44-5	T	3-Methylphenol/4-Methylphenol (mlp-Cresol)	10	U	10	ug/l
R28M1W		False	11/14/2002	Field Sample	8270	99-09-2	T	3-Nitroaniline	50	UJ	50	ug/l
R28M1W		False	11/14/2002	Field Sample	8081	72-54-8	T	4,4'-DDD	0.1	U	0.1	ug/l
R28M1W		False	11/14/2002	Field Sample	8081	72-55-9	T	4,4'-DDE	0.1	U	0.1	ug/l
R28M1W		False	11/14/2002	Field Sample	8081	50-29-3	T	4,4'-DDT	0.1	U	0.1	ug/l
R28M1W		False	11/14/2002	Field Sample	8270	534-52-1	T	4,6-Dinitro-3-methylphenol	50	U	50	ug/l
R28M1W		False	11/14/2002	Field Sample	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	10	U	10	ug/l
R28M1W		False	11/14/2002	Field Sample	8270	59-50-7	T	4-Chloro-3-methylphenol	10	U	10	ug/l
R28M1W		False	11/14/2002	Field Sample	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	10	U	10	ug/l
R28M1W		False	11/14/2002	Field Sample	8260	108-10-1	T	4-Methyl-2-pentanone (MIBK)	10	U	10	ug/l
R28M1W		False	11/14/2002	Field Sample	8270	100-02-7	T	4-Nitrophenol	50	U	50	ug/l
R28M1W		False	11/14/2002	Field Sample	8270	83-32-9	T	Acenaphthene	10	U	10	ug/l
R28M1W		False	11/14/2002	Field Sample	8270	208-96-8	T	Acenaphthylene	10	U	10	ug/l
R28M1W		False	11/14/2002	Field Sample	8260	67-64-1	T	Acetone	25	U	25	ug/l
R28M1W		False	11/14/2002	Field Sample	8081	309-00-2	T	Aldrin	0.05	U	0.05	ug/l
R28M1W		False	11/14/2002	Field Sample	8081	319-84-6	T	alpha-BHC	0.05	U	0.05	ug/l
R28M1W		False	11/14/2002	Field Sample	8081	5103-71-9	T	alpha-Chlordane	0.05	U	0.05	ug/l
R28M1W-Filtered	R28M1W	True	11/14/2002	Field Sample	6010	7429-90-5	D	Aluminum	0.2	U	0.2	mg/l
R28M1W		False	11/14/2002	Field Sample	6010	7429-90-5	T	Aluminum	0.71		0.02	mg/l
R28M1W		False	11/14/2002	Field Sample	8270	120-12-7	T	Anthracene	10	U	10	ug/l
R28M1W-Filtered	R28M1W	True	11/14/2002	Field Sample	6010	7440-36-0	D	Antimony	0.02	UJ	0.02	mg/l
R28M1W		False	11/14/2002	Field Sample	6010	7440-36-0	T	Antimony	0.02	UJ	0.02	mg/l
R28M1W-Filtered	R28M1W	True	11/14/2002	Field Sample	6010	7440-38-2	D	Arsenic	0.01	U	0.01	mg/l
R28M1W		False	11/14/2002	Field Sample	6010	7440-38-2	T	Arsenic	0.01	U	0.01	mg/l
R28M1W-Filtered	R28M1W	True	11/14/2002	Field Sample	6010	7440-39-3	D	Barium	0.049		0.01	mg/l
R28M1W		False	11/14/2002	Field Sample	6010	7440-39-3	T	Barium	0.068		0.01	mg/l
R28M1W		False	11/14/2002	Field Sample	8260	71-43-2	T	Benzene	1	U	1	ug/l
R28M1W		False	11/14/2002	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	10	U	10	ug/l
R28M1W		False	11/14/2002	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	10	U	10	ug/l
R28M1W		False	11/14/2002	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	10	U	10	ug/l
R28M1W		False	11/14/2002	Field Sample	8270	191-24-2	T	Benzo(g,h,i)perylene	10	U	10	ug/l
R28M1W		False	11/14/2002	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	10	U	10	ug/l
R28M1W		False	11/14/2002	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	10	U	10	ug/l
R28M1W-Filtered	R28M1W	True	11/14/2002	Field Sample	6010	7440-41-7	D	Beryllium	0.004	U	0.004	mg/l
R28M1W		False	11/14/2002	Field Sample	6010	7440-41-7	T	Beryllium	0.004	U	0.004	mg/l
R28M1W		False	11/14/2002	Field Sample	8081	319-85-7	T	beta-BHC	0.05	U	0.05	ug/l
R28M1W		False	11/14/2002	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	10	U	10	ug/l
R28M1W		False	11/14/2002	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	10	U	10	ug/l
R28M1W		False	11/14/2002	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	10	U	10	ug/l
R28M1W		False	11/14/2002	Field Sample	8260	75-27-4	T	Bromodichloromethane	1	UJ	1	ug/l
R28M1W		False	11/14/2002	Field Sample	8260	75-25-2	T	Bromoform	1	U	1	ug/l
R28M1W		False	11/14/2002	Field Sample	8260	74-83-9	T	Bromomethane	1	U	1	ug/l
R28M1W-Filtered	R28M1W	True	11/14/2002	Field Sample	6010	7440-43-9	D	Cadmium	0.005	U	0.005	mg/l
R28M1W		False	11/14/2002	Field Sample	6010	7440-43-9	T	Cadmium	0.005	U	0.005	mg/l
R28M1W-Filtered	R28M1W	True	11/14/2002	Field Sample	6010	7440-70-2	D	Calcium	80		0.5	mg/l
R28M1W		False	11/14/2002	Field Sample	6010	7440-70-2	T	Calcium	51		0.5	mg/l
R28M1W		False	11/14/2002	Field Sample	8270	86-74-8	T	Carbazole	10	U	10	ug/l
R28M1W		False	11/14/2002	Field Sample	8260	75-15-0	T	Carbon Disulfide	0.3	J	1	ug/l
R28M1W		False	11/14/2002	Field Sample	8260	56-23-5	T	Carbon Tetrachloride	1	UJ	1	ug/l
R28M1W		False	11/14/2002	Field Sample	8260	108-90-7	T	Chlorobenzene	1	U	1	ug/l
R28M1W		False	11/14/2002	Field Sample	8260	124-48-1	T	Chlorodibromomethane	1	U	1	ug/l
R28M1W		False	11/14/2002	Field Sample	8260	75-00-3	T	Chloroethane	1	U	1	ug/l
R28M1W		False	11/14/2002	Field Sample	8260	67-66-3	T	Chloroform	1	U	1	ug/l
R28M1W		False	11/14/2002	Field Sample	8260	74-87-3	T	Chloromethane	1	UJ	1	ug/l
R28M1W-Filtered	R28M1W	True	11/14/2002	Field Sample	6010	7440-47-3	D	Chromium	0.01	U	0.01	mg/l
R28M1W		False	11/14/2002	Field Sample	6010	7440-47-3	T	Chromium	0.01	U	0.01	mg/l
R28M1W		False	11/14/2002	Field Sample	8270	218-01-9	T	Chrysene	10	U	10	ug/l
R28M1W		False	11/14/2002	Field Sample	8260	10061-01-5	T	cis-1,3-Dichloropropene	1	U	1	ug/l
R28M1W-Filtered	R28M1W	True	11/14/2002	Field Sample	6010	7440-48-4	D	Cobalt	0.00076	J	0.01	mg/l
R28M1W		False	11/14/2002	Field Sample	6010	7440-48-4	T	Cobalt	0.01	U	0.01	mg/l
R28M1W-Filtered	R28M1W	True	11/14/2002	Field Sample	6010	7440-50-8	D	Copper	0.02	U	0.02	mg/l
R28M1W		False	11/14/2002	Field Sample	6010	7440-50-8	T	Copper	0.02	U	0.02	mg/l
R28M1W		False	11/14/2002	Field Sample	8151	75-99-0	T	Dalapon	120	U	120	ug/l
R28M1W		False	11/14/2002	Field Sample	680	2051-24-3	T	Decachlorobiphenyl	0.5	UJ	0.5	ug/l
R28M1W		False	11/14/2002	Field Sample	8081	319-86-8	T	delta-BHC	0.05	U	0.05	ug/l
R28M1W		False	11/14/2002	Field Sample	8270	53-70-3	T	Dibenzo(a,h)anthracene	10	U	10	ug/l
R28M1W		False	11/14/2002	Field Sample	8270	132-64-9	T	Dibenzofuran	10	U	10	ug/l
R28M1W		False	11/14/2002	Field Sample	8151	1918-00-9	T	Dicamba	1.2	U	1.2	ug/l
R28M1W		False	11/14/2002	Field Sample	680	C-DICHLOROBI	T	Dichlorobiphenyl	0.1	UJ	0.1	ug/l
R28M1W		False	11/14/2002	Field Sample	8260	75-09-2	T	Dichloromethane	5	U	5	ug/l
R28M1W		False	11/14/2002	Field Sample	8151	120-36-5	T	Dichlorprop	6	U	6	ug/l

Appendix II-C

Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Magnesium	[illegible]		[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Nickel	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Selenium	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Thallium	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Vanadium	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Xylenes, Total	2	[illegible]	2	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Zinc	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Zinc	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	1	[illegible]	1	[illegible]
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[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	1	[illegible]	1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	2	[illegible]	2	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	1	[illegible]	1	[illegible]

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R2BU1W		False	11/15/2002	Field Sample	8270	541-73-1	T	1,3-Dichlorobenzene	10	U	10	ug/l
R2BU1W		False	11/15/2002	Field Sample	8270	106-46-7	T	1,4-Dichlorobenzene	10	U	10	ug/l
R2BU1W		False	11/15/2002	Field Sample	8270	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	10	U	10	ug/l
R2BU1W		False	11/15/2002	Field Sample	8151	93-76-5	T	2,4,5-T	0.5	U	0.5	ug/l
R2BU1W		False	11/15/2002	Field Sample	8151	93-72-1	T	2,4,5-TP (Silvex)	0.5	U	0.5	ug/l
R2BU1W		False	11/15/2002	Field Sample	8270	95-95-4	T	2,4,5-Trichlorophenol	10	U	10	ug/l
R2BU1W		False	11/15/2002	Field Sample	8270	88-06-2	T	2,4,6-Trichlorophenol	10	U	10	ug/l
R2BU1W		False	11/15/2002	Field Sample	8151	94-75-7	T	2,4-D	0.5	U	0.5	ug/l
R2BU1W		False	11/15/2002	Field Sample	8151	94-82-6	T	2,4-DB	0.5	U	0.5	ug/l
R2BU1W		False	11/15/2002	Field Sample	8270	120-83-2	T	2,4-Dichlorophenol	10	U	10	ug/l
R2BU1W		False	11/15/2002	Field Sample	8270	105-67-9	T	2,4-Dimethylphenol	10	U	10	ug/l
R2BU1W		False	11/15/2002	Field Sample	8270	51-28-5	T	2,4-Dinitrophenol	50	UJ	50	ug/l
R2BU1W		False	11/15/2002	Field Sample	8270	121-14-2	T	2,4-Dinitrotoluene	10	U	10	ug/l
R2BU1W		False	11/15/2002	Field Sample	8270	606-20-2	T	2,6-Dinitrotoluene	10	U	10	ug/l
R2BU1W		False	11/15/2002	Field Sample	8260	78-93-3	T	2-Butanone (MEK)	10	U	10	ug/l
R2BU1W		False	11/15/2002	Field Sample	8270	91-58-7	T	2-Chloronaphthalene	10	U	10	ug/l
R2BU1W		False	11/15/2002	Field Sample	8270	95-57-8	T	2-Chlorophenol	10	U	10	ug/l
R2BU1W		False	11/15/2002	Field Sample	8270	91-57-6	T	2-Methylnaphthalene	10	U	10	ug/l
R2BU1W		False	11/15/2002	Field Sample	8270	95-48-7	T	2-Methylphenol (o-Cresol)	10	U	10	ug/l
R2BU1W		False	11/15/2002	Field Sample	8270	88-74-4	T	2-Nitroaniline	50	UJ	50	ug/l
R2BU1W		False	11/15/2002	Field Sample	8270	88-75-5	T	2-Nitrophenol	10	U	10	ug/l
R2BU1W		False	11/15/2002	Field Sample	8270	91-94-1	T	3,3'-Dichlorobenzidine	20	U	20	ug/l
R2BU1W		False	11/15/2002	Field Sample	8270	108-44-5	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	10	U	10	ug/l
R2BU1W		False	11/15/2002	Field Sample	8270	99-09-2	T	3-Nitroaniline	50	UJ	50	ug/l
R2BU1W		False	11/15/2002	Field Sample	8081	72-54-8	T	4,4'-DDD	0.1	U	0.1	ug/l
R2BU1W		False	11/15/2002	Field Sample	8081	72-55-9	T	4,4'-DDE	0.1	U	0.1	ug/l
R2BU1W		False	11/15/2002	Field Sample	8081	50-29-3	T	4,4'-DDT	0.1	U	0.1	ug/l
R2BU1W		False	11/15/2002	Field Sample	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	50	U	50	ug/l
R2BU1W		False	11/15/2002	Field Sample	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	10	U	10	ug/l
R2BU1W		False	11/15/2002	Field Sample	8270	59-50-7	T	4-Chloro-3-methylphenol	10	U	10	ug/l
R2BU1W		False	11/15/2002	Field Sample	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	10	U	10	ug/l
R2BU1W		False	11/15/2002	Field Sample	8260	108-10-1	T	4-Methyl-2-pentanone (MIBK)	10	U	10	ug/l
R2BU1W		False	11/15/2002	Field Sample	8270	100-02-7	T	4-Nitrophenol	50	U	50	ug/l
R2BU1W		False	11/15/2002	Field Sample	8270	83-32-9	T	Acenaphthene	10	U	10	ug/l
R2BU1W		False	11/15/2002	Field Sample	8270	208-96-8	T	Acenaphthylene	10	U	10	ug/l
R2BU1W		False	11/15/2002	Field Sample	8260	67-64-1	T	Acetone	25	U	25	ug/l
R2BU1W		False	11/15/2002	Field Sample	8081	309-00-2	T	Aldrin	0.05	U	0.05	ug/l
R2BU1W		False	11/15/2002	Field Sample	8081	319-84-6	T	alpha-BHC	0.05	U	0.05	ug/l
R2BU1W		False	11/15/2002	Field Sample	8081	5103-71-9	T	alpha-Chlordane	0.05	U	0.05	ug/l
R2BU1W-Filtered	R2BU1W	True	11/15/2002	Field Sample	6010	7429-90-5	D	Aluminum	0.2	U	0.2	mg/l
R2BU1W		False	11/15/2002	Field Sample	6010	7429-90-5	T	Aluminum	0.89		0.02	mg/l
R2BU1W		False	11/15/2002	Field Sample	8270	120-12-7	T	Anthracene	10	U	10	ug/l
R2BU1W		False	11/15/2002	Field Sample	6010	7440-36-0	T	Antimony	0.02	U	0.02	mg/l
R2BU1W-Filtered	R2BU1W	True	11/15/2002	Field Sample	6010	7440-36-0	D	Antimony	0.02	UJ	0.02	mg/l
R2BU1W-Filtered	R2BU1W	True	11/15/2002	Field Sample	6010	7440-38-2	D	Arsenic	0.1	U	0.1	mg/l
R2BU1W		False	11/15/2002	Field Sample	6010	7440-38-2	T	Arsenic	0.01	U	0.01	mg/l
R2BU1W-Filtered	R2BU1W	True	11/15/2002	Field Sample	6010	7440-39-3	D	Barium	0.049		0.01	mg/l
R2BU1W		False	11/15/2002	Field Sample	6010	7440-39-3	T	Barium	0.068		0.01	mg/l
R2BU1W		False	11/15/2002	Field Sample	8260	71-43-2	T	Benzene	1	U	1	ug/l
R2BU1W		False	11/15/2002	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	10	U	10	ug/l
R2BU1W		False	11/15/2002	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	10	U	10	ug/l
R2BU1W		False	11/15/2002	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	10	U	10	ug/l
R2BU1W		False	11/15/2002	Field Sample	8270	191-24-2	T	Benzo(g,h,i)perylene	10	U	10	ug/l
R2BU1W		False	11/15/2002	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	10	U	10	ug/l
R2BU1W		False	11/15/2002	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	10	U	10	ug/l
R2BU1W-Filtered	R2BU1W	True	11/15/2002	Field Sample	6010	7440-41-7	D	Beryllium	0.004	U	0.004	mg/l
R2BU1W		False	11/15/2002	Field Sample	6010	7440-41-7	T	Beryllium	0.004	U	0.004	mg/l
R2BU1W		False	11/15/2002	Field Sample	8081	319-85-7	T	beta-BHC	0.05	U	0.05	ug/l
R2BU1W		False	11/15/2002	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	10	U	10	ug/l
R2BU1W		False	11/15/2002	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	10	U	10	ug/l
R2BU1W		False	11/15/2002	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	10	U	10	ug/l
R2BU1W		False	11/15/2002	Field Sample	8260	75-27-4	T	Bromodichloromethane	1	UJ	1	ug/l
R2BU1W		False	11/15/2002	Field Sample	8260	75-25-2	T	Bromoform	1	U	1	ug/l
R2BU1W		False	11/15/2002	Field Sample	8260	74-83-9	T	Bromomethane	1	U	1	ug/l
R2BU1W-Filtered	R2BU1W	True	11/15/2002	Field Sample	6010	7440-43-9	D	Cadmium	0.005	U	0.005	mg/l
R2BU1W		False	11/15/2002	Field Sample	6010	7440-43-9	T	Cadmium	0.005	U	0.005	mg/l
R2BU1W-Filtered	R2BU1W	True	11/15/2002	Field Sample	6010	7440-70-2	D	Calcium	50		0.5	mg/l
R2BU1W		False	11/15/2002	Field Sample	6010	7440-70-2	T	Calcium	51		0.5	mg/l
R2BU1W		False	11/15/2002	Field Sample	8270	86-74-8	T	Carbazole	10	U	10	ug/l
R2BU1W		False	11/15/2002	Field Sample	8260	75-15-0	T	Carbon Disulfide	1	U	1	ug/l
R2BU1W		False	11/15/2002	Field Sample	8260	56-23-5	T	Carbon Tetrachloride	1	UJ	1	ug/l
R2BU1W		False	11/15/2002	Field Sample	8260	108-90-7	T	Chlorobenzene	1	U	1	ug/l
R2BU1W		False	11/15/2002	Field Sample	8260	124-48-1	T	Chlorodibromomethane	1	U	1	ug/l
R2BU1W		False	11/15/2002	Field Sample	8260	75-00-3	T	Chloroethane	1	U	1	ug/l
R2BU1W		False	11/15/2002	Field Sample	8260	67-66-3	T	Chloroform	1	U	1	ug/l
R2BU1W		False	11/15/2002	Field Sample	8260	74-87-3	T	Chloromethane	0.57	J	0.5	ug/l
R2BU1W-Filtered	R2BU1W	True	11/15/2002	Field Sample	6010	7440-47-3	D	Chromium	0.01	U	0.01	mg/l
R2BU1W		False	11/15/2002	Field Sample	6010	7440-47-3	T	Chromium	0.01	U	0.01	mg/l
R2BU1W		False	11/15/2002	Field Sample	8270	218-01-9	T	Chrysene	10	U	10	ug/l
R2BU1W		False	11/15/2002	Field Sample	8260	10061-01-5	T	cis-1,3-Dichloropropene	1	U	1	ug/l
R2BU1W		False	11/15/2002	Field Sample	6010	7440-48-4	T	Cobalt	0.001	J	0.01	mg/l
R2BU1W-Filtered	R2BU1W	True	11/15/2002	Field Sample	6010	7440-48-4	D	Cobalt	0.01	U	0.01	mg/l
R2BU1W-Filtered	R2BU1W	True	11/15/2002	Field Sample	6010	7440-50-8	D	Copper	0.02	U	0.02	mg/l
R2BU1W		False	11/15/2002	Field Sample	6010	7440-50-8	T	Copper	0.02	U	0.02	mg/l
R2BU1W		False	11/15/2002	Field Sample	8151	75-99-0	T	Dalapon	120	U	120	ug/l
R2BU1W		False	11/15/2002	Field Sample	680	2051-34-3	T	Decachlorobiphenyl	0.5	U	0.5	ug/l
R2BU1W		False	11/15/2002	Field Sample	8081	319-86-8	T	delta-BHC	0.05	U	0.05	ug/l
R2BU1W		False	11/15/2002	Field Sample	8270	53-70-3	T	Dibenzo(a,h)anthracene	10	U	10	ug/l
R2BU1W		False	11/15/2002	Field Sample	8270	132-64-9	T	Dibenzofuran	10	U	10	ug/l
R2BU1W		False	11/15/2002	Field Sample	8151	1918-00-9	T	Dicamba	1.2	U	1.2	ug/l
R2BU1W		False	11/15/2002	Field Sample	680	C-DICHLOROB	T	Dichlorobiphenyl	0.1	U	0.1	ug/l
R2BU1W		False	11/15/2002	Field Sample	8260	75-09-2	T	Dichloromethane	5	U	5	ug/l
R2BU1W		False	11/15/2002	Field Sample	8151	120-36-5	T	Dichlorprop	6	U	6	ug/l
R2BU1W		False	11/15/2002	Field Sample	8081	60-57-1	T	Dieldrin	0.1	U	0.1	ug/l
R2BU1W		False	11/15/2002	Field Sample	8270	84-66-2	T	Diethyl Phthalate	10	U	10	ug/l
R2BU1W		False	11/15/2002	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	10	U	10	ug/l
R2BU1W		False	11/15/2002	Field Sample	8270	84-74-2	T	Di-n-butylphthalate	10	U	10	ug/l
R2BU1W		False	11/15/2002	Field Sample	8270	117-84-0	T	Di-n-octylphthalate	10	U	10	ug/l
R2BU1W		False	11/15/2002	Field Sample	8270	88-85-7	T	Dinoseb	10	U	10	ug/l
R2BU1W		False	11/15/2002	Field Sample	8081	959-98-8	T	Endosulfan I	0.05	U	0.05	ug/l
R2BU1W		False	11/15/2002	Field Sample	8081	33213-65-9	T	Endosulfan II	0.1	U	0.1	ug/l
R2BU1W		False	11/15/2002	Field Sample	8081	1031-07-8	T	Endosulfan Sulfate	0.1	U	0.1	ug/l
R2BU1W		False	11/15/2002	Field Sample	8081	72-20-8	T	Endrin	0.1	U	0.1	ug/l
R2BU1W		False	11/15/2002	Field Sample	8081	7421-93-4	T	Endrin Aldehyde	0.1	U	0.1	ug/l
R2BU1W		False	11/15/2002	Field Sample	8081	53494-70-5	T	Endrin Ketone	0.019	J	0.1	ug/l
R2BU1W		False	11/15/2002	Field Sample	8260	100-41-4	T	Ethylbenzene	1	U	1	ug/l

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	gamma-BHC (Lindane)	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	gamma-Chlordane	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Hardness, Carbonate	[illegible]		[illegible]	mg/l as Ca
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Indeno(1,2,3-cd)pyrene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Iron	[illegible]	J	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Iron	[illegible]		[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Lead	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Lead	[illegible]	U	[illegible]	[illegible]

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R2CM1W		False	11/14/2002	Field Sample	8270	99-09-2	T	3-Nitroaniline	50	UJ	50	ug/l
R2CM1W		False	11/14/2002	Field Sample	8081	72-54-8	T	4,4'-DDD	0.1	U	0.1	ug/l
R2CM1W		False	11/14/2002	Field Sample	8081	72-55-9	T	4,4'-DDE	0.1	U	0.1	ug/l
R2CM1W		False	11/14/2002	Field Sample	8081	50-29-3	T	4,4'-DDT	0.1	U	0.1	ug/l
R2CM1W		False	11/14/2002	Field Sample	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	50	U	50	ug/l
R2CM1W		False	11/14/2002	Field Sample	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	10	U	10	ug/l
R2CM1W		False	11/14/2002	Field Sample	8270	59-50-7	T	4-Chloro-3-methylphenol	10	U	10	ug/l
R2CM1W		False	11/14/2002	Field Sample	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	10	U	10	ug/l
R2CM1W		False	11/14/2002	Field Sample	8260	108-10-1	T	4-Methyl-2-pentanone (MIBK)	10	U	10	ug/l
R2CM1W		False	11/14/2002	Field Sample	8270	100-02-7	T	4-Nitrophenol	50	U	50	ug/l
R2CM1W		False	11/14/2002	Field Sample	8270	83-32-9	T	Acenaphthene	10	U	10	ug/l
R2CM1W		False	11/14/2002	Field Sample	8270	208-96-8	T	Acenaphthylene	10	U	10	ug/l
R2CM1W		False	11/14/2002	Field Sample	8260	67-64-1	T	Acetone	25	U	25	ug/l
R2CM1W		False	11/14/2002	Field Sample	8081	309-00-2	T	Aldrin	0.05	U	0.05	ug/l
R2CM1W		False	11/14/2002	Field Sample	8081	319-84-6	T	alpha-BHC	0.05	U	0.05	ug/l
R2CM1W		False	11/14/2002	Field Sample	8081	5103-71-9	T	alpha-Chlordane	0.05	U	0.05	ug/l
R2CM1W-Filtered	R2CM1W	True	11/14/2002	Field Sample	6010	7429-90-5	D	Aluminum	0.2	U	0.2	mg/l
R2CM1W		False	11/14/2002	Field Sample	6010	7429-90-5	T	Aluminum	0.8		0.02	mg/l
R2CM1W		False	11/14/2002	Field Sample	8270	120-12-7	T	Anthracene	10	U	10	ug/l
R2CM1W-Filtered	R2CM1W	True	11/14/2002	Field Sample	6010	7440-36-0	D	Antimony	0.02	UJ	0.02	mg/l
R2CM1W		False	11/14/2002	Field Sample	6010	7440-36-0	T	Antimony	0.02	UJ	0.02	mg/l
R2CM1W-Filtered	R2CM1W	True	11/14/2002	Field Sample	6010	7440-38-2	D	Arsenic	0.01	U	0.01	mg/l
R2CM1W		False	11/14/2002	Field Sample	6010	7440-38-2	T	Arsenic	0.01	U	0.01	mg/l
R2CM1W-Filtered	R2CM1W	True	11/14/2002	Field Sample	6010	7440-39-3	D	Barium	0.051		0.01	mg/l
R2CM1W		False	11/14/2002	Field Sample	6010	7440-39-3	T	Barium	0.06		0.01	mg/l
R2CM1W		False	11/14/2002	Field Sample	8260	71-43-2	T	Benzene	1	U	1	ug/l
R2CM1W		False	11/14/2002	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	10	U	10	ug/l
R2CM1W		False	11/14/2002	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	10	U	10	ug/l
R2CM1W		False	11/14/2002	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	10	U	10	ug/l
R2CM1W		False	11/14/2002	Field Sample	8270	191-24-2	T	Benzo(g,h,i)perylene	10	U	10	ug/l
R2CM1W		False	11/14/2002	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	10	U	10	ug/l
R2CM1W		False	11/14/2002	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	10	U	10	ug/l
R2CM1W-Filtered	R2CM1W	True	11/14/2002	Field Sample	6010	7440-41-7	D	Beryllium	0.004	U	0.004	mg/l
R2CM1W		False	11/14/2002	Field Sample	6010	7440-41-7	T	Beryllium	0.004	U	0.004	mg/l
R2CM1W		False	11/14/2002	Field Sample	8081	319-85-7	T	beta-BHC	0.05	U	0.05	ug/l
R2CM1W		False	11/14/2002	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	10	U	10	ug/l
R2CM1W		False	11/14/2002	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	10	U	10	ug/l
R2CM1W		False	11/14/2002	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	10	U	10	ug/l
R2CM1W		False	11/14/2002	Field Sample	8260	75-27-4	T	Bromodichloromethane	1	UJ	1	ug/l
R2CM1W		False	11/14/2002	Field Sample	8260	75-25-2	T	Bromoform	1	U	1	ug/l
R2CM1W		False	11/14/2002	Field Sample	8260	74-83-9	T	Bromomethane	1	U	1	ug/l
R2CM1W-Filtered	R2CM1W	True	11/14/2002	Field Sample	6010	7440-43-9	D	Cadmium	0.005	U	0.005	mg/l
R2CM1W		False	11/14/2002	Field Sample	6010	7440-43-9	T	Cadmium	0.005	U	0.005	mg/l
R2CM1W-Filtered	R2CM1W	True	11/14/2002	Field Sample	6010	7440-70-2	D	Calcium	51		0.5	mg/l
R2CM1W		False	11/14/2002	Field Sample	6010	7440-70-2	T	Calcium	52		0.5	mg/l
R2CM1W		False	11/14/2002	Field Sample	8270	86-74-8	T	Carbazole	10	U	10	ug/l
R2CM1W		False	11/14/2002	Field Sample	8260	75-15-0	T	Carbon Disulfide	0.69	J	1	ug/l
R2CM1W		False	11/14/2002	Field Sample	8260	56-23-5	T	Carbon Tetrachloride	1	UJ	1	ug/l
R2CM1W		False	11/14/2002	Field Sample	8260	108-90-7	T	Chlorobenzene	1	U	1	ug/l
R2CM1W		False	11/14/2002	Field Sample	8260	124-48-1	T	Chlorodibromomethane	1	U	1	ug/l
R2CM1W		False	11/14/2002	Field Sample	8260	75-00-3	T	Chloroethane	1	U	1	ug/l
R2CM1W		False	11/14/2002	Field Sample	8260	67-66-3	T	Chloroform	1	U	1	ug/l
R2CM1W		False	11/14/2002	Field Sample	8260	74-87-3	T	Chloromethane	1	UJ	1	ug/l
R2CM1W-Filtered	R2CM1W	True	11/14/2002	Field Sample	6010	7440-47-3	D	Chromium	0.01	U	0.01	mg/l
R2CM1W		False	11/14/2002	Field Sample	6010	7440-47-3	T	Chromium	0.01	U	0.01	mg/l
R2CM1W		False	11/14/2002	Field Sample	8270	218-01-9	T	Chrysene	10	U	10	ug/l
R2CM1W		False	11/14/2002	Field Sample	8260	10061-01-5	T	cis-1,3-Dichloropropene	1	U	1	ug/l
R2CM1W-Filtered	R2CM1W	True	11/14/2002	Field Sample	6010	7440-48-4	D	Cobalt	0.01	U	0.01	mg/l
R2CM1W		False	11/14/2002	Field Sample	6010	7440-48-4	T	Cobalt	0.01	U	0.01	mg/l
R2CM1W-Filtered	R2CM1W	True	11/14/2002	Field Sample	6010	7440-50-8	D	Copper	0.02	U	0.02	mg/l
R2CM1W		False	11/14/2002	Field Sample	6010	7440-50-8	T	Copper	0.02	U	0.02	mg/l
R2CM1W		False	11/14/2002	Field Sample	8151	75-99-0	T	Dalapon	1.80	U	1.80	ug/l
R2CM1W		False	11/14/2002	Field Sample	680	2051-24-3	T	Decachlorobiphenyl	0.5	UJ	0.5	ug/l
R2CM1W		False	11/14/2002	Field Sample	8081	319-86-8	T	delta-BHC	0.05	U	0.05	ug/l
R2CM1W		False	11/14/2002	Field Sample	8270	53-70-3	T	Dibenzo(a,h)anthracene	10	U	10	ug/l
R2CM1W		False	11/14/2002	Field Sample	8270	132-64-9	T	Dibenzofuran	10	U	10	ug/l
R2CM1W		False	11/14/2002	Field Sample	8151	1918-00-9	T	Dicamba	1.2	U	1.2	ug/l
R2CM1W		False	11/14/2002	Field Sample	680	C-DICHLOROBI	T	Dichlorobiphenyl	0.1	UJ	0.1	ug/l
R2CM1W		False	11/14/2002	Field Sample	8260	75-09-2	T	Dichloromethane	5	U	5	ug/l
R2CM1W		False	11/14/2002	Field Sample	8151	120-36-5	T	Dichlorprop	6	U	6	ug/l
R2CM1W		False	11/14/2002	Field Sample	8081	60-57-1	T	Dieldrin	0.1	U	0.1	ug/l
R2CM1W		False	11/14/2002	Field Sample	8270	84-66-2	T	Diethyl Phthalate	10	U	10	ug/l
R2CM1W		False	11/14/2002	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	10	U	10	ug/l
R2CM1W		False	11/14/2002	Field Sample	8270	84-74-2	T	Di-n-butylphthalate	10	U	10	ug/l
R2CM1W		False	11/14/2002	Field Sample	8270	117-84-0	T	Di-n-octylphthalate	10	U	10	ug/l
R2CM1W		False	11/14/2002	Field Sample	8270	88-85-7	T	Dinoseb	10	U	10	ug/l
R2CM1W		False	11/14/2002	Field Sample	8081	959-98-8	T	Endosulfan I	0.05	U	0.05	ug/l
R2CM1W		False	11/14/2002	Field Sample	8081	33213-65-9	T	Endosulfan II	0.1	U	0.1	ug/l
R2CM1W		False	11/14/2002	Field Sample	8081	1031-07-8	T	Endosulfan Sulfate	0.1	U	0.1	ug/l
R2CM1W		False	11/14/2002	Field Sample	8081	72-20-8	T	Endrin	0.1	U	0.1	ug/l
R2CM1W		False	11/14/2002	Field Sample	8081	7421-93-4	T	Endrin Aldehyde	0.1	U	0.1	ug/l
R2CM1W		False	11/14/2002	Field Sample	8081	53494-70-5	T	Endrin Ketone	0.1	U	0.1	ug/l
R2CM1W		False	11/14/2002	Field Sample	8260	100-41-4	T	Ethylbenzene	1	U	1	ug/l
R2CM1W		False	11/14/2002	Field Sample	8270	206-44-0	T	Fluoranthene	10	U	10	ug/l
R2CM1W		False	11/14/2002	Field Sample	8270	86-73-7	T	Fluorene	10	U	10	ug/l
R2CM1W		False	11/14/2002	Field Sample	8081	58-89-9	T	gamma-BHC (Lindane)	0.05	U	0.05	ug/l
R2CM1W		False	11/14/2002	Field Sample	8081	5103-74-2	T	gamma-Chlordane	0.05	U	0.05	ug/l
R2CM1W		False	11/14/2002	Field Sample	130.2	E-11778	T	Hardness, Carbonate	220		200	mg/l as Ca
R2CM1W		False	11/14/2002	Field Sample	8081	76-44-8	T	Heptachlor	0.05	U	0.05	ug/l
R2CM1W		False	11/14/2002	Field Sample	8081	1024-57-3	T	Heptachlor Epoxide	0.05	U	0.05	ug/l
R2CM1W		False	11/14/2002	Field Sample	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	0.3	UJ	0.3	ug/l
R2CM1W		False	11/14/2002	Field Sample	8270	118-74-1	T	Hexachlorobenzene	10	U	10	ug/l
R2CM1W		False	11/14/2002	Field Sample	680	C-HEXACHLORO	T	Hexachlorobiphenyl	0.2	UJ	0.2	ug/l
R2CM1W		False	11/14/2002	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	10	U	10	ug/l
R2CM1W		False	11/14/2002	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	10	U	10	ug/l
R2CM1W		False	11/14/2002	Field Sample	8270	67-72-1	T	Hexachloroethane	10	U	10	ug/l
R2CM1W		False	11/14/2002	Field Sample	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	10	U	10	ug/l
R2CM1W-Filtered	R2CM1W	True	11/14/2002	Field Sample	6010	7439-89-6	D	Iron	0.023	J	0.05	mg/l
R2CM1W		False	11/14/2002	Field Sample	6010	7439-89-6	T	Iron	1		0.05	mg/l
R2CM1W		False	11/14/2002	Field Sample	8270	78-59-1	T	Isophorone	10	U	10	ug/l
R2CM1W-Filtered	R2CM1W	True	11/14/2002	Field Sample	6010	7439-92-1	D	Lead	0.005	U	0.005	mg/l
R2CM1W		False	11/14/2002	Field Sample	6010	7439-92-1	T	Lead	0.005	U	0.005	mg/l

Appendix II-C

Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R3AD1W-Filtered	R3AD1W	True	11/12/2002	Field Sample	6010	7440-36-0	D	Antimony	0.02	UJ	0.02	mg/l
R3AD1W		False	11/12/2002	Field Sample	6010	7440-38-2	T	Arsenic	0.01	U	0.01	mg/l
R3AD1W-Filtered	R3AD1W	True	11/12/2002	Field Sample	6010	7440-38-2	D	Arsenic	0.01	UJ	0.01	mg/l
R3AD1W-Filtered	R3AD1W	True	11/12/2002	Field Sample	6010	7440-39-3	D	Barium	0.051		0.01	mg/l
R3AD1W		False	11/12/2002	Field Sample	6010	7440-39-3	T	Barium	0.053		0.01	mg/l
R3AD1W		False	11/12/2002	Field Sample	8260	71-43-2	T	Benzene	0.34	J	1	ug/l
R3AD1W		False	11/12/2002	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	10	U	10	ug/l
R3AD1W		False	11/12/2002	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	10	U	10	ug/l
R3AD1W		False	11/12/2002	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	10	U	10	ug/l
R3AD1W		False	11/12/2002	Field Sample	8270	191-24-2	T	Benzo(g,h,i)perylene	10	U	10	ug/l
R3AD1W		False	11/12/2002	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	10	U	10	ug/l
R3AD1W		False	11/12/2002	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	10	U	10	ug/l
R3AD1W-Filtered	R3AD1W	True	11/12/2002	Field Sample	6010	7440-41-7	D	Beryllium	0.004	U	0.004	mg/l
R3AD1W		False	11/12/2002	Field Sample	6010	7440-41-7	T	Beryllium	0.004	U	0.004	mg/l
R3AD1W		False	11/12/2002	Field Sample	8081	319-85-7	T	beta-BHC	0.0082	J	0.05	ug/l
R3AD1W		False	11/12/2002	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	10	U	10	ug/l
R3AD1W		False	11/12/2002	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	10	U	10	ug/l
R3AD1W		False	11/12/2002	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	10	U	10	ug/l
R3AD1W		False	11/12/2002	Field Sample	8260	75-27-4	T	Bromodichloromethane	1	UJ	1	ug/l
R3AD1W		False	11/12/2002	Field Sample	8260	75-25-2	T	Bromoform	1	U	1	ug/l
R3AD1W		False	11/12/2002	Field Sample	8260	74-83-9	T	Bromomethane	1	UJ	1	ug/l
R3AD1W-Filtered	R3AD1W	True	11/12/2002	Field Sample	6010	7440-43-9	D	Cadmium	0.005	U	0.005	mg/l
R3AD1W		False	11/12/2002	Field Sample	6010	7440-43-9	T	Cadmium	0.005	U	0.005	mg/l
R3AD1W-Filtered	R3AD1W	True	11/12/2002	Field Sample	6010	7440-70-2	D	Calcium	52		0.5	mg/l
R3AD1W		False	11/12/2002	Field Sample	6010	7440-70-2	T	Calcium	54		0.5	mg/l
R3AD1W		False	11/12/2002	Field Sample	8270	86-74-8	T	Carbazole	10	U	10	ug/l
R3AD1W		False	11/12/2002	Field Sample	8260	75-15-0	T	Carbon Disulfide	1	U	1	ug/l
R3AD1W		False	11/12/2002	Field Sample	8260	56-23-5	T	Carbon Tetrachloride	1	UJ	1	ug/l
R3AD1W		False	11/12/2002	Field Sample	8260	108-90-7	T	Chlorobenzene	3.3		1	ug/l
R3AD1W		False	11/12/2002	Field Sample	8260	124-48-1	T	Chlorodibromomethane	1	U	1	ug/l
R3AD1W		False	11/12/2002	Field Sample	8260	75-00-3	T	Chloroethane	1	U	1	ug/l
R3AD1W		False	11/12/2002	Field Sample	8260	67-66-3	T	Chloroform	1	U	1	ug/l
R3AD1W		False	11/12/2002	Field Sample	8260	74-87-3	T	Chloromethane	1	UJ	1	ug/l
R3AD1W-Filtered	R3AD1W	True	11/12/2002	Field Sample	6010	7440-47-3	D	Chromium	0.01	U	0.01	mg/l
R3AD1W		False	11/12/2002	Field Sample	6010	7440-47-3	T	Chromium	0.01	U	0.01	mg/l
R3AD1W		False	11/12/2002	Field Sample	8270	218-01-9	T	Chrysene	10	U	10	ug/l
R3AD1W		False	11/12/2002	Field Sample	8260	10061-01-5	T	cis-1,3-Dichloropropene	1	U	1	ug/l
R3AD1W-Filtered	R3AD1W	True	11/12/2002	Field Sample	6010	7440-48-4	D	Cobalt	0.01	U	0.01	mg/l
R3AD1W		False	11/12/2002	Field Sample	6010	7440-48-4	T	Cobalt	0.01	U	0.01	mg/l
R3AD1W-Filtered	R3AD1W	True	11/12/2002	Field Sample	6010	7440-50-8	D	Copper	0.02	U	0.02	mg/l
R3AD1W		False	11/12/2002	Field Sample	6010	7440-50-8	T	Copper	0.02	U	0.02	mg/l
R3AD1W		False	11/12/2002	Field Sample	8151	75-99-0	T	Dalapon	120	U	120	ug/l
R3AD1W		False	11/12/2002	Field Sample	680	2051-24-3	T	Decachlorobiphenyl	0.5	U	0.5	ug/l
R3AD1W		False	11/12/2002	Field Sample	8081	319-86-8	T	delta-BHC	0.05	U	0.05	ug/l
R3AD1W		False	11/12/2002	Field Sample	8270	53-70-3	T	Dibenzo(a,h)anthracene	10	U	10	ug/l
R3AD1W		False	11/12/2002	Field Sample	8270	132-64-9	T	Dibenzofuran	10	U	10	ug/l
R3AD1W		False	11/12/2002	Field Sample	8151	1918-00-9	T	Dicamba	1.2	U	1.2	ug/l
R3AD1W		False	11/12/2002	Field Sample	680	C-DICHLOROBI	T	Dichlorobiphenyl	0.1	U	0.1	ug/l
R3AD1W		False	11/12/2002	Field Sample	8260	75-09-2	T	Dichloromethane	5	U	5	ug/l
R3AD1W		False	11/12/2002	Field Sample	8151	120-36-5	T	Dichlorprop	0.81	J	6	ug/l
R3AD1W		False	11/12/2002	Field Sample	8081	60-57-1	T	Dieldrin	0.1	U	0.1	ug/l
R3AD1W		False	11/12/2002	Field Sample	8270	84-66-2	T	Diethyl Phthalate	10	U	10	ug/l
R3AD1W		False	11/12/2002	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	10	U	10	ug/l
R3AD1W		False	11/12/2002	Field Sample	8270	84-74-2	T	Di-n-butylphthalate	10	U	10	ug/l
R3AD1W		False	11/12/2002	Field Sample	8270	117-84-0	T	Di-n-octylphthalate	10	U	10	ug/l
R3AD1W		False	11/12/2002	Field Sample	8270	88-85-7	T	Dinoseb	10	UJ	10	ug/l
R3AD1W		False	11/12/2002	Field Sample	8081	959-98-8	T	Endosulfan I	0.05	U	0.05	ug/l
R3AD1W		False	11/12/2002	Field Sample	8081	33213-65-9	T	Endosulfan II	0.1	U	0.1	ug/l
R3AD1W		False	11/12/2002	Field Sample	8081	1031-07-8	T	Endosulfan Sulfate	0.1	U	0.1	ug/l
R3AD1W		False	11/12/2002	Field Sample	8081	72-20-8	T	Endrin	0.1	U	0.1	ug/l
R3AD1W		False	11/12/2002	Field Sample	8081	7421-93-4	T	Endrin Aldehyde	0.1	UJ	0.1	ug/l
R3AD1W		False	11/12/2002	Field Sample	8081	53494-70-5	T	Endrin Ketone	0.1	U	0.1	ug/l
R3AD1W		False	11/12/2002	Field Sample	8260	100-41-4	T	Ethylbenzene	1	U	1	ug/l
R3AD1W		False	11/12/2002	Field Sample	8270	206-44-0	T	Fluoranthene	10	U	10	ug/l
R3AD1W		False	11/12/2002	Field Sample	8270	86-73-7	T	Fluorene	10	U	10	ug/l
R3AD1W		False	11/12/2002	Field Sample	8081	58-89-9	T	gamma-BHC (Lindane)	0.05	U	0.05	ug/l
R3AD1W		False	11/12/2002	Field Sample	8081	5103-74-2	T	gamma-Chlordane	0.05	U	0.05	ug/l
R3AD1W		False	11/12/2002	Field Sample	130.2	IS-11778	T	Hardness, Carbonate	370		200	mg/l as Ca
R3AD1W		False	11/12/2002	Field Sample	8081	76-44-8	T	Heptachlor	0.05	U	0.05	ug/l
R3AD1W		False	11/12/2002	Field Sample	8081	1024-57-3	T	Heptachlor Epoxide	0.05	U	0.05	ug/l
R3AD1W		False	11/12/2002	Field Sample	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	0.3	U	0.3	ug/l
R3AD1W		False	11/12/2002	Field Sample	8270	118-74-1	T	Hexachlorobenzene	10	U	10	ug/l
R3AD1W		False	11/12/2002	Field Sample	680	C-HEXACHLORO	T	Hexachlorobiphenyl	0.2	U	0.2	ug/l
R3AD1W		False	11/12/2002	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	10	U	10	ug/l
R3AD1W		False	11/12/2002	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	10	U	10	ug/l
R3AD1W		False	11/12/2002	Field Sample	8270	67-72-1	T	Hexachloroethane	10	U	10	ug/l
R3AD1W		False	11/12/2002	Field Sample	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	10	U	10	ug/l
R3AD1W-Filtered	R3AD1W	True	11/12/2002	Field Sample	6010	7439-89-6	D	Iron	0.03	J	0.05	mg/l
R3AD1W		False	11/12/2002	Field Sample	6010	7439-89-6	T	Iron	1.2		0.05	mg/l
R3AD1W		False	11/12/2002	Field Sample	8270	78-59-1	T	Isophorone	10	U	10	ug/l
R3AD1W-Filtered	R3AD1W	True	11/12/2002	Field Sample	6010	7439-92-1	D	Lead	0.005	U	0.005	mg/l
R3AD1W		False	11/12/2002	Field Sample	6010	7439-92-1	T	Lead	0.005	U	0.005	mg/l
R3AD1W-Filtered	R3AD1W	True	11/12/2002	Field Sample	6010	7439-95-4	D	Magnesium	21		0.5	mg/l
R3AD1W		False	11/12/2002	Field Sample	6010	7439-95-4	T	Magnesium	22		0.5	mg/l
R3AD1W-Filtered	R3AD1W	True	11/12/2002	Field Sample	6010	7439-96-5	D	Manganese	0.01	U	0.01	mg/l
R3AD1W		False	11/12/2002	Field Sample	6010	7439-96-5	T	Manganese	0.093		0.01	mg/l
R3AD1W		False	11/12/2002	Field Sample	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	120	U	120	ug/l
R3AD1W		False	11/12/2002	Field Sample	8151	93-65-2	T	MCPP	120	U	120	ug/l
R3AD1W-Filtered	R3AD1W	True	11/12/2002	Field Sample	7470	7439-97-6	D	Mercury	0.0002	U	0.0002	mg/l
R3AD1W		False	11/12/2002	Field Sample	7470	7439-97-6	T	Mercury	0.0002	U	0.0002	mg/l
R3AD1W		False	11/12/2002	Field Sample	8081	72-43-5	T	Methoxychlor	0.5	U	0.5	ug/l
R3AD1W		False	11/12/2002	Field Sample	8260	591-78-6	T	Methyl N-Butyl Ketone	10	U	10	ug/l
R3AD1W		False	11/12/2002	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	0.1	U	0.1	ug/l
R3AD1W		False	11/12/2002	Field Sample	8270	91-20-3	T	Naphthalene	10	U	10	ug/l
R3AD1W-Filtered	R3AD1W	True	11/12/2002	Field Sample	6010	7440-02-0	D	Nickel	0.04	U	0.04	mg/l
R3AD1W		False	11/12/2002	Field Sample	6010	7440-02-0	T	Nickel	0.04	U	0.04	mg/l
R3AD1W		False	11/12/2002	Field Sample	8270	98-95-3	T	Nitrobenzene	10	U	10	ug/l
R3AD1W		False	11/12/2002	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	10	U	10	ug/l
R3AD1W		False	11/12/2002	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	10	U	10	ug/l
R3AD1W		False	11/12/2002	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	0.5	U	0.5	ug/l

Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R3AM1W		False	11/12/2002	Field Sample	8260	75-25-2	T	Bromoform	1	U	1	ug/l
R3AM1W		False	11/12/2002	Field Sample	8260	74-83-9	T	Bromomethane	1	U	1	ug/l
R3AM1W-Filtered	R3AM1W	True	11/12/2002	Field Sample	6010	7440-43-9	D	Cadmium	0.005	U	0.005	mg/l
R3AM1W		False	11/12/2002	Field Sample	6010	7440-43-9	T	Cadmium	0.005	U	0.005	mg/l
R3AM1W-Filtered	R3AM1W	True	11/12/2002	Field Sample	6010	7440-70-2	D	Calcium	53		0.5	mg/l
R3AM1W		False	11/12/2002	Field Sample	6010	7440-70-2	T	Calcium	52		0.5	mg/l
R3AM1W		False	11/12/2002	Field Sample	8270	86-74-8	T	Carbazole	10	U	10	ug/l
R3AM1W		False	11/12/2002	Field Sample	8260	75-15-0	T	Carbon Disulfide	1	U	1	ug/l
R3AM1W		False	11/12/2002	Field Sample	8260	56-23-5	T	Carbon Tetrachloride	1	UJ	1	ug/l
R3AM1W		False	11/12/2002	Field Sample	8260	108-90-7	T	Chlorobenzene	0.1		1	ug/l
R3AM1W		False	11/12/2002	Field Sample	8260	124-48-1	T	Chlorodibromomethane	1	U	1	ug/l
R3AM1W		False	11/12/2002	Field Sample	8260	75-00-3	T	Chloroethane	1	U	1	ug/l
R3AM1W		False	11/12/2002	Field Sample	8260	67-66-3	T	Chloroform	1	U	1	ug/l
R3AM1W		False	11/12/2002	Field Sample	8260	74-87-3	T	Chloromethane	1	UJ	1	ug/l
R3AM1W-Filtered	R3AM1W	True	11/12/2002	Field Sample	6010	7440-47-3	D	Chromium	0.01	U	0.01	mg/l
R3AM1W		False	11/12/2002	Field Sample	6010	7440-47-3	T	Chromium	0.01	U	0.01	mg/l
R3AM1W		False	11/12/2002	Field Sample	8270	218-01-9	T	Chrysene	10	U	10	ug/l
R3AM1W		False	11/12/2002	Field Sample	8260	10061-01-5	T	cis-1,3-Dichloropropene	1	U	1	ug/l
R3AM1W-Filtered	R3AM1W	True	11/12/2002	Field Sample	6010	7440-48-4	D	Cobalt	0.01	U	0.01	mg/l
R3AM1W		False	11/12/2002	Field Sample	6010	7440-48-4	T	Cobalt	0.01	U	0.01	mg/l
R3AM1W-Filtered	R3AM1W	True	11/12/2002	Field Sample	6010	7440-50-8	D	Copper	0.02	U	0.02	mg/l
R3AM1W		False	11/12/2002	Field Sample	6010	7440-50-8	T	Copper	0.02	U	0.02	mg/l
R3AM1W		False	11/12/2002	Field Sample	8151	75-99-0	T	Dalapon	120	U	120	ug/l
R3AM1W		False	11/12/2002	Field Sample	680	2051-24-3	T	Decachlorobiphenyl	0.5	U	0.5	ug/l
R3AM1W		False	11/12/2002	Field Sample	8081	319-86-8	T	delta-BHC	0.05	U	0.05	ug/l
R3AM1W		False	11/12/2002	Field Sample	8270	53-70-3	T	Dibenz(a,h)anthracene	10	U	10	ug/l
R3AM1W		False	11/12/2002	Field Sample	8270	132-64-9	T	Dibenzofuran	10	U	10	ug/l
R3AM1W		False	11/12/2002	Field Sample	8151	1918-00-9	T	Dicamba	1.2	U	1.2	ug/l
R3AM1W		False	11/12/2002	Field Sample	680	C-DICHLOROBI	T	Dichlorobiphenyl	0.1	U	0.1	ug/l
R3AM1W		False	11/12/2002	Field Sample	8260	75-09-2	T	Dichloromethane	5	U	5	ug/l
R3AM1W		False	11/12/2002	Field Sample	8151	120-36-5	T	Dichloprop	1	J	6	ug/l
R3AM1W		False	11/12/2002	Field Sample	8081	60-57-1	T	Dieldrin	0.1	U	0.1	ug/l
R3AM1W		False	11/12/2002	Field Sample	8270	84-66-2	T	Diethyl Phthalate	10	U	10	ug/l
R3AM1W		False	11/12/2002	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	10	U	10	ug/l
R3AM1W		False	11/12/2002	Field Sample	8270	84-74-2	T	Di-n-butylphthalate	10	U	10	ug/l
R3AM1W		False	11/12/2002	Field Sample	8270	117-84-0	T	Di-n-octylphthalate	10	U	10	ug/l
R3AM1W		False	11/12/2002	Field Sample	8270	88-85-7	T	Dinoseb	10	UJ	10	ug/l
R3AM1W		False	11/12/2002	Field Sample	8081	959-98-8	T	Endosulfan I	0.05	U	0.05	ug/l
R3AM1W		False	11/12/2002	Field Sample	8081	33213-65-9	T	Endosulfan II	0.1	U	0.1	ug/l
R3AM1W		False	11/12/2002	Field Sample	8081	1031-07-8	T	Endosulfan Sulfate	0.1	U	0.1	ug/l
R3AM1W		False	11/12/2002	Field Sample	8081	72-20-8	T	Endrin	0.1	U	0.1	ug/l
R3AM1W		False	11/12/2002	Field Sample	8081	7421-93-4	T	Endrin Aldehyde	0.1	UJ	0.1	ug/l
R3AM1W		False	11/12/2002	Field Sample	8081	53494-70-5	T	Endrin Ketone	0.1	U	0.1	ug/l
R3AM1W		False	11/12/2002	Field Sample	8260	100-41-4	T	Ethylbenzene	1	U	1	ug/l
R3AM1W		False	11/12/2002	Field Sample	8270	206-44-0	T	Fluoranthene	10	U	10	ug/l
R3AM1W		False	11/12/2002	Field Sample	8270	86-73-7	T	Fluorene	10	U	10	ug/l
R3AM1W		False	11/12/2002	Field Sample	8081	58-89-9	T	gamma-BHC (Lindane)	0.05	U	0.05	ug/l
R3AM1W		False	11/12/2002	Field Sample	8081	5103-74-2	T	gamma-Chlordane	0.05	U	0.05	ug/l
R3AM1W		False	11/12/2002	Field Sample	130.2	E-11778	T	Hardness, Carbonate	320		200	mg/l as Ca
R3AM1W		False	11/12/2002	Field Sample	8081	76-44-8	T	Heptachlor	0.05	U	0.05	ug/l
R3AM1W		False	11/12/2002	Field Sample	8081	1024-57-3	T	Heptachlor Epoxide	0.05	U	0.05	ug/l
R3AM1W		False	11/12/2002	Field Sample	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	0.3	U	0.3	ug/l
R3AM1W		False	11/12/2002	Field Sample	8270	118-74-1	T	Hexachlorobenzene	10	U	10	ug/l
R3AM1W		False	11/12/2002	Field Sample	680	C-HEXACHLORO	T	Hexachlorobiphenyl	0.2	U	0.2	ug/l
R3AM1W		False	11/12/2002	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	10	U	10	ug/l
R3AM1W		False	11/12/2002	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	10	U	10	ug/l
R3AM1W		False	11/12/2002	Field Sample	8270	67-72-1	T	Hexachloroethane	10	U	10	ug/l
R3AM1W		False	11/12/2002	Field Sample	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	10	U	10	ug/l
R3AM1W-Filtered	R3AM1W	True	11/12/2002	Field Sample	6010	7439-89-6	D	Iron	0.034	J	0.05	mg/l
R3AM1W		False	11/12/2002	Field Sample	6010	7439-89-6	T	Iron	1.3		0.05	mg/l
R3AM1W		False	11/12/2002	Field Sample	8270	78-59-1	T	Isophorone	10	U	10	ug/l
R3AM1W-Filtered	R3AM1W	True	11/12/2002	Field Sample	6010	7439-92-1	D	Lead	0.005	U	0.005	mg/l
R3AM1W		False	11/12/2002	Field Sample	6010	7439-92-1	T	Lead	0.005	U	0.005	mg/l
R3AM1W-Filtered	R3AM1W	True	11/12/2002	Field Sample	6010	7439-95-4	D	Magnesium	21		0.5	mg/l
R3AM1W		False	11/12/2002	Field Sample	6010	7439-95-4	T	Magnesium	21		0.5	mg/l
R3AM1W-Filtered	R3AM1W	True	11/12/2002	Field Sample	6010	7439-96-5	D	Manganese	0.01	U	0.01	mg/l
R3AM1W		False	11/12/2002	Field Sample	6010	7439-96-5	T	Manganese	0.086		0.01	mg/l
R3AM1W		False	11/12/2002	Field Sample	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	120	U	120	ug/l
R3AM1W		False	11/12/2002	Field Sample	8151	93-65-2	T	MCPP	120	U	120	ug/l
R3AM1W-Filtered	R3AM1W	True	11/12/2002	Field Sample	7470	7439-97-6	D	Mercury	0.0002	U	0.0002	mg/l
R3AM1W		False	11/12/2002	Field Sample	7470	7439-97-6	T	Mercury	0.0002	U	0.0002	mg/l
R3AM1W		False	11/12/2002	Field Sample	8081	72-43-5	T	Methoxychlor	0.5	U	0.5	ug/l
R3AM1W		False	11/12/2002	Field Sample	8260	591-78-6	T	Methyl N-Butyl Ketone	10	U	10	ug/l
R3AM1W		False	11/12/2002	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	0.1	U	0.1	ug/l
R3AM1W		False	11/12/2002	Field Sample	8270	91-20-3	T	Naphthalene	10	U	10	ug/l
R3AM1W-Filtered	R3AM1W	True	11/12/2002	Field Sample	6010	7440-02-0	D	Nickel	0.04	U	0.04	mg/l
R3AM1W		False	11/12/2002	Field Sample	6010	7440-02-0	T	Nickel	0.04	U	0.04	mg/l
R3AM1W		False	11/12/2002	Field Sample	8270	98-95-3	T	Nitrobenzene	10	U	10	ug/l
R3AM1W		False	11/12/2002	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	10	U	10	ug/l
R3AM1W		False	11/12/2002	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	10	U	10	ug/l
R3AM1W		False	11/12/2002	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	0.5	U	0.5	ug/l
R3AM1W		False	11/12/2002	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	0.3	U	0.3	ug/l
R3AM1W		False	11/12/2002	Field Sample	8270	106-47-8	T	P-Chloroaniline	14	J	20	ug/l
R3AM1W		False	11/12/2002	Field Sample	680	C-PENTABIPHEN	T	Pentachlorobiphenyl	0.2	U	0.2	ug/l
R3AM1W		False	11/12/2002	Field Sample	8151	87-86-5	T	Pentachlorophenol	1	U	1	ug/l
R3AM1W		False	11/12/2002	Field Sample	8270	85-01-8	T	Phenanthrene	10	U	10	ug/l
R3AM1W		False	11/12/2002	Field Sample	8270	108-95-2	T	Phenol	12		10	ug/l
R3AM1W		False	11/12/2002	Field Sample	8270	100-01-6	T	P-Nitroaniline	50	U	50	ug/l
R3AM1W-Filtered	R3AM1W	True	11/12/2002	Field Sample	6010	7440-09-7	D	Potassium	3.6		0.01	mg/l
R3AM1W		False	11/12/2002	Field Sample	6010	7440-09-7	T	Potassium	3.6		0.01	mg/l
R3AM1W		False	11/12/2002	Field Sample	8270	129-00-0	T	Pyrene	10	U	10	ug/l
R3AM1W-Filtered	R3AM1W	True	11/12/2002	Field Sample	6010	7782-49-2	D	Selenium	0.01	U	0.01	mg/l
R3AM1W		False	11/12/2002	Field Sample	6010	7782-49-2	T	Selenium	0.01	UJ	0.01	mg/l
R3AM1W-Filtered	R3AM1W	True	11/12/2002	Field Sample	6010	7440-22-4	D	Silver	0.01	U	0.01	mg/l
R3AM1W		False	11/12/2002	Field Sample	6010	7440-22-4	T	Silver	0.01	U	0.01	mg/l
R3AM1W-Filtered	R3AM1W	True	11/12/2002	Field Sample	6010	7440-23-5	D	Sodium	23	J	80	mg/l
R3AM1W		False	11/12/2002	Field Sample	6010	7440-23-5	T	Sodium	22		80	mg/l
R3AM1W		False	11/12/2002	Field Sample	8260	100-42-5	T	Styrene (Monomer)	1	U	1	ug/l
R3AM1W		False	11/12/2002	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	0.2	U	0.2	ug/l
R3AM1W		False	11/12/2002	Field Sample	8260	127-18-4	T	Tetrachloroethene	1	U	1	ug/l

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R3AU1W		False	11/13/2002	Field Sample	6010	7440-48-4	T	Cobalt	0.01	U	0.01	mg/l
R3AU1W-Filtered	R3AU1W	True	11/13/2002	Field Sample	6010	7440-50-8	D	Copper	0.02	U	0.02	mg/l
R3AU1W		False	11/13/2002	Field Sample	6010	7440-50-8	T	Copper	0.02	U	0.02	mg/l
R3AU1W		False	11/13/2002	Field Sample	8151	75-99-0	T	Dalapon	120	U	120	ug/l
R3AU1W		False	11/13/2002	Field Sample	680	2051-24-3	T	Decachlorobiphenyl	0.5	UJ	0.5	ug/l
R3AU1W		False	11/13/2002	Field Sample	8081	319-86-8	T	delta-BHC	0.05	U	0.05	ug/l
R3AU1W		False	11/13/2002	Field Sample	8270	53-70-3	T	Dibenzo(a,h)anthracene	10	U	10	ug/l
R3AU1W		False	11/13/2002	Field Sample	8270	132-64-9	T	Dibenzofuran	10	U	10	ug/l
R3AU1W		False	11/13/2002	Field Sample	8151	1918-00-9	T	Dicamba	1.2	U	1.2	ug/l
R3AU1W		False	11/13/2002	Field Sample	680	C-DICHLOROBI	T	Dichlorobiphenyl	0.1	UJ	0.1	ug/l
R3AU1W		False	11/13/2002	Field Sample	8260	75-09-2	T	Dichloromethane	5	U	5	ug/l
R3AU1W		False	11/13/2002	Field Sample	8151	120-36-5	T	Dichlorprop	2.2	J	6	ug/l
R3AU1W		False	11/13/2002	Field Sample	8081	60-57-1	T	Dieldrin	0.1	U	0.1	ug/l
R3AU1W		False	11/13/2002	Field Sample	8270	84-66-2	T	Diethyl Phthalate	10	U	10	ug/l
R3AU1W		False	11/13/2002	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	10	U	10	ug/l
R3AU1W		False	11/13/2002	Field Sample	8270	84-74-2	T	Di-n-butylphthalate	10	U	10	ug/l
R3AU1W		False	11/13/2002	Field Sample	8270	117-84-0	T	Di-n-octylphthalate	10	U	10	ug/l
R3AU1W		False	11/13/2002	Field Sample	8270	88-85-7	T	Dinoseb	10	U	10	ug/l
R3AU1W		False	11/13/2002	Field Sample	8081	959-98-8	T	Endosulfan I	0.05	U	0.05	ug/l
R3AU1W		False	11/13/2002	Field Sample	8081	33213-65-9	T	Endosulfan II	0.1	U	0.1	ug/l
R3AU1W		False	11/13/2002	Field Sample	8081	1031-07-8	T	Endosulfan Sulfate	0.1	U	0.1	ug/l
R3AU1W		False	11/13/2002	Field Sample	8081	72-20-8	T	Endrin	0.1	U	0.1	ug/l
R3AU1W		False	11/13/2002	Field Sample	8081	7421-93-4	T	Endrin Aldehyde	0.1	U	0.1	ug/l
R3AU1W		False	11/13/2002	Field Sample	8081	53494-70-5	T	Endrin Ketone	0.1	U	0.1	ug/l
R3AU1W		False	11/13/2002	Field Sample	8260	100-41-4	T	Ethylbenzene	1.3		0.83	ug/l
R3AU1W		False	11/13/2002	Field Sample	8270	206-44-0	T	Fluoranthene	10	U	10	ug/l
R3AU1W		False	11/13/2002	Field Sample	8270	86-73-7	T	Fluorene	10	U	10	ug/l
R3AU1W		False	11/13/2002	Field Sample	8081	58-89-9	T	gamma-BHC (Lindane)	0.05	U	0.05	ug/l
R3AU1W		False	11/13/2002	Field Sample	8081	5103-74-2	T	gamma-Chlordane	0.05	U	0.05	ug/l
R3AU1W		False	11/13/2002	Field Sample	130.2	E-11178	T	Hardness, Carbonate	220		200	mg/l as Ca
R3AU1W		False	11/13/2002	Field Sample	8081	76-44-8	T	Heptachlor	0.05	U	0.05	ug/l
R3AU1W		False	11/13/2002	Field Sample	8081	1024-57-3	T	Heptachlor Epoxide	0.05	U	0.05	ug/l
R3AU1W		False	11/13/2002	Field Sample	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	0.3	UJ	0.3	ug/l
R3AU1W		False	11/13/2002	Field Sample	8270	118-74-1	T	Hexachlorobenzene	10	U	10	ug/l
R3AU1W		False	11/13/2002	Field Sample	680	C-HEXACHLORO	T	Hexachlorobiphenyl	0.2	UJ	0.2	ug/l
R3AU1W		False	11/13/2002	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	10	U	10	ug/l
R3AU1W		False	11/13/2002	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	10	U	10	ug/l
R3AU1W		False	11/13/2002	Field Sample	8270	67-72-1	T	Hexachloroethane	10	U	10	ug/l
R3AU1W		False	11/13/2002	Field Sample	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	10	U	10	ug/l
R3AU1W-Filtered	R3AU1W	True	11/13/2002	Field Sample	6010	7439-89-6	D	Iron	0.051	J	0.05	mg/l
R3AU1W		False	11/13/2002	Field Sample	6010	7439-89-6	T	Iron	1.3		0.05	mg/l
R3AU1W		False	11/13/2002	Field Sample	8270	78-59-1	T	Isophorone	10	U	10	ug/l
R3AU1W-Filtered	R3AU1W	True	11/13/2002	Field Sample	6010	7439-92-1	D	Lead	0.005	U	0.005	mg/l
R3AU1W		False	11/13/2002	Field Sample	6010	7439-92-1	T	Lead	0.005	U	0.005	mg/l
R3AU1W-Filtered	R3AU1W	True	11/13/2002	Field Sample	6010	7439-95-4	D	Magnesium	21		0.5	mg/l
R3AU1W		False	11/13/2002	Field Sample	6010	7439-95-4	T	Magnesium	21		0.5	mg/l
R3AU1W-Filtered	R3AU1W	True	11/13/2002	Field Sample	6010	7439-96-5	D	Manganese	0.01	U	0.01	mg/l
R3AU1W		False	11/13/2002	Field Sample	6010	7439-96-5	T	Manganese	0.14		0.01	mg/l
R3AU1W		False	11/13/2002	Field Sample	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	120	U	120	ug/l
R3AU1W		False	11/13/2002	Field Sample	8151	93-65-2	T	MCPP	120	U	120	ug/l
R3AU1W-Filtered	R3AU1W	True	11/13/2002	Field Sample	7470	7439-97-6	D	Mercury	0.0002	U	0.0002	mg/l
R3AU1W		False	11/13/2002	Field Sample	7470	7439-97-6	T	Mercury	0.0002	U	0.0002	mg/l
R3AU1W		False	11/13/2002	Field Sample	8081	72-43-5	T	Methoxychlor	0.5	U	0.5	ug/l
R3AU1W		False	11/13/2002	Field Sample	8260	591-78-6	T	Methyl N-Butyl Ketone	10	U	10	ug/l
R3AU1W		False	11/13/2002	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	0.1	UJ	0.1	ug/l
R3AU1W		False	11/13/2002	Field Sample	8270	91-20-3	T	Naphthalene	21		10	ug/l
R3AU1W-Filtered	R3AU1W	True	11/13/2002	Field Sample	6010	7440-02-0	D	Nickel	0.04	U	0.04	mg/l
R3AU1W		False	11/13/2002	Field Sample	6010	7440-02-0	T	Nickel	0.04	U	0.04	mg/l
R3AU1W		False	11/13/2002	Field Sample	8270	98-95-3	T	Nitrobenzene	2.5	J	10	ug/l
R3AU1W		False	11/13/2002	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	10	U	10	ug/l
R3AU1W		False	11/13/2002	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	10	U	10	ug/l
R3AU1W		False	11/13/2002	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	0.5	UJ	0.5	ug/l
R3AU1W		False	11/13/2002	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	0.3	UJ	0.3	ug/l
R3AU1W		False	11/13/2002	Field Sample	8270	106-47-8	T	P-Chloroaniline	160		20	ug/l
R3AU1W		False	11/13/2002	Field Sample	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	0.2	UJ	0.2	ug/l
R3AU1W		False	11/13/2002	Field Sample	8151	87-86-5	T	Pentachlorophenol	1.9	J	1	ug/l
R3AU1W		False	11/13/2002	Field Sample	8270	85-01-8	T	Phenanthrene	10	U	10	ug/l
R3AU1W		False	11/13/2002	Field Sample	8270	108-95-2	T	Phenol	10	U	10	ug/l
R3AU1W		False	11/13/2002	Field Sample	8270	100-01-6	T	P-Nitroaniline	50	U	50	ug/l
R3AU1W-Filtered	R3AU1W	True	11/13/2002	Field Sample	6010	7440-09-7	D	Potassium	3.4		0.01	mg/l
R3AU1W		False	11/13/2002	Field Sample	6010	7440-09-7	T	Potassium	3.5		0.01	mg/l
R3AU1W		False	11/13/2002	Field Sample	8270	129-00-0	T	Pyrene	10	U	10	ug/l
R3AU1W-Filtered	R3AU1W	True	11/13/2002	Field Sample	6010	7782-49-2	D	Selenium	0.01	U	0.01	mg/l
R3AU1W		False	11/13/2002	Field Sample	6010	7782-49-2	T	Selenium	0.01	U	0.01	mg/l
R3AU1W-Filtered	R3AU1W	True	11/13/2002	Field Sample	6010	7440-22-4	D	Silver	0.01	U	0.01	mg/l
R3AU1W		False	11/13/2002	Field Sample	6010	7440-22-4	T	Silver	0.01	U	0.01	mg/l
R3AU1W-Filtered	R3AU1W	True	11/13/2002	Field Sample	6010	7440-23-5	D	Sodium	24	J	80	mg/l
R3AU1W		False	11/13/2002	Field Sample	6010	7440-23-5	T	Sodium	24	J	80	mg/l
R3AU1W		False	11/13/2002	Field Sample	8260	100-42-5	T	Styrene (Monomer)	1	U	1	ug/l
R3AU1W		False	11/13/2002	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	0.2	UJ	0.2	ug/l
R3AU1W		False	11/13/2002	Field Sample	8260	127-18-4	T	Tetrachloroethene	1	U	1	ug/l
R3AU1W-Filtered	R3AU1W	True	11/13/2002	Field Sample	6010	7440-28-0	D	Thallium	0.01	U	0.01	mg/l
R3AU1W		False	11/13/2002	Field Sample	6010	7440-28-0	T	Thallium	0.01	U	0.01	mg/l
R3AU1W		False	11/13/2002	Field Sample	8260	108-88-3	T	Toluene	4.5		1	ug/l
R3AU1W		False	11/13/2002	Field Sample	8081	8001-35-2	T	Toxaphene	5	U	5	ug/l
R3AU1W		False	11/13/2002	Field Sample	8260	10061-02-6	T	trans-1,3-Dichloropropene	1	U	1	ug/l
R3AU1W		False	11/13/2002	Field Sample	680	C-TRICHLOROB	T	Trichlorobiphenyl	0.1	UJ	0.1	ug/l
R3AU1W		False	11/13/2002	Field Sample	8260	79-01-6	T	Trichloroethylene	1	U	1	ug/l
R3AU1W-Filtered	R3AU1W	True	11/13/2002	Field Sample	6010	7440-62-2	D	Vanadium	0.01	U	0.01	mg/l
R3AU1W		False	11/13/2002	Field Sample	6010	7440-62-2	T	Vanadium	0.01	U	0.01	mg/l
R3AU1W		False	11/13/2002	Field Sample	8260	75-01-4	T	Vinyl chloride	1	U	1	ug/l
R3AU1W		False	11/13/2002	Field Sample	8260	1330-20-7	T	Xylenes, Total	3	J	2	ug/l
R3AU1W-Filtered	R3AU1W	True	11/13/2002	Field Sample	6010	7440-66-6	D	Zinc	0.02	U	0.02	mg/l
R3AU1W		False	11/13/2002	Field Sample	6010	7440-66-6	T	Zinc	0.02	U	0.02	mg/l
R3BD1W		False	11/12/2002	Field Sample	8260	71-55-6	T	1,1,1-Trichloroethane	1	UJ	1	ug/l
R3BD1W		False	11/12/2002	Field Sample	8260	79-34-5	T	1,1,2,2-Tetrachloroethane	1	U	1	ug/l
R3BD1W		False	11/12/2002	Field Sample	8260	79-00-5	T	1,1,2-Trichloroethane	1	U	1	ug/l
R3BD1W		False	11/12/2002	Field Sample	8260	75-34-3	T	1,1-Dichloroethane	1	U	1	ug/l
R3BD1W		False	11/12/2002	Field Sample	8260	75-35-4	T	1,1-Dichloroethylene	1	U	1	ug/l
R3BD1W		False	11/12/2002	Field Sample	8270	120-82-1	T	1,2,4-Trichlorobenzene	10	U	10	ug/l
R3BD1W		False	11/12/2002	Field Sample	8270	95-50-1	T	1,2-Dichlorobenzene	10	U	10	ug/l

Appendix II-C

Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R38D1W		False	11/12/2002	Field Sample	8081	7421-93-4	T	Endrin Aldehyde	0.1	UJ	0.1	ug/l
R38D1W		False	11/12/2002	Field Sample	8081	53494-70-5	T	Endrin Ketone	0.1	U	0.1	ug/l
R38D1W		False	11/12/2002	Field Sample	8260	100-41-4	T	Ethylbenzene	1	U	1	ug/l
R38D1W		False	11/12/2002	Field Sample	8270	206-44-0	T	Fluoranthene	10	U	10	ug/l
R38D1W		False	11/12/2002	Field Sample	8270	86-73-7	T	Fluorene	10	U	10	ug/l
R38D1W		False	11/12/2002	Field Sample	8081	58-89-9	T	gamma-BHC (Lindane)	0.05	U	0.05	ug/l
R38D1W		False	11/12/2002	Field Sample	8081	5103-74-2	T	gamma-Chlordane	0.05	U	0.05	ug/l
R38D1W		False	11/12/2002	Field Sample	130.2	E-11778	T	Hardness, Carbonate	290		200	mg/l as Ca
R38D1W		False	11/12/2002	Field Sample	8081	76-44-8	T	Heptachlor	0.05	U	0.05	ug/l
R38D1W		False	11/12/2002	Field Sample	8081	1024-57-3	T	Heptachlor Epoxide	0.05	U	0.05	ug/l
R38D1W		False	11/12/2002	Field Sample	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	0.3	U	0.3	ug/l
R38D1W		False	11/12/2002	Field Sample	8270	118-74-1	T	Hexachlorobenzene	10	U	10	ug/l
R38D1W		False	11/12/2002	Field Sample	680	C-HEXACHLORO	T	Hexachlorobiphenyl	0.2	U	0.2	ug/l
R38D1W		False	11/12/2002	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	10	U	10	ug/l
R38D1W		False	11/12/2002	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	10	U	10	ug/l
R38D1W		False	11/12/2002	Field Sample	8270	67-72-1	T	Hexachloroethane	10	U	10	ug/l
R38D1W		False	11/12/2002	Field Sample	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	10	U	10	ug/l
R38D1W-Filtered	R38D1W	True	11/12/2002	Field Sample	6010	7439-89-6	D	Iron	0.041	J	0.05	mg/l
R38D1W		False	11/12/2002	Field Sample	6010	7439-89-6	T	Iron	1.3		0.05	mg/l
R38D1W		False	11/12/2002	Field Sample	8270	78-59-1	T	Isophorone	10	U	10	ug/l
R38D1W-Filtered	R38D1W	True	11/12/2002	Field Sample	6010	7439-92-1	D	Lead	0.005	U	0.005	mg/l
R38D1W		False	11/12/2002	Field Sample	6010	7439-92-1	T	Lead	0.005	U	0.005	mg/l
R38D1W-Filtered	R38D1W	True	11/12/2002	Field Sample	6010	7439-95-4	D	Magnesium	21		0.5	mg/l
R38D1W		False	11/12/2002	Field Sample	6010	7439-95-4	T	Magnesium	22		0.5	mg/l
R38D1W-Filtered	R38D1W	True	11/12/2002	Field Sample	6010	7439-96-5	D	Manganese	0.01	U	0.01	mg/l
R38D1W		False	11/12/2002	Field Sample	6010	7439-96-5	T	Manganese	0.066		0.01	mg/l
R38D1W		False	11/12/2002	Field Sample	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	120	U	120	ug/l
R38D1W		False	11/12/2002	Field Sample	8151	93-65-2	T	MCPP	120	U	120	ug/l
R38D1W-Filtered	R38D1W	True	11/12/2002	Field Sample	7470	7439-97-6	D	Mercury	0.0002	U	0.0002	mg/l
R38D1W		False	11/12/2002	Field Sample	7470	7439-97-6	T	Mercury	0.0002	U	0.0002	mg/l
R38D1W		False	11/12/2002	Field Sample	8081	72-43-5	T	Methoxychlor	0.5	U	0.5	ug/l
R38D1W		False	11/12/2002	Field Sample	8260	591-78-6	T	Methyl N-Butyl Ketone	10	U	10	ug/l
R38D1W		False	11/12/2002	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	0.1	U	0.1	ug/l
R38D1W		False	11/12/2002	Field Sample	8270	91-20-3	T	Naphthalene	10	U	10	ug/l
R38D1W-Filtered	R38D1W	True	11/12/2002	Field Sample	6010	7440-02-0	D	Nickel	0.04	U	0.04	mg/l
R38D1W		False	11/12/2002	Field Sample	6010	7440-02-0	T	Nickel	0.04	U	0.04	mg/l
R38D1W		False	11/12/2002	Field Sample	8270	98-95-3	T	Nitrobenzene	10	U	10	ug/l
R38D1W		False	11/12/2002	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	10	U	10	ug/l
R38D1W		False	11/12/2002	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	10	U	10	ug/l
R38D1W		False	11/12/2002	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	0.5	U	0.5	ug/l
R38D1W		False	11/12/2002	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	0.3	U	0.3	ug/l
R38D1W		False	11/12/2002	Field Sample	8270	106-47-8	T	P-Chloroaniline	5.2	J	20	ug/l
R38D1W		False	11/12/2002	Field Sample	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	0.2	U	0.2	ug/l
R38D1W		False	11/12/2002	Field Sample	8151	87-86-5	T	Pentachlorophenol	1	U	1	ug/l
R38D1W		False	11/12/2002	Field Sample	8270	85-01-8	T	Phenanthrene	10	U	10	ug/l
R38D1W		False	11/12/2002	Field Sample	8270	108-95-2	T	Phenol	5.1	J	10	ug/l
R38D1W		False	11/12/2002	Field Sample	8270	100-01-6	T	P-Nitroaniline	50	U	50	ug/l
R38D1W-Filtered	R38D1W	True	11/12/2002	Field Sample	6010	7440-09-7	D	Potassium	3.6		0.01	mg/l
R38D1W		False	11/12/2002	Field Sample	6010	7440-09-7	T	Potassium	3.7		0.01	mg/l
R38D1W		False	11/12/2002	Field Sample	8270	129-00-0	T	Pyrene	10	U	10	ug/l
R38D1W-Filtered	R38D1W	True	11/12/2002	Field Sample	6010	7782-49-2	D	Selenium	0.01	U	0.01	mg/l
R38D1W		False	11/12/2002	Field Sample	6010	7782-49-2	T	Selenium	0.01	UJ	0.01	mg/l
R38D1W-Filtered	R38D1W	True	11/12/2002	Field Sample	6010	7440-22-4	D	Silver	0.01	U	0.01	mg/l
R38D1W		False	11/12/2002	Field Sample	6010	7440-22-4	T	Silver	0.01	U	0.01	mg/l
R38D1W-Filtered	R38D1W	True	11/12/2002	Field Sample	6010	7440-23-5	D	Sodium	22	J	80	mg/l
R38D1W		False	11/12/2002	Field Sample	6010	7440-23-5	T	Sodium	23		80	mg/l
R38D1W		False	11/12/2002	Field Sample	8260	100-42-5	T	Styrene (Monomer)	1	U	1	ug/l
R38D1W		False	11/12/2002	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	0.2	U	0.2	ug/l
R38D1W		False	11/12/2002	Field Sample	8260	127-18-4	T	Tetrachloroethene	1	U	1	ug/l
R38D1W-Filtered	R38D1W	True	11/12/2002	Field Sample	6010	7440-28-0	D	Thallium	0.01	U	0.01	mg/l
R38D1W		False	11/12/2002	Field Sample	6010	7440-28-0	T	Thallium	0.01	UJ	0.01	mg/l
R38D1W		False	11/12/2002	Field Sample	8260	108-88-3	T	Toluene	1	U	1	ug/l
R38D1W		False	11/12/2002	Field Sample	8081	8001-35-2	T	Toxaphene	5	U	5	ug/l
R38D1W		False	11/12/2002	Field Sample	8260	10061-02-6	T	trans-1,3-Dichloropropene	1	U	1	ug/l
R38D1W		False	11/12/2002	Field Sample	680	C-TRICHLORO	T	Trichlorobiphenyl	0.1	U	0.1	ug/l
R38D1W		False	11/12/2002	Field Sample	8260	79-01-6	T	Trichloroethylene	1	U	1	ug/l
R38D1W-Filtered	R38D1W	True	11/12/2002	Field Sample	6010	7440-62-2	D	Vanadium	0.01	U	0.01	mg/l
R38D1W		False	11/12/2002	Field Sample	6010	7440-62-2	T	Vanadium	0.01	U	0.01	mg/l
R38D1W		False	11/12/2002	Field Sample	8260	75-01-4	T	Vinyl chloride	1	U	1	ug/l
R38D1W		False	11/12/2002	Field Sample	8260	1330-20-7	T	Xylenes, Total	2	U	2	ug/l
R38D1W-Filtered	R38D1W	True	11/12/2002	Field Sample	6010	7440-66-6	D	Zinc	0.02	U	0.02	mg/l
R38D1W		False	11/12/2002	Field Sample	6010	7440-66-6	T	Zinc	0.02	U	0.02	mg/l
R38D1W		False	11/12/2002	Field Sample	8260	71-55-6	T	1,1,1-Trichloroethane	1	UJ	1	ug/l
R38D1W		False	11/12/2002	Field Sample	8260	79-34-5	T	1,1,2,2-Tetrachloroethane	1	U	1	ug/l
R38D1W		False	11/12/2002	Field Sample	8260	79-00-5	T	1,1,2-Trichloroethane	1	U	1	ug/l
R38D1W		False	11/12/2002	Field Sample	8260	75-34-3	T	1,1-Dichloroethane	1	U	1	ug/l
R38D1W		False	11/12/2002	Field Sample	8260	75-35-4	T	1,1-Dichloroethylene	1	U	1	ug/l
R38D1W		False	11/12/2002	Field Sample	8290	35822-46-9	T	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	0.0000002	U	0.0000002	ug/l
R38D1W		False	11/12/2002	Field Sample	8290	67562-39-4	T	1,2,3,4,6,7,8-HpCDF	0.0000013	U	0.0000013	ug/l
R38D1W		False	11/12/2002	Field Sample	8290	55673-89-7	T	1,2,3,4,7,8,9-HpCDF	0.00000082	U	0.00000082	ug/l
R38D1W		False	11/12/2002	Field Sample	8290	39227-28-6	T	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.00000086	UJ	0.00000086	ug/l
R38D1W		False	11/12/2002	Field Sample	8290	70648-26-9	T	1,2,3,4,7,8-HxCDF	0.00000095	U	0.00000095	ug/l
R38D1W		False	11/12/2002	Field Sample	8290	57653-85-7	T	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	0.0000007	U	0.0000007	ug/l
R38D1W		False	11/12/2002	Field Sample	8290	57117-44-9	T	1,2,3,6,7,8-HxCDF	0.0000008	U	0.0000008	ug/l
R38D1W		False	11/12/2002	Field Sample	8290	19408-74-3	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.00000088	U	0.00000088	ug/l
R38D1W		False	11/12/2002	Field Sample	8290	72918-21-9	T	1,2,3,7,8,9-HxCDF	0.00000074	U	0.00000074	ug/l
R38D1W		False	11/12/2002	Field Sample	8290	57117-41-6	T	1,2,3,7,8-Pentachlorodibenzofuran	0.0000008	U	0.0000008	ug/l
R38D1W		False	11/12/2002	Field Sample	8290	40321-76-4	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.0000016	U	0.0000016	ug/l
R38D1W		False	11/12/2002	Field Sample	8270	120-82-1	T	1,2,4-Trichlorobenzene	10	U	10	ug/l
R38D1W		False	11/12/2002	Field Sample	8270	95-50-1	T	1,2-Dichlorobenzene	10	U	10	ug/l
R38D1W		False	11/12/2002	Field Sample	8260	107-06-2	T	1,2-Dichloroethane	0.4	J	1	ug/l
R38D1W		False	11/12/2002	Field Sample	8260	540-59-0	T	1,2-Dichloroethene (total)	0.22	J	2	ug/l
R38D1W		False	11/12/2002	Field Sample	8260	78-87-5	T	1,2-Dichloropropane	1	U	1	ug/l
R38D1W		False	11/12/2002	Field Sample	8270	541-73-1	T	1,3-Dichlorobenzene	10	U	10	ug/l
R38D1W		False	11/12/2002	Field Sample	8270	106-46-7	T	1,4-Dichlorobenzene	10	U	10	ug/l
R38D1W		False	11/12/2002	Field Sample	8260	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-3-chloroisopropyl ether)	10	U	10	ug/l
R38D1W		False	11/12/2002	Field Sample	8290	60851-34-5	T	2,3,4,6,7,8-HxCDF	0.00000088	U	0.00000088	ug/l
R38D1W		False	11/12/2002	Field Sample	8290	57117-31-4	T	2,3,4,7,8-PeCDF	0.00000076	U	0.00000076	ug/l
R38D1W		False	11/12/2002	Field Sample	8290	1746-01-6	T	2,3,7,8-TCDD	0.00000087	U	0.00000087	ug/l
R38D1W		False	11/12/2002	Field Sample	8290	51207-31-9	T	2,3,7,8-Tetrachlorodibenzofuran	0.0000012	U	0.0000012	ug/l
R38D1W		False	11/12/2002	Field Sample	8151	93-76-5	T	2,4,5-T	0.5	U	0.5	ug/l
R38D1W		False	11/12/2002	Field Sample	8151	93-72-1	T	2,4,5-TP (Silvex)	0.5	U	0.5	ug/l

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R3BM1W		False	11/12/2002	Field Sample	130.2	E-11776	T	Hardness, Carbonate	330		200	mg/l as Ca
R3BM1W		False	11/12/2002	Field Sample	8081	76-44-8	T	Heptachlor	0.05	U	0.05	ug/l
R3BM1W		False	11/12/2002	Field Sample	8081	1024-57-3	T	Heptachlor Epoxide	0.05	U	0.05	ug/l
R3BM1W		False	11/12/2002	Field Sample	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	0.3	U	0.3	ug/l
R3BM1W		False	11/12/2002	Field Sample	8270	118-74-1	T	Hexachlorobenzene	10	U	10	ug/l
R3BM1W		False	11/12/2002	Field Sample	680	C-HEXACHLORO	T	Hexachlorobiphenyl	0.2	U	0.2	ug/l
R3BM1W		False	11/12/2002	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	10	U	10	ug/l
R3BM1W		False	11/12/2002	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	10	U	10	ug/l
R3BM1W		False	11/12/2002	Field Sample	8270	67-72-1	T	Hexachloroethane	10	U	10	ug/l
R3BM1W		False	11/12/2002	Field Sample	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	10	U	10	ug/l
R3BM1W-Filtered	R3BM1W	True	11/12/2002	Field Sample	6010	7439-89-6	D	Iron	0.032	J	0.05	mg/l
R3BM1W		False	11/12/2002	Field Sample	6010	7439-89-6	T	Iron	1.1		0.05	mg/l
R3BM1W		False	11/12/2002	Field Sample	8270	78-59-1	T	Isophorone	10	U	10	ug/l
R3BM1W-Filtered	R3BM1W	True	11/12/2002	Field Sample	6010	7439-92-1	D	Lead	0.005	U	0.005	mg/l
R3BM1W		False	11/12/2002	Field Sample	6010	7439-92-1	T	Lead	0.005	U	0.005	mg/l
R3BM1W-Filtered	R3BM1W	True	11/12/2002	Field Sample	6010	7439-95-4	D	Magnesium	21		0.5	mg/l
R3BM1W		False	11/12/2002	Field Sample	6010	7439-95-4	T	Magnesium	21		0.5	mg/l
R3BM1W-Filtered	R3BM1W	True	11/12/2002	Field Sample	6010	7439-96-5	D	Manganese	0.01	U	0.01	mg/l
R3BM1W		False	11/12/2002	Field Sample	6010	7439-96-5	T	Manganese	0.063		0.01	mg/l
R3BM1W		False	11/12/2002	Field Sample	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	120	U	120	ug/l
R3BM1W		False	11/12/2002	Field Sample	8151	93-65-2	T	MCPP	120	U	120	ug/l
R3BM1W-Filtered	R3BM1W	True	11/12/2002	Field Sample	7470	7439-97-6	D	Mercury	0.0002	U	0.0002	mg/l
R3BM1W		False	11/12/2002	Field Sample	7470	7439-97-6	T	Mercury	0.0002	U	0.0002	mg/l
R3BM1W		False	11/12/2002	Field Sample	8081	72-43-5	T	Methoxychlor	0.5	U	0.5	ug/l
R3BM1W		False	11/12/2002	Field Sample	8260	591-78-6	T	Methyl N-Butyl Ketone	10	U	10	ug/l
R3BM1W		False	11/12/2002	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	0.1	U	0.1	ug/l
R3BM1W		False	11/12/2002	Field Sample	8270	91-20-3	T	Naphthalene	10	U	10	ug/l
R3BM1W-Filtered	R3BM1W	True	11/12/2002	Field Sample	6010	7440-02-0	D	Nickel	0.04	U	0.04	mg/l
R3BM1W		False	11/12/2002	Field Sample	6010	7440-02-0	T	Nickel	0.04	U	0.04	mg/l
R3BM1W		False	11/12/2002	Field Sample	8270	98-95-3	T	Nitrobenzene	10	U	10	ug/l
R3BM1W		False	11/12/2002	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	10	U	10	ug/l
R3BM1W		False	11/12/2002	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	10	U	10	ug/l
R3BM1W		False	11/12/2002	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	0.5	U	0.5	ug/l
R3BM1W		False	11/12/2002	Field Sample	8290	3268-87-9	T	OCDD	0.000039	U	0.000039	ug/l
R3BM1W		False	11/12/2002	Field Sample	8290	39001-02-0	T	OCDF	0.0000033	U	0.0000033	ug/l
R3BM1W		False	11/12/2002	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	0.3	U	0.3	ug/l
R3BM1W		False	11/12/2002	Field Sample	8270	106-47-8	T	P-Chloroaniline	18	J	20	ug/l
R3BM1W		False	11/12/2002	Field Sample	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	0.2	U	0.2	ug/l
R3BM1W		False	11/12/2002	Field Sample	8151	87-86-5	T	Pentachlorophenol	1	U	1	ug/l
R3BM1W		False	11/12/2002	Field Sample	8270	85-01-8	T	Phenanthrene	10	U	10	ug/l
R3BM1W		False	11/12/2002	Field Sample	8270	108-95-2	T	Phenol	14		10	ug/l
R3BM1W		False	11/12/2002	Field Sample	8270	100-01-6	T	P-Nitroaniline	50	U	50	ug/l
R3BM1W-Filtered	R3BM1W	True	11/12/2002	Field Sample	6010	7440-09-7	D	Potassium	3.6		0.01	mg/l
R3BM1W		False	11/12/2002	Field Sample	6010	7440-09-7	T	Potassium	3.8		0.01	mg/l
R3BM1W		False	11/12/2002	Field Sample	8270	129-00-0	T	Pyrene	10	U	10	ug/l
R3BM1W-Filtered	R3BM1W	True	11/12/2002	Field Sample	6010	7782-49-2	D	Selenium	0.01	U	0.01	mg/l
R3BM1W		False	11/12/2002	Field Sample	6010	7782-49-2	T	Selenium	0.01	UJ	0.01	mg/l
R3BM1W-Filtered	R3BM1W	True	11/12/2002	Field Sample	6010	7440-22-4	D	Silver	0.01	U	0.01	mg/l
R3BM1W		False	11/12/2002	Field Sample	6010	7440-22-4	T	Silver	0.01	U	0.01	mg/l
R3BM1W-Filtered	R3BM1W	True	11/12/2002	Field Sample	6010	7440-23-5	D	Sodium	23	J	80	mg/l
R3BM1W		False	11/12/2002	Field Sample	6010	7440-23-5	T	Sodium	22		80	mg/l
R3BM1W		False	11/12/2002	Field Sample	8260	100-42-5	T	Styrene (Monomer)	1	U	1	ug/l
R3BM1W		False	11/12/2002	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	0.2	U	0.2	ug/l
R3BM1W		False	11/12/2002	Field Sample	8260	127-18-4	T	Tetrachloroethene	1	U	1	ug/l
R3BM1W-Filtered	R3BM1W	True	11/12/2002	Field Sample	6010	7440-28-0	D	Thallium	0.01	U	0.01	mg/l
R3BM1W		False	11/12/2002	Field Sample	6010	7440-28-0	T	Thallium	0.01	UJ	0.01	mg/l
R3BM1W		False	11/12/2002	Field Sample	8260	108-88-3	T	Toluene	1	U	1	ug/l
R3BM1W		False	11/12/2002	Field Sample	8290	37871-00-4	T	Total HpCDD	0.0000029	U	0.0000029	ug/l
R3BM1W		False	11/12/2002	Field Sample	8290	38998-75-3	T	Total HpCDF	0.0000013	U	0.0000013	ug/l
R3BM1W		False	11/12/2002	Field Sample	8290	34465-46-8	T	Total HxCDD	0.0000018	U	0.0000018	ug/l
R3BM1W		False	11/12/2002	Field Sample	8290	55684-94-1	T	Total HxCDF	0.00000085	U	0.00000085	ug/l
R3BM1W		False	11/12/2002	Field Sample	8290	36088-22-9	T	Total PeCDD	0.0000025	U	0.0000025	ug/l
R3BM1W		False	11/12/2002	Field Sample	8290	30402-15-4	T	Total PeCDF	0.000001	U	0.000001	ug/l
R3BM1W		False	11/12/2002	Field Sample	8290	41903-57-5	T	Total TCDD	0.00000087	U	0.00000087	ug/l
R3BM1W		False	11/12/2002	Field Sample	8290	55722-27-5	T	Total TCDF	0.0000012	U	0.0000012	ug/l
R3BM1W		False	11/12/2002	Field Sample	8081	8001-35-2	T	Toxaphene	5	U	5	ug/l
R3BM1W		False	11/12/2002	Field Sample	8260	10061-02-6	T	trans-1,3-Dichloropropene	1	U	1	ug/l
R3BM1W		False	11/12/2002	Field Sample	680	C-TRICHLOROB	T	Trichlorobiphenyl	0.1	U	0.1	ug/l
R3BM1W		False	11/12/2002	Field Sample	8260	79-01-6	T	Trichloroethylene	0.58	J	1	ug/l
R3BM1W-Filtered	R3BM1W	True	11/12/2002	Field Sample	6010	7440-62-2	D	Vanadium	0.01	U	0.01	mg/l
R3BM1W		False	11/12/2002	Field Sample	6010	7440-62-2	T	Vanadium	0.01	U	0.01	mg/l
R3BM1W		False	11/12/2002	Field Sample	8260	75-01-4	T	Vinyl chloride	1	U	1	ug/l
R3BM1W		False	11/12/2002	Field Sample	8260	1330-20-7	T	Xylenes, Total	2	U	2	ug/l
R3BM1W-Filtered	R3BM1W	True	11/12/2002	Field Sample	6010	7440-66-6	D	Zinc	0.02	U	0.02	mg/l
R3BM1W		False	11/12/2002	Field Sample	6010	7440-66-6	T	Zinc	0.02	U	0.02	mg/l
R3BM1W		False	11/12/2002	Field Sample	8260	71-55-6	T	1,1,1-Trichloroethane	1	UJ	1	ug/l
R3BM1W		False	11/12/2002	Field Sample	8260	79-34-5	T	1,1,2,2-Tetrachloroethane	1	U	1	ug/l
R3BM1W		False	11/12/2002	Field Sample	8260	79-00-5	T	1,1,2-Trichloroethane	1	U	1	ug/l
R3BM1W		False	11/12/2002	Field Sample	8260	75-34-3	T	1,1-Dichloroethane	1	U	1	ug/l
R3BM1W		False	11/12/2002	Field Sample	8260	75-35-4	T	1,1-Dichloroethylene	1	U	1	ug/l
R3BM1W		False	11/12/2002	Field Sample	8270	120-82-1	T	1,2,4-Trichlorobenzene	10	U	10	ug/l
R3BM1W		False	11/12/2002	Field Sample	8270	95-50-1	T	1,2-Dichlorobenzene	1.2	J	10	ug/l
R3BM1W		False	11/12/2002	Field Sample	8260	107-06-2	T	1,2-Dichloroethane	0.42	J	1	ug/l
R3BM1W		False	11/12/2002	Field Sample	8260	540-59-0	T	1,2-Dichloroethene (total)	2	U	2	ug/l
R3BM1W		False	11/12/2002	Field Sample	8260	78-87-5	T	1,2-Dichloropropane	1	U	1	ug/l
R3BM1W		False	11/12/2002	Field Sample	8270	541-73-1	T	1,3-Dichlorobenzene	10	U	10	ug/l
R3BM1W		False	11/12/2002	Field Sample	8270	106-46-7	T	1,4-Dichlorobenzene	10	U	10	ug/l
R3BM1W		False	11/12/2002	Field Sample	8270	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	10	U	10	ug/l
R3BM1W		False	11/12/2002	Field Sample	8151	93-76-5	T	2,4,5-T	0.5	U	0.5	ug/l
R3BM1W		False	11/12/2002	Field Sample	8151	93-72-1	T	2,4,5-TP (Silvex)	0.5	U	0.5	ug/l
R3BM1W		False	11/12/2002	Field Sample	8270	95-95-4	T	2,4,5-Trichlorophenol	10	U	10	ug/l
R3BM1W		False	11/12/2002	Field Sample	8270	88-06-2	T	2,4,6-Trichlorophenol	10	U	10	ug/l
R3BM1W		False	11/12/2002	Field Sample	8151	94-75-7	T	2,4-D	5.4	J	0.5	ug/l
R3BM1W		False	11/12/2002	Field Sample	8151	94-82-6	T	2,4-DB	0.5	UJ	0.5	ug/l
R3BM1W		False	11/12/2002	Field Sample	8270	120-83-2	T	2,4-Dichlorophenol	4.1	J	10	ug/l
R3BM1W		False	11/12/2002	Field Sample	8270	105-67-9	T	2,4-Dimethylphenol	10	U	10	ug/l
R3BM1W		False	11/12/2002	Field Sample	8270	51-28-5	T	2,4-Dinitrophenol	50	UJ	50	ug/l
R3BM1W		False	11/12/2002	Field Sample	8270	121-14-2	T	2,4-Dinitrotoluene	10	U	10	ug/l
R3BM1W		False	11/12/2002	Field Sample	8270	606-20-2	T	2,6-Dinitrotoluene	10	U	10	ug/l
R3BM1W		False	11/12/2002	Field Sample	8260	78-93-3	T	2-Butanone (MEK)	10	U	10	ug/l
R3BM1W		False	11/12/2002	Field Sample	8270	91-58-7	T	2-Chloronaphthalene	10	U	10	ug/l
R3BM1W		False	11/12/2002	Field Sample	8270	95-57-8	T	2-Chlorophenol	10	U	10	ug/l

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Aluminum	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Aluminum	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Antimony	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Antimony	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Arsenic	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Arsenic	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Barium	[illegible]		[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Barium	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Beryllium	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Cadmium	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Calcium	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Chromium	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Cobalt	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Copper	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Hardness, Carbonate	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Iron	[illegible]	[illegible]	[illegible]	[illegible]

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R3BU1W		False	11/13/2002	Field Sample	6010	7439-89-6	T	Iron	1.1		0.05	mg/l
R3BU1W		False	11/13/2002	Field Sample	8270	78-59-1	T	Isophorone	10	U	10	ug/l
R3BU1W-Filtered	R3BU1W	True	11/13/2002	Field Sample	6010	7439-92-1	D	Lead	0.005	U	0.005	mg/l
R3BU1W		False	11/13/2002	Field Sample	6010	7439-92-1	T	Lead	0.005	U	0.005	mg/l
R3BU1W-Filtered	R3BU1W	True	11/13/2002	Field Sample	6010	7439-95-4	D	Magnesium	20		0.5	mg/l
R3BU1W		False	11/13/2002	Field Sample	6010	7439-95-4	T	Magnesium	20		0.5	mg/l
R3BU1W-Filtered	R3BU1W	True	11/13/2002	Field Sample	6010	7439-96-5	D	Manganese	0.01	U	0.01	mg/l
R3BU1W		False	11/13/2002	Field Sample	6010	7439-96-5	T	Manganese	0.088		0.01	mg/l
R3BU1W		False	11/13/2002	Field Sample	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	120	U	120	ug/l
R3BU1W		False	11/13/2002	Field Sample	8151	93-65-2	T	MCPP	120	U	120	ug/l
R3BU1W-Filtered	R3BU1W	True	11/13/2002	Field Sample	7470	7439-97-6	D	Mercury	0.0002	U	0.0002	mg/l
R3BU1W		False	11/13/2002	Field Sample	7470	7439-97-6	T	Mercury	0.0002	U	0.0002	mg/l
R3BU1W		False	11/13/2002	Field Sample	8081	72-43-5	T	Methoxychlor	0.5	U	0.5	ug/l
R3BU1W		False	11/13/2002	Field Sample	8260	591-78-6	T	Methyl N-Butyl Ketone	10	U	10	ug/l
R3BU1W		False	11/13/2002	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	0.1	UJ	0.1	ug/l
R3BU1W		False	11/13/2002	Field Sample	8270	91-20-3	T	Naphthalene	10	U	10	ug/l
R3BU1W-Filtered	R3BU1W	True	11/13/2002	Field Sample	6010	7440-02-0	D	Nickel	0.04	U	0.04	mg/l
R3BU1W		False	11/13/2002	Field Sample	6010	7440-02-0	T	Nickel	0.04	U	0.04	mg/l
R3BU1W		False	11/13/2002	Field Sample	8270	98-95-3	T	Nitrobenzene	10	U	10	ug/l
R3BU1W		False	11/13/2002	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	10	U	10	ug/l
R3BU1W		False	11/13/2002	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	10	U	10	ug/l
R3BU1W		False	11/13/2002	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	0.5	UJ	0.5	ug/l
R3BU1W		False	11/13/2002	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	0.3	UJ	0.3	ug/l
R3BU1W		False	11/13/2002	Field Sample	8270	106-47-8	T	P-Chloroaniline	10	J	20	ug/l
R3BU1W		False	11/13/2002	Field Sample	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	0.2	UJ	0.2	ug/l
R3BU1W		False	11/13/2002	Field Sample	8151	87-86-5	T	Pentachlorophenol	1	U	1	ug/l
R3BU1W		False	11/13/2002	Field Sample	8270	85-01-8	T	Phenanthrene	10	U	10	ug/l
R3BU1W		False	11/13/2002	Field Sample	8270	108-95-2	T	Phenol	10	U	10	ug/l
R3BU1W		False	11/13/2002	Field Sample	8270	100-01-6	T	P-Nitroaniline	50	U	50	ug/l
R3BU1W-Filtered	R3BU1W	True	11/13/2002	Field Sample	6010	7440-09-7	D	Potassium	3.3		0.01	mg/l
R3BU1W		False	11/13/2002	Field Sample	6010	7440-09-7	T	Potassium	3.3		0.01	mg/l
R3BU1W		False	11/13/2002	Field Sample	8270	129-00-0	T	Pyrene	10	U	10	ug/l
R3BU1W-Filtered	R3BU1W	True	11/13/2002	Field Sample	6010	7782-49-2	D	Selenium	0.01	U	0.01	mg/l
R3BU1W		False	11/13/2002	Field Sample	6010	7782-49-2	T	Selenium	0.01	U	0.01	mg/l
R3BU1W-Filtered	R3BU1W	True	11/13/2002	Field Sample	6010	7440-22-4	D	Silver	0.01	U	0.01	mg/l
R3BU1W		False	11/13/2002	Field Sample	6010	7440-22-4	T	Silver	0.01	U	0.01	mg/l
R3BU1W-Filtered	R3BU1W	True	11/13/2002	Field Sample	6010	7440-23-5	D	Sodium	22	J	80	mg/l
R3BU1W		False	11/13/2002	Field Sample	6010	7440-23-5	T	Sodium	21	J	80	mg/l
R3BU1W		False	11/13/2002	Field Sample	8260	100-42-5	T	Styrene (Monomer)	1	U	1	ug/l
R3BU1W		False	11/13/2002	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	0.2	UJ	0.2	ug/l
R3BU1W		False	11/13/2002	Field Sample	8260	127-18-4	T	Tetrachloroethene	1	U	1	ug/l
R3BU1W-Filtered	R3BU1W	True	11/13/2002	Field Sample	6010	7440-28-0	D	Thallium	0.01	U	0.01	mg/l
R3BU1W		False	11/13/2002	Field Sample	6010	7440-28-0	T	Thallium	0.01	U	0.01	mg/l
R3BU1W		False	11/13/2002	Field Sample	8260	108-88-3	T	Toluene	0.87	J	1	ug/l
R3BU1W		False	11/13/2002	Field Sample	8081	8001-35-2	T	Toxaphene	5	U	5	ug/l
R3BU1W		False	11/13/2002	Field Sample	8260	10061-02-6	T	trans-1,3-Dichloropropene	1	U	1	ug/l
R3BU1W		False	11/13/2002	Field Sample	680	C-TRICHLOROB	T	Trichlorobiphenyl	0.1	UJ	0.1	ug/l
R3BU1W		False	11/13/2002	Field Sample	8260	79-01-6	T	Trichloroethylene	1	U	1	ug/l
R3BU1W-Filtered	R3BU1W	True	11/13/2002	Field Sample	6010	7440-62-2	D	Vanadium	0.01	U	0.01	mg/l
R3BU1W		False	11/13/2002	Field Sample	6010	7440-62-2	T	Vanadium	0.01	U	0.01	mg/l
R3BU1W		False	11/13/2002	Field Sample	8260	75-01-4	T	Vinyl chloride	1	U	1	ug/l
R3BU1W		False	11/13/2002	Field Sample	8260	1330-20-7	T	Xylenes, Total	2	U	2	ug/l
R3BU1W-Filtered	R3BU1W	True	11/13/2002	Field Sample	6010	7440-66-6	D	Zinc	0.02	U	0.02	mg/l
R3BU1W		False	11/13/2002	Field Sample	6010	7440-66-6	T	Zinc	0.037		0.02	mg/l
R3CM1W		False	11/13/2002	Field Sample	8260	71-55-6	T	1,1,1-Trichloroethane	1	UJ	1	ug/l
R3CM1W		False	11/13/2002	Field Sample	8260	76-34-5	T	1,1,2,2-Tetrachloroethane	1	U	1	ug/l
R3CM1W		False	11/13/2002	Field Sample	8260	79-00-5	T	1,1,2-Trichloroethane	1	U	1	ug/l
R3CM1W		False	11/13/2002	Field Sample	8260	75-34-3	T	1,1-Dichloroethane	1	U	1	ug/l
R3CM1W		False	11/13/2002	Field Sample	8260	75-35-4	T	1,1-Dichloroethylene	1	U	1	ug/l
R3CM1W		False	11/13/2002	Field Sample	8270	120-82-1	T	1,2,4-Trichlorobenzene	10	U	10	ug/l
R3CM1W		False	11/13/2002	Field Sample	8270	95-50-1	T	1,2-Dichlorobenzene	10	U	10	ug/l
R3CM1W		False	11/13/2002	Field Sample	8260	107-06-2	T	1,2-Dichloroethane	1	U	1	ug/l
R3CM1W		False	11/13/2002	Field Sample	8260	540-59-0	T	1,2-Dichloroethene (total)	2	U	2	ug/l
R3CM1W		False	11/13/2002	Field Sample	8260	78-87-5	T	1,2-Dichloropropane	1	U	1	ug/l
R3CM1W		False	11/13/2002	Field Sample	8270	541-73-1	T	1,3-Dichlorobenzene	10	U	10	ug/l
R3CM1W		False	11/13/2002	Field Sample	8270	106-46-7	T	1,4-Dichlorobenzene	10	U	10	ug/l
R3CM1W		False	11/13/2002	Field Sample	8270	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	10	U	10	ug/l
R3CM1W		False	11/13/2002	Field Sample	8151	93-76-5	T	2,4,5-T	0.5	U	0.5	ug/l
R3CM1W		False	11/13/2002	Field Sample	8151	93-72-1	T	2,4,5-TP (Silvex)	0.5	U	0.5	ug/l
R3CM1W		False	11/13/2002	Field Sample	8270	95-95-4	T	2,4,5-Trichlorophenol	10	U	10	ug/l
R3CM1W		False	11/13/2002	Field Sample	8270	88-06-2	T	2,4,6-Trichlorophenol	10	U	10	ug/l
R3CM1W		False	11/13/2002	Field Sample	8151	94-75-7	T	2,4-D	0.5	U	0.5	ug/l
R3CM1W		False	11/13/2002	Field Sample	8151	94-82-6	T	2,4-DB	0.5	UJ	0.5	ug/l
R3CM1W		False	11/13/2002	Field Sample	8270	120-83-2	T	2,4-Dichlorophenol	10	U	10	ug/l
R3CM1W		False	11/13/2002	Field Sample	8270	105-67-9	T	2,4-Dimethylphenol	10	U	10	ug/l
R3CM1W		False	11/13/2002	Field Sample	8270	51-28-5	T	2,4-Dinitrophenol	50	U	50	ug/l
R3CM1W		False	11/13/2002	Field Sample	8270	121-14-2	T	2,4-Dinitrotoluene	10	U	10	ug/l
R3CM1W		False	11/13/2002	Field Sample	8270	606-20-2	T	2,6-Dinitrotoluene	10	U	10	ug/l
R3CM1W		False	11/13/2002	Field Sample	8260	78-93-3	T	2-Butanone (MEK)	10	U	10	ug/l
R3CM1W		False	11/13/2002	Field Sample	8270	91-58-7	T	2-Chloronaphthalene	10	U	10	ug/l
R3CM1W		False	11/13/2002	Field Sample	8270	95-57-8	T	2-Chlorophenol	10	U	10	ug/l
R3CM1W		False	11/13/2002	Field Sample	8270	91-57-6	T	2-Methylnaphthalene	10	U	10	ug/l
R3CM1W		False	11/13/2002	Field Sample	8270	95-48-7	T	2-Methylphenol (o-Cresol)	10	U	10	ug/l
R3CM1W		False	11/13/2002	Field Sample	8270	88-74-4	T	2-Nitroaniline	50	U	50	ug/l
R3CM1W		False	11/13/2002	Field Sample	8270	88-75-5	T	2-Nitrophenol	10	U	10	ug/l
R3CM1W		False	11/13/2002	Field Sample	8270	91-94-1	T	3,3'-Dichlorobenzidine	20	U	20	ug/l
R3CM1W		False	11/13/2002	Field Sample	8270	108-44-5	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	10	U	10	ug/l
R3CM1W		False	11/13/2002	Field Sample	8270	99-09-2	T	3-Nitroaniline	50	U	50	ug/l
R3CM1W		False	11/13/2002	Field Sample	8081	72-54-8	T	4,4'-DDD	0.1	U	0.1	ug/l
R3CM1W		False	11/13/2002	Field Sample	8081	72-55-9	T	4,4'-DDE	0.1	U	0.1	ug/l
R3CM1W		False	11/13/2002	Field Sample	8081	50-29-3	T	4,4'-DDT	0.1	U	0.1	ug/l
R3CM1W		False	11/13/2002	Field Sample	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	50	U	50	ug/l
R3CM1W		False	11/13/2002	Field Sample	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	10	U	10	ug/l
R3CM1W		False	11/13/2002	Field Sample	8270	59-50-7	T	4-Chloro-3-methylphenol	10	U	10	ug/l
R3CM1W		False	11/13/2002	Field Sample	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	10	U	10	ug/l
R3CM1W		False	11/13/2002	Field Sample	8260	108-10-1	T	4-Methyl-2-pentanone (MIBK)	10	U	10	ug/l
R3CM1W		False	11/13/2002	Field Sample	8270	100-02-7	T	4-Nitrophenol	50	U	50	ug/l
R3CM1W		False	11/13/2002	Field Sample	8270	83-32-9	T	Acenaphthene	10	U	10	ug/l
R3CM1W		False	11/13/2002	Field Sample	8270	208-96-8	T	Acenaphthylene	10	U	10	ug/l
R3CM1W		False	11/13/2002	Field Sample	8260	67-64-1	T	Acetone	25	U	25	ug/l
R3CM1W		False	11/13/2002	Field Sample	8081	309-00-2	T	Aldrin	0.05	U	0.05	ug/l
R3CM1W		False	11/13/2002	Field Sample	8081	319-84-6	T	alpha-BHC	0.05	U	0.05	ug/l
R3CM1W		False	11/13/2002	Field Sample	8081	5103-71-9	T	alpha-Chlordane	0.05	U	0.05	ug/l

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
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Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R3CM1W		False	11/13/2002	Field Sample	6010	7440-02-0	T	Nickel	0.04	U	0.04	mg/l
R3CM1W		False	11/13/2002	Field Sample	8270	98-95-3	T	Nitrobenzene	10	U	10	ug/l
R3CM1W		False	11/13/2002	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	10	U	10	ug/l
R3CM1W		False	11/13/2002	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	10	U	10	ug/l
R3CM1W		False	11/13/2002	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	0.5	UJ	0.5	ug/l
R3CM1W		False	11/13/2002	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	0.3	UJ	0.3	ug/l
R3CM1W		False	11/13/2002	Field Sample	8270	106-47-8	T	P-Chloroaniline	20	U	20	ug/l
R3CM1W		False	11/13/2002	Field Sample	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	0.2	UJ	0.2	ug/l
R3CM1W		False	11/13/2002	Field Sample	8151	87-86-5	T	Pentachlorophenol	1	U	1	ug/l
R3CM1W		False	11/13/2002	Field Sample	8270	85-01-8	T	Phenanthrene	10	U	10	ug/l
R3CM1W		False	11/13/2002	Field Sample	8270	108-95-2	T	Phenol	10	U	10	ug/l
R3CM1W		False	11/13/2002	Field Sample	8270	100-01-6	T	P-Nitroaniline	50	U	50	ug/l
R3CM1W-Filtered	R3CM1W	True	11/13/2002	Field Sample	6010	7440-09-7	D	Potassium	3.2		0.01	mg/l
R3CM1W		False	11/13/2002	Field Sample	6010	7440-09-7	T	Potassium	3.4		0.01	mg/l
R3CM1W		False	11/13/2002	Field Sample	8270	129-00-0	T	Pyrene	10	U	10	ug/l
R3CM1W-Filtered	R3CM1W	True	11/13/2002	Field Sample	6010	7782-49-2	D	Selenium	0.01	U	0.01	mg/l
R3CM1W		False	11/13/2002	Field Sample	6010	7782-49-2	T	Selenium	0.01	U	0.01	mg/l
R3CM1W-Filtered	R3CM1W	True	11/13/2002	Field Sample	6010	7440-22-4	D	Silver	0.01	U	0.01	mg/l
R3CM1W		False	11/13/2002	Field Sample	6010	7440-22-4	T	Silver	0.01	U	0.01	mg/l
R3CM1W-Filtered	R3CM1W	True	11/13/2002	Field Sample	6010	7440-23-5	D	Sodium	19	J	80	mg/l
R3CM1W		False	11/13/2002	Field Sample	6010	7440-23-5	T	Sodium	20	J	80	mg/l
R3CM1W		False	11/13/2002	Field Sample	8260	100-42-5	T	Styrene (monomer)	1	U	1	ug/l
R3CM1W		False	11/13/2002	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	0.2	UJ	0.2	ug/l
R3CM1W		False	11/13/2002	Field Sample	8260	127-18-4	T	Tetrachloroethene	1	U	1	ug/l
R3CM1W-Filtered	R3CM1W	True	11/13/2002	Field Sample	6010	7440-28-0	D	Thallium	0.01	U	0.01	mg/l
R3CM1W		False	11/13/2002	Field Sample	6010	7440-28-0	T	Thallium	0.01	U	0.01	mg/l
R3CM1W		False	11/13/2002	Field Sample	8260	108-88-3	T	Toluene	1	U	1	ug/l
R3CM1W		False	11/13/2002	Field Sample	8081	8001-35-2	T	Toxaphene	5	U	5	ug/l
R3CM1W		False	11/13/2002	Field Sample	8260	10061-02-6	T	trans-1,3-Dichloropropene	1	U	1	ug/l
R3CM1W		False	11/13/2002	Field Sample	680	C-TRICHLORO8	T	Trichlorobiphenyl	0.1	UJ	0.1	ug/l
R3CM1W		False	11/13/2002	Field Sample	8260	79-01-6	T	Trichloroethylene	1	U	1	ug/l
R3CM1W-Filtered	R3CM1W	True	11/13/2002	Field Sample	6010	7440-62-2	D	Vanadium	0.01	U	0.01	mg/l
R3CM1W		False	11/13/2002	Field Sample	6010	7440-62-2	T	Vanadium	0.01	U	0.01	mg/l
R3CM1W		False	11/13/2002	Field Sample	8260	75-01-4	T	Vinyl chloride	1	U	1	ug/l
R3CM1W		False	11/13/2002	Field Sample	8260	1330-20-7	T	Xylenes, Total	2	U	2	ug/l
R3CM1W-Filtered	R3CM1W	True	11/13/2002	Field Sample	6010	7440-66-6	D	Zinc	0.02	U	0.02	mg/l
R3CM1W		False	11/13/2002	Field Sample	6010	7440-66-6	T	Zinc	0.02	U	0.02	mg/l
R4AD1W		False	11/10/2002	Field Sample	8260	71-55-6	T	1,1,1-Trichloroethane	1	UJ	1	ug/l
R4AD1W		False	11/10/2002	Field Sample	8260	79-34-5	T	1,1,2,2-Tetrachloroethane	1	U	1	ug/l
R4AD1W		False	11/10/2002	Field Sample	8260	79-00-5	T	1,1,2-Trichloroethane	1	U	1	ug/l
R4AD1W		False	11/10/2002	Field Sample	8260	75-34-3	T	1,1-Dichloroethane	1	U	1	ug/l
R4AD1W		False	11/10/2002	Field Sample	8260	75-35-4	T	1,1-Dichloroethylene	1	U	1	ug/l
R4AD1W		False	11/10/2002	Field Sample	8270	120-82-1	T	1,2,4-Trichlorobenzene	10	U	10	ug/l
R4AD1W		False	11/10/2002	Field Sample	8270	95-50-1	T	1,2-Dichlorobenzene	10	U	10	ug/l
R4AD1W		False	11/10/2002	Field Sample	8260	107-06-2	T	1,2-Dichloroethane	0.34	J	1	ug/l
R4AD1W		False	11/10/2002	Field Sample	8260	540-59-0	T	1,2-Dichloroethene (total)	2	U	2	ug/l
R4AD1W		False	11/10/2002	Field Sample	8260	78-87-5	T	1,2-Dichloropropane	1	U	1	ug/l
R4AD1W		False	11/10/2002	Field Sample	8270	541-73-1	T	1,3-Dichlorobenzene	10	U	10	ug/l
R4AD1W		False	11/10/2002	Field Sample	8270	106-46-7	T	1,4-Dichlorobenzene	10	U	10	ug/l
R4AD1W		False	11/10/2002	Field Sample	8270	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	10	U	10	ug/l
R4AD1W		False	11/10/2002	Field Sample	8151	93-76-5	T	2,4,5-T	0.5	U	0.5	ug/l
R4AD1W		False	11/10/2002	Field Sample	8151	93-72-1	T	2,4,5-TP (Silvex)	0.5	U	0.5	ug/l
R4AD1W		False	11/10/2002	Field Sample	8270	95-95-4	T	2,4,5-Trichlorophenol	10	U	10	ug/l
R4AD1W		False	11/10/2002	Field Sample	8270	88-06-2	T	2,4,6-Trichlorophenol	10	U	10	ug/l
R4AD1W		False	11/10/2002	Field Sample	8151	94-75-7	T	2,4-D	2.8		0.5	ug/l
R4AD1W		False	11/10/2002	Field Sample	8151	94-82-6	T	2,4-DB	0.5	U	0.5	ug/l
R4AD1W		False	11/10/2002	Field Sample	8270	120-83-2	T	2,4-Dichlorophenol	2	J	10	ug/l
R4AD1W		False	11/10/2002	Field Sample	8270	105-67-9	T	2,4-Dimethylphenol	10	U	10	ug/l
R4AD1W		False	11/10/2002	Field Sample	8270	51-28-5	T	2,4-Dinitrophenol	50	UJ	50	ug/l
R4AD1W		False	11/10/2002	Field Sample	8270	121-14-2	T	2,4-Dinitrotoluene	10	U	10	ug/l
R4AD1W		False	11/10/2002	Field Sample	8270	606-20-2	T	2,6-Dinitrotoluene	10	U	10	ug/l
R4AD1W		False	11/10/2002	Field Sample	8260	78-93-3	T	2-Butanone (MEK)	10	U	10	ug/l
R4AD1W		False	11/10/2002	Field Sample	8270	91-58-7	T	2-Chloronaphthalene	10	U	10	ug/l
R4AD1W		False	11/10/2002	Field Sample	8270	95-57-8	T	2-Chlorophenol	1.5	J	10	ug/l
R4AD1W		False	11/10/2002	Field Sample	8270	91-57-6	T	2-Methylnaphthalene	10	U	10	ug/l
R4AD1W		False	11/10/2002	Field Sample	8270	95-48-7	T	2-Methylphenol (o-Cresol)	10	U	10	ug/l
R4AD1W		False	11/10/2002	Field Sample	8270	88-74-4	T	2-Nitroaniline	50	U	50	ug/l
R4AD1W		False	11/10/2002	Field Sample	8270	88-75-5	T	2-Nitrophenol	10	U	10	ug/l
R4AD1W		False	11/10/2002	Field Sample	8270	91-94-1	T	3,3'-Dichlorobenzidine	20	U	20	ug/l
R4AD1W		False	11/10/2002	Field Sample	8270	108-44-5	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	10	U	10	ug/l
R4AD1W		False	11/10/2002	Field Sample	8270	99-09-2	T	3-Nitroaniline	50	U	50	ug/l
R4AD1W		False	11/10/2002	Field Sample	8081	72-54-8	T	4,4'-DDD	0.1	U	0.1	ug/l
R4AD1W		False	11/10/2002	Field Sample	8081	72-55-9	T	4,4'-DDE	0.1	U	0.1	ug/l
R4AD1W		False	11/10/2002	Field Sample	8081	50-29-3	T	4,4'-DDT	0.1	U	0.1	ug/l
R4AD1W		False	11/10/2002	Field Sample	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	50	U	50	ug/l
R4AD1W		False	11/10/2002	Field Sample	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	10	U	10	ug/l
R4AD1W		False	11/10/2002	Field Sample	8270	59-50-7	T	4-Chloro-3-methylphenol	10	U	10	ug/l
R4AD1W		False	11/10/2002	Field Sample	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	10	U	10	ug/l
R4AD1W		False	11/10/2002	Field Sample	8260	108-10-1	T	4-Methyl-2-pentanone (MIBK)	10	U	10	ug/l
R4AD1W		False	11/10/2002	Field Sample	8270	100-02-7	T	4-Nitrophenol	50	U	50	ug/l
R4AD1W		False	11/10/2002	Field Sample	8270	83-32-9	T	Acenaphthene	10	U	10	ug/l
R4AD1W		False	11/10/2002	Field Sample	8270	208-96-8	T	Acenaphthylene	10	U	10	ug/l
R4AD1W		False	11/10/2002	Field Sample	8260	67-64-1	T	Acetone	25	U	25	ug/l
R4AD1W		False	11/10/2002	Field Sample	8081	309-00-2	T	Aldrin	0.05	U	0.05	ug/l
R4AD1W		False	11/10/2002	Field Sample	8081	319-84-6	T	alpha-BHC	0.05	U	0.05	ug/l
R4AD1W		False	11/10/2002	Field Sample	8081	5103-71-9	T	alpha-Chlordane	0.05	U	0.05	ug/l
R4AD1W		False	11/10/2002	Field Sample	6010	7429-90-5	T	Aluminum	0.98	J	0.02	mg/l
R4AD1W-Filtered	R4AD1W	True	11/10/2002	Field Sample	6010	7429-90-5	D	Aluminum	0.2	U	0.2	mg/l
R4AD1W		False	11/10/2002	Field Sample	8270	120-12-7	T	Anthracene	10	U	10	ug/l
R4AD1W		False	11/10/2002	Field Sample	6010	7440-36-0	T	Antimony	0.02	U	0.02	mg/l
R4AD1W-Filtered	R4AD1W	True	11/10/2002	Field Sample	6010	7440-36-0	D	Antimony	0.02	UJ	0.02	mg/l
R4AD1W		False	11/10/2002	Field Sample	6010	7440-38-2	T	Arsenic	0.01	U	0.01	mg/l
R4AD1W-Filtered	R4AD1W	True	11/10/2002	Field Sample	6010	7440-38-2	D	Arsenic	0.01	UJ	0.01	mg/l
R4AD1W-Filtered	R4AD1W	True	11/10/2002	Field Sample	6010	7440-39-3	D	Barium	0.053		0.01	mg/l
R4AD1W		False	11/10/2002	Field Sample	6010	7440-39-3	T	Barium	0.054		0.01	mg/l
R4AD1W		False	11/10/2002	Field Sample	8260	71-43-2	T	Benzene	1	U	1	ug/l
R4AD1W		False	11/10/2002	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	10	U	10	ug/l
R4AD1W		False	11/10/2002	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	10	U	10	ug/l
R4AD1W		False	11/10/2002	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	10	U	10	ug/l
R4AD1W		False	11/10/2002	Field Sample	8270	191-24-2	T	Benzo(g,h,i)perylene	10	U	10	ug/l
R4AD1W		False	11/10/2002	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	10	U	10	ug/l
R4AD1W		False	11/10/2002	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	10	U	10	ug/l
R4AD1W-Filtered	R4AD1W	True	11/10/2002	Field Sample	6010	7440-41-7	D	Beryllium	0.004	U	0.004	mg/l
R4AD1W		False	11/10/2002	Field Sample	6010	7440-41-7	T	Beryllium	0.004	U	0.004	mg/l

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R4AD1W-Filtered	R4AD1W	True	11/10/2002	Field Sample	6010	7440-23-5	D	Sodium	21	J	80	ug/l
R4AD1W		False	11/10/2002	Field Sample	6010	7440-23-5	T	Sodium	20		80	ug/l
R4AD1W		False	11/10/2002	Field Sample	8260	100-42-5	T	Styrene (Monomer)	1	U	1	ug/l
R4AD1W		False	11/10/2002	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	0.2	U	0.2	ug/l
R4AD1W		False	11/10/2002	Field Sample	8260	127-18-4	T	Tetrachloroethene	1	U	1	ug/l
R4AD1W-Filtered	R4AD1W	True	11/10/2002	Field Sample	6010	7440-28-0	D	Thallium	0.01	U	0.01	ug/l
R4AD1W		False	11/10/2002	Field Sample	6010	7440-28-0	T	Thallium	0.01	UJ	0.01	ug/l
R4AD1W		False	11/10/2002	Field Sample	8260	108-88-3	T	Toluene	0.56	J	1	ug/l
R4AD1W		False	11/10/2002	Field Sample	8081	8001-35-2	T	Toxaphene	5	U	5	ug/l
R4AD1W		False	11/10/2002	Field Sample	8260	10061-02-6	T	trans-1,3-Dichloropropene	1	U	1	ug/l
R4AD1W		False	11/10/2002	Field Sample	680	C-TRICHLOROB	T	Trichlorobiphenyl	0.1	U	0.1	ug/l
R4AD1W		False	11/10/2002	Field Sample	8260	79-01-6	T	Trichloroethylene	1	U	1	ug/l
R4AD1W-Filtered	R4AD1W	True	11/10/2002	Field Sample	6010	7440-62-2	D	Vanadium	0.01	U	0.01	mg/l
R4AD1W		False	11/10/2002	Field Sample	6010	7440-62-2	T	Vanadium	0.01	U	0.01	mg/l
R4AD1W		False	11/10/2002	Field Sample	8260	75-01-4	T	Vinyl chloride	1	U	1	ug/l
R4AD1W		False	11/10/2002	Field Sample	8260	1330-20-7	T	Xylenes, Total	2	U	2	ug/l
R4AD1W-Filtered	R4AD1W	True	11/10/2002	Field Sample	6010	7440-66-6	D	Zinc	0.02	U	0.02	mg/l
R4AD1W		False	11/10/2002	Field Sample	6010	7440-66-6	T	Zinc	0.02	U	0.02	mg/l
R4AM1W		False	11/10/2002	Field Sample	8260	71-55-6	T	1,1,1-Trichloroethane	1	UJ	1	ug/l
R4AM1W		False	11/10/2002	Field Sample	8260	79-34-5	T	1,1,2,2-Tetrachloroethane	1	U	1	ug/l
R4AM1W		False	11/10/2002	Field Sample	8260	79-00-5	T	1,1,2-Trichloroethane	1	U	1	ug/l
R4AM1W		False	11/10/2002	Field Sample	8260	75-34-3	T	1,1-Dichloroethane	1	U	1	ug/l
R4AM1W		False	11/10/2002	Field Sample	8260	75-35-4	T	1,1-Dichloroethylene	1	U	1	ug/l
R4AM1W		False	11/10/2002	Field Sample	8270	120-82-1	T	1,2,4-Trichlorobenzene	10	U	10	ug/l
R4AM1W		False	11/10/2002	Field Sample	8270	95-50-1	T	1,2-Dichlorobenzene	10	U	10	ug/l
R4AM1W		False	11/10/2002	Field Sample	8260	107-06-2	T	1,2-Dichloroethane	0.31	J	1	ug/l
R4AM1W		False	11/10/2002	Field Sample	8260	540-59-0	T	1,2-Dichloroethene (total)	2	U	2	ug/l
R4AM1W		False	11/10/2002	Field Sample	8260	78-87-5	T	1,2-Dichloropropane	1	U	1	ug/l
R4AM1W		False	11/10/2002	Field Sample	8270	541-73-1	T	1,3-Dichlorobenzene	10	U	10	ug/l
R4AM1W		False	11/10/2002	Field Sample	8270	106-46-7	T	1,4-Dichlorobenzene	10	U	10	ug/l
R4AM1W		False	11/10/2002	Field Sample	8270	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	10	U	10	ug/l
R4AM1W		False	11/10/2002	Field Sample	8151	93-76-5	T	2,4,5-T	0.5	U	0.5	ug/l
R4AM1W		False	11/10/2002	Field Sample	8151	93-72-1	T	2,4,5-TP (Silvex)	0.5	U	0.5	ug/l
R4AM1W		False	11/10/2002	Field Sample	8270	95-95-4	T	2,4,5-Trichlorophenol	10	U	10	ug/l
R4AM1W		False	11/10/2002	Field Sample	8270	88-06-2	T	2,4,6-Trichlorophenol	10	U	10	ug/l
R4AM1W		False	11/10/2002	Field Sample	8151	94-75-7	T	2,4-D	2.5		0.5	ug/l
R4AM1W		False	11/10/2002	Field Sample	8151	94-82-6	T	2,4-DB	0.5	UJ	0.5	ug/l
R4AM1W		False	11/10/2002	Field Sample	8270	120-83-2	T	2,4-Dichlorophenol	1.7	J	10	ug/l
R4AM1W		False	11/10/2002	Field Sample	8270	105-67-9	T	2,4-Dimethylphenol	10	U	10	ug/l
R4AM1W		False	11/10/2002	Field Sample	8270	51-28-5	T	2,4-Dinitrophenol	50	UJ	50	ug/l
R4AM1W		False	11/10/2002	Field Sample	8270	121-14-2	T	2,4-Dinitrotoluene	10	U	10	ug/l
R4AM1W		False	11/10/2002	Field Sample	8270	606-20-2	T	2,6-Dinitrotoluene	10	U	10	ug/l
R4AM1W		False	11/10/2002	Field Sample	8260	78-93-3	T	2-Butanone (MEK)	10	U	10	ug/l
R4AM1W		False	11/10/2002	Field Sample	8270	91-58-7	T	2-Chloronaphthalene	10	U	10	ug/l
R4AM1W		False	11/10/2002	Field Sample	8270	95-57-8	T	2-Chlorophenol	1.4	J	10	ug/l
R4AM1W		False	11/10/2002	Field Sample	8270	91-57-6	T	2-Methylnaphthalene	10	U	10	ug/l
R4AM1W		False	11/10/2002	Field Sample	8270	95-48-7	T	2-Methylphenol (o-Cresol)	10	U	10	ug/l
R4AM1W		False	11/10/2002	Field Sample	8270	88-74-4	T	2-Nitroaniline	50	U	50	ug/l
R4AM1W		False	11/10/2002	Field Sample	8270	88-75-5	T	2-Nitrophenol	10	U	10	ug/l
R4AM1W		False	11/10/2002	Field Sample	8270	91-94-1	T	3,3'-Dichlorobenzidine	20	U	20	ug/l
R4AM1W		False	11/10/2002	Field Sample	8270	108-44-5	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	10	U	10	ug/l
R4AM1W		False	11/10/2002	Field Sample	8270	99-09-2	T	3-Nitroaniline	50	U	50	ug/l
R4AM1W		False	11/10/2002	Field Sample	8081	72-54-8	T	4,4'-DDD	0.1	U	0.1	ug/l
R4AM1W		False	11/10/2002	Field Sample	8081	72-55-9	T	4,4'-DDE	0.1	U	0.1	ug/l
R4AM1W		False	11/10/2002	Field Sample	8081	50-29-3	T	4,4'-DDT	0.1	U	0.1	ug/l
R4AM1W		False	11/10/2002	Field Sample	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	50	U	50	ug/l
R4AM1W		False	11/10/2002	Field Sample	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	10	U	10	ug/l
R4AM1W		False	11/10/2002	Field Sample	8270	59-50-7	T	4-Chloro-3-methylphenol	10	U	10	ug/l
R4AM1W		False	11/10/2002	Field Sample	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	10	U	10	ug/l
R4AM1W		False	11/10/2002	Field Sample	8260	108-10-1	T	4-Methyl-2-pentanone (MIBK)	10	U	10	ug/l
R4AM1W		False	11/10/2002	Field Sample	8270	100-02-7	T	4-Nitrophenol	50	U	50	ug/l
R4AM1W		False	11/10/2002	Field Sample	8270	83-32-9	T	Acenaphthene	10	U	10	ug/l
R4AM1W		False	11/10/2002	Field Sample	8270	208-96-8	T	Acenaphthylene	10	U	10	ug/l
R4AM1W		False	11/10/2002	Field Sample	8260	67-64-1	T	Acetone	25	U	25	ug/l
R4AM1W		False	11/10/2002	Field Sample	8081	309-00-2	T	Aldrin	0.05	U	0.05	ug/l
R4AM1W		False	11/10/2002	Field Sample	8081	319-84-6	T	alpha-BHC	0.05	U	0.05	ug/l
R4AM1W		False	11/10/2002	Field Sample	8081	5103-71-9	T	alpha-Chlordane	0.05	U	0.05	ug/l
R4AM1W-Filtered	R4AM1W	True	11/10/2002	Field Sample	6010	7429-90-5	D	Aluminum	0.0092	J	0.02	mg/l
R4AM1W		False	11/10/2002	Field Sample	6010	7429-90-5	T	Aluminum	0.89	J	0.02	mg/l
R4AM1W		False	11/10/2002	Field Sample	8270	120-12-7	T	Anthracene	10	U	10	ug/l
R4AM1W		False	11/10/2002	Field Sample	6010	7440-36-0	T	Antimony	0.02	U	0.02	mg/l
R4AM1W-Filtered	R4AM1W	True	11/10/2002	Field Sample	6010	7440-36-0	D	Antimony	0.02	UJ	0.02	mg/l
R4AM1W		False	11/10/2002	Field Sample	6010	7440-38-2	T	Arsenic	0.01	U	0.01	mg/l
R4AM1W-Filtered	R4AM1W	True	11/10/2002	Field Sample	6010	7440-38-2	D	Arsenic	0.01	UJ	0.01	mg/l
R4AM1W-Filtered	R4AM1W	True	11/10/2002	Field Sample	6010	7440-39-3	D	Barium	0.052		0.01	mg/l
R4AM1W		False	11/10/2002	Field Sample	6010	7440-39-3	T	Barium	0.065		0.01	mg/l
R4AM1W		False	11/10/2002	Field Sample	8260	71-43-2	T	Benzene	1	U	1	ug/l
R4AM1W		False	11/10/2002	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	10	U	10	ug/l
R4AM1W		False	11/10/2002	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	10	U	10	ug/l
R4AM1W		False	11/10/2002	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	10	U	10	ug/l
R4AM1W		False	11/10/2002	Field Sample	8270	191-24-2	T	Benzo(ghi)perylene	10	U	10	ug/l
R4AM1W		False	11/10/2002	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	10	U	10	ug/l
R4AM1W		False	11/10/2002	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	10	U	10	ug/l
R4AM1W-Filtered	R4AM1W	True	11/10/2002	Field Sample	6010	7440-41-7	D	Beryllium	0.004	U	0.004	mg/l
R4AM1W		False	11/10/2002	Field Sample	6010	7440-41-7	T	Beryllium	0.004	U	0.004	mg/l
R4AM1W		False	11/10/2002	Field Sample	8081	319-85-7	T	beta-BHC	0.05	U	0.05	ug/l
R4AM1W		False	11/10/2002	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	10	U	10	ug/l
R4AM1W		False	11/10/2002	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	10	U	10	ug/l
R4AM1W		False	11/10/2002	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	10	U	10	ug/l
R4AM1W		False	11/10/2002	Field Sample	8260	75-27-4	T	Bromodichloromethane	1	UJ	1	ug/l
R4AM1W		False	11/10/2002	Field Sample	8260	75-25-2	T	Bromoform	1	U	1	ug/l
R4AM1W		False	11/10/2002	Field Sample	8260	74-83-9	T	Bromomethane	1	U	1	ug/l
R4AM1W-Filtered	R4AM1W	True	11/10/2002	Field Sample	6010	7440-43-9	D	Cadmium	0.005	U	0.005	mg/l
R4AM1W		False	11/10/2002	Field Sample	6010	7440-43-9	T	Cadmium	0.005	U	0.005	mg/l
R4AM1W-Filtered	R4AM1W	True	11/10/2002	Field Sample	6010	7440-70-2	D	Calcium	52		0.5	mg/l
R4AM1W		False	11/10/2002	Field Sample	6010	7440-70-2	T	Calcium	54		0.5	mg/l
R4AM1W		False	11/10/2002	Field Sample	8270	86-74-8	T	Carbazole	10	U	10	ug/l
R4AM1W		False	11/10/2002	Field Sample	8260	75-15-0	T	Carbon Disulfide	1	U	1	ug/l
R4AM1W		False	11/10/2002	Field Sample	8260	56-23-5	T	Carbon Tetrachloride	1	UJ	1	ug/l
R4AM1W		False	11/10/2002	Field Sample	8260	108-90-7	T	Chlorobenzene	3.5		1	ug/l
R4AM1W		False	11/10/2002	Field Sample	8260	124-48-1	T	Chlorodibromomethane	1	U	1	ug/l
R4AM1W		False	11/10/2002	Field Sample	8260	75-00-3	T	Chloroethane	1	U	1	ug/l
R4AM1W		False	11/10/2002	Field Sample	8260	67-66-3	T	Chloroform	1	U	1	ug/l
R4AM1W		False	11/10/2002	Field Sample	8260	74-87-3	T	Chloromethane	1	UJ	1	ug/l

Appendix II-C

Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	CAS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R4AU1W		False	11/11/2002	Field Sample	8260	71-55-6	T	1,1,1-Trichloroethane	1	UJ	1	ug/l
R4AU1W		False	11/11/2002	Field Sample	8260	79-34-5	T	1,1,2,2-Tetrachloroethane	1	U	1	ug/l
R4AU1W		False	11/11/2002	Field Sample	8260	79-00-5	T	1,1,2-Trichloroethane	1	U	1	ug/l
R4AU1W		False	11/11/2002	Field Sample	8260	75-34-3	T	1,1-Dichloroethane	1	U	1	ug/l
R4AU1W		False	11/11/2002	Field Sample	8260	75-35-4	T	1,1-Dichloroethylene	1	U	1	ug/l
R4AU1W		False	11/11/2002	Field Sample	8270	120-82-1	T	1,2,4-Trichlorobenzene	10	U	10	ug/l
R4AU1W		False	11/11/2002	Field Sample	8270	95-50-1	T	1,2-Dichlorobenzene	10	U	10	ug/l
R4AU1W		False	11/11/2002	Field Sample	8260	107-06-2	T	1,2-Dichloroethane	0.35	J	1	ug/l
R4AU1W		False	11/11/2002	Field Sample	8260	540-59-0	T	1,2-Dichloroethene (total)	2	U	2	ug/l
R4AU1W		False	11/11/2002	Field Sample	8260	78-87-5	T	1,2-Dichloropropane	1	U	1	ug/l
R4AU1W		False	11/11/2002	Field Sample	8270	541-73-1	T	1,3-Dichlorobenzene	10	U	10	ug/l
R4AU1W		False	11/11/2002	Field Sample	8270	106-46-7	T	1,4-Dichlorobenzene	10	U	10	ug/l
R4AU1W		False	11/11/2002	Field Sample	8270	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	10	U	10	ug/l
R4AU1W		False	11/11/2002	Field Sample	8151	93-76-5	T	2,4,5-T	0.5	U	0.5	ug/l
R4AU1W		False	11/11/2002	Field Sample	8151	93-72-1	T	2,4,5-TP (Silvex)	0.5	U	0.5	ug/l
R4AU1W		False	11/11/2002	Field Sample	8270	95-95-4	T	2,4,5-Trichlorophenol	10	U	10	ug/l
R4AU1W		False	11/11/2002	Field Sample	8270	88-06-2	T	2,4,6-Trichlorophenol	10	U	10	ug/l
R4AU1W		False	11/11/2002	Field Sample	8151	94-75-7	T	2,4-D	2.4		0.5	ug/l
R4AU1W		False	11/11/2002	Field Sample	8151	94-82-6	T	2,4-DB	0.5	U	0.5	ug/l
R4AU1W		False	11/11/2002	Field Sample	8270	120-83-2	T	2,4-Dichlorophenol	1.7	J	10	ug/l
R4AU1W		False	11/11/2002	Field Sample	8270	105-67-9	T	2,4-Dimethylphenol	10	U	10	ug/l
R4AU1W		False	11/11/2002	Field Sample	8270	51-28-5	T	2,4-Dinitrophenol	50	UJ	50	ug/l
R4AU1W		False	11/11/2002	Field Sample	8270	121-14-2	T	2,4-Dinitrotoluene	10	U	10	ug/l
R4AU1W		False	11/11/2002	Field Sample	8270	606-20-2	T	2,6-Dinitrotoluene	10	U	10	ug/l
R4AU1W		False	11/11/2002	Field Sample	8260	78-93-3	T	2-Butanone (MEK)	10	U	10	ug/l
R4AU1W		False	11/11/2002	Field Sample	8270	91-58-7	T	2-Chloronaphthalene	10	U	10	ug/l
R4AU1W		False	11/11/2002	Field Sample	8270	95-57-8	T	2-Chlorophenol	10	U	10	ug/l
R4AU1W		False	11/11/2002	Field Sample	8270	91-57-6	T	2-Methylnaphthalene	10	U	10	ug/l
R4AU1W		False	11/11/2002	Field Sample	8270	95-48-7	T	2-Methylphenol (o-Cresol)	10	U	10	ug/l
R4AU1W		False	11/11/2002	Field Sample	8270	88-74-4	T	2-Nitroaniline	50	U	50	ug/l
R4AU1W		False	11/11/2002	Field Sample	8270	88-75-5	T	2-Nitrophenol	10	U	10	ug/l
R4AU1W		False	11/11/2002	Field Sample	8270	91-94-1	T	3,3'-Dichlorobenzidine	20	U	20	ug/l
R4AU1W		False	11/11/2002	Field Sample	8270	108-44-5	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	10	U	10	ug/l
R4AU1W		False	11/11/2002	Field Sample	8270	99-09-2	T	3-Nitroaniline	50	U	50	ug/l
R4AU1W		False	11/11/2002	Field Sample	8081	72-54-8	T	4,4'-DDD	0.1	U	0.1	ug/l
R4AU1W		False	11/11/2002	Field Sample	8081	72-55-9	T	4,4'-DDE	0.1	U	0.1	ug/l
R4AU1W		False	11/11/2002	Field Sample	8081	50-29-3	T	4,4'-DDT	0.1	U	0.1	ug/l
R4AU1W		False	11/11/2002	Field Sample	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	50	U	50	ug/l
R4AU1W		False	11/11/2002	Field Sample	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	10	U	10	ug/l
R4AU1W		False	11/11/2002	Field Sample	8270	59-50-7	T	4-Chloro-3-methylphenol	10	U	10	ug/l
R4AU1W		False	11/11/2002	Field Sample	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	10	U	10	ug/l
R4AU1W		False	11/11/2002	Field Sample	8260	108-10-1	T	4-Methyl-2-pentanone (MIBK)	10	U	10	ug/l
R4AU1W		False	11/11/2002	Field Sample	8270	100-02-7	T	4-Nitrophenol	50	U	50	ug/l
R4AU1W		False	11/11/2002	Field Sample	8270	83-32-9	T	Acenaphthene	10	U	10	ug/l
R4AU1W		False	11/11/2002	Field Sample	8270	208-96-8	T	Acenaphthylene	10	U	10	ug/l
R4AU1W		False	11/11/2002	Field Sample	8260	67-64-1	T	Acetone	40		18	ug/l
R4AU1W		False	11/11/2002	Field Sample	8081	309-00-2	T	Aldrin	0.05	U	0.05	ug/l
R4AU1W		False	11/11/2002	Field Sample	8081	319-84-6	T	alpha-BHC	0.05	U	0.05	ug/l
R4AU1W		False	11/11/2002	Field Sample	8081	5103-71-9	T	alpha-Chlordane	0.05	U	0.05	ug/l
R4AU1W		False	11/11/2002	Field Sample	6010	7429-90-5	T	Aluminum	0.81	J	0.02	ug/l
R4AU1W-Filtered	R4AU1W	True	11/11/2002	Field Sample	6010	7429-90-5	D	Aluminum	0.2	U	0.2	ug/l
R4AU1W		False	11/11/2002	Field Sample	8270	120-12-7	T	Anthracene	10	U	10	ug/l
R4AU1W		False	11/11/2002	Field Sample	6010	7440-36-0	T	Antimony	0.02	U	0.02	ug/l
R4AU1W-Filtered	R4AU1W	True	11/11/2002	Field Sample	6010	7440-36-0	D	Antimony	0.02	UJ	0.02	ug/l
R4AU1W		False	11/11/2002	Field Sample	6010	7440-38-2	T	Arsenic	0.0036	J	0.01	ug/l
R4AU1W-Filtered	R4AU1W	True	11/11/2002	Field Sample	6010	7440-38-2	D	Arsenic	0.01	UJ	0.01	ug/l
R4AU1W-Filtered	R4AU1W	True	11/11/2002	Field Sample	6010	7440-39-3	D	Barium	0.053		0.01	ug/l
R4AU1W		False	11/11/2002	Field Sample	6010	7440-39-3	T	Barium	0.082		0.01	ug/l
R4AU1W		False	11/11/2002	Field Sample	8260	71-43-2	T	Benzene	1	U	1	ug/l
R4AU1W		False	11/11/2002	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	10	U	10	ug/l
R4AU1W		False	11/11/2002	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	10	U	10	ug/l
R4AU1W		False	11/11/2002	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	10	U	10	ug/l
R4AU1W		False	11/11/2002	Field Sample	8270	191-24-2	T	Benzo(g,h,i)perylene	10	U	10	ug/l
R4AU1W		False	11/11/2002	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	10	U	10	ug/l
R4AU1W		False	11/11/2002	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	10	U	10	ug/l
R4AU1W-Filtered	R4AU1W	True	11/11/2002	Field Sample	6010	7440-41-7	D	Beryllium	0.004	U	0.004	ug/l
R4AU1W		False	11/11/2002	Field Sample	6010	7440-41-7	T	Beryllium	0.004	U	0.004	ug/l
R4AU1W		False	11/11/2002	Field Sample	8081	319-85-7	T	beta-BHC	0.05	U	0.05	ug/l
R4AU1W		False	11/11/2002	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	10	U	10	ug/l
R4AU1W		False	11/11/2002	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	10	U	10	ug/l
R4AU1W		False	11/11/2002	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	10	U	10	ug/l
R4AU1W		False	11/11/2002	Field Sample	8260	75-27-4	T	Bromodichloromethane	1	UJ	1	ug/l
R4AU1W		False	11/11/2002	Field Sample	8260	75-25-2	T	Bromoform	1	U	1	ug/l
R4AU1W		False	11/11/2002	Field Sample	8260	74-83-9	T	Bromomethane	1	U	1	ug/l
R4AU1W-Filtered	R4AU1W	True	11/11/2002	Field Sample	6010	7440-43-9	D	Cadmium	0.005	U	0.005	ug/l
R4AU1W		False	11/11/2002	Field Sample	6010	7440-43-9	T	Cadmium	0.005	U	0.005	ug/l
R4AU1W-Filtered	R4AU1W	True	11/11/2002	Field Sample	6010	7440-70-2	D	Calcium	53		0.5	ug/l
R4AU1W		False	11/11/2002	Field Sample	6010	7440-70-2	T	Calcium	52		0.5	ug/l
R4AU1W		False	11/11/2002	Field Sample	8270	86-74-8	T	Carbazole	10	U	10	ug/l
R4AU1W		False	11/11/2002	Field Sample	8260	75-15-0	T	Carbon Disulfide	1	U	1	ug/l
R4AU1W		False	11/11/2002	Field Sample	8260	56-23-5	T	Carbon Tetrachloride	1	UJ	1	ug/l
R4AU1W		False	11/11/2002	Field Sample	8260	108-90-7	T	Chlorobenzene	2.9		1	ug/l
R4AU1W		False	11/11/2002	Field Sample	8260	124-48-1	T	Chlorodibromomethane	1	U	1	ug/l
R4AU1W		False	11/11/2002	Field Sample	8260	75-00-3	T	Chloroethane	1	U	1	ug/l
R4AU1W		False	11/11/2002	Field Sample	8260	67-66-3	T	Chloroform	1	U	1	ug/l
R4AU1W		False	11/11/2002	Field Sample	8260	74-87-3	T	Chloromethane	0.98	J	0.5	ug/l
R4AU1W-Filtered	R4AU1W	True	11/11/2002	Field Sample	6010	7440-47-3	D	Chromium	0.01	U	0.01	ug/l
R4AU1W		False	11/11/2002	Field Sample	6010	7440-47-3	T	Chromium	0.01	U	0.01	ug/l
R4AU1W		False	11/11/2002	Field Sample	8270	218-01-9	T	Chrysene	10	U	10	ug/l
R4AU1W		False	11/11/2002	Field Sample	8260	10061-01-5	T	cis-1,3-Dichloropropene	1	U	1	ug/l
R4AU1W-Filtered	R4AU1W	True	11/11/2002	Field Sample	6010	7440-48-4	D	Cobalt	0.01	U	0.01	ug/l
R4AU1W		False	11/11/2002	Field Sample	6010	7440-48-4	T	Cobalt	0.01	U	0.01	ug/l
R4AU1W-Filtered	R4AU1W	True	11/11/2002	Field Sample	6010	7440-50-8	D	Copper	0.02	U	0.02	ug/l
R4AU1W		False	11/11/2002	Field Sample	6010	7440-50-8	T	Copper	0.01	U	0.01	ug/l
R4AU1W		False	11/11/2002	Field Sample	8151	75-99-0	T	Dalapon	120	U	120	ug/l
R4AU1W		False	11/11/2002	Field Sample	680	2051-24-3	T	Decachlorobiphenyl	0.5	U	0.5	ug/l
R4AU1W		False	11/11/2002	Field Sample	8081	319-86-8	T	delta-BHC	0.05	U	0.05	ug/l
R4AU1W		False	11/11/2002	Field Sample	8270	53-70-3	T	Dibenzo(a,h)anthracene	10	U	10	ug/l
R4AU1W		False	11/11/2002	Field Sample	8270	132-64-9	T	Dibenzofuran	10	U	10	ug/l
R4AU1W		False	11/11/2002	Field Sample	8151	1918-00-9	T	Dicamba	1.2	U	1.2	ug/l
R4AU1W		False	11/11/2002	Field Sample	680	C-DICHLORO8I	T	Dichlorobiphenyl	0.1	U	0.1	ug/l
R4AU1W		False	11/11/2002	Field Sample	8260	75-09-2	T	Dichloromethane	5	U	5	ug/l
R4AU1W		False	11/11/2002	Field Sample	8151	120-36-5	T	Dichlorprop	0.66	J	6	ug/l
R4AU1W		False	11/11/2002	Field Sample	8081	60-57-1	T	Dieldrin	0.1	U	0.1	ug/l
R4AU1W		False	11/11/2002	Field Sample	8270	84-66-2	T	Diethyl Phthalate	10	U	10	ug/l
R4AU1W		False	11/11/2002	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	10	U	10	ug/l

Appendix II-C

Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units

Appendix II-C

Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R4BD1W		False	11/10/2002	Field Sample	8270	606-20-2	T	2,6-Dinitrotoluene	10	U	10	ug/l
R4BD1W		False	11/10/2002	Field Sample	8260	78-93-3	T	2-Butanone (MEK)	10	U	10	ug/l
R4BD1W		False	11/10/2002	Field Sample	8270	91-58-7	T	2-Chloronaphthalene	10	U	10	ug/l
R4BD1W		False	11/10/2002	Field Sample	8270	95-57-8	T	2-Chlorophenol	10	U	10	ug/l
R4BD1W		False	11/10/2002	Field Sample	8270	91-57-6	T	2-Methylnaphthalene	10	U	10	ug/l
R4BD1W		False	11/10/2002	Field Sample	8270	95-48-7	T	2-Methylphenol (o-Cresol)	10	U	10	ug/l
R4BD1W		False	11/10/2002	Field Sample	8270	88-74-4	T	2-Nitroaniline	50	U	50	ug/l
R4BD1W		False	11/10/2002	Field Sample	8270	88-75-5	T	2-Nitrophenol	10	U	10	ug/l
R4BD1W		False	11/10/2002	Field Sample	8270	91-94-1	T	3,3'-Dichlorobenzidine	20	U	20	ug/l
R4BD1W		False	11/10/2002	Field Sample	8270	106-44-5	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	10	U	10	ug/l
R4BD1W		False	11/10/2002	Field Sample	8270	99-09-2	T	3-Nitroaniline	50	U	50	ug/l
R4BD1W		False	11/10/2002	Field Sample	8081	72-54-8	T	4,4'-DDD	0.1	U	0.1	ug/l
R4BD1W		False	11/10/2002	Field Sample	8081	72-55-9	T	4,4'-DDE	0.1	U	0.1	ug/l
R4BD1W		False	11/10/2002	Field Sample	8081	50-29-3	T	4,4'-DDT	0.1	U	0.1	ug/l
R4BD1W		False	11/10/2002	Field Sample	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	50	U	50	ug/l
R4BD1W		False	11/10/2002	Field Sample	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	10	U	10	ug/l
R4BD1W		False	11/10/2002	Field Sample	8270	59-50-7	T	4-Chloro-3-methylphenol	10	U	10	ug/l
R4BD1W		False	11/10/2002	Field Sample	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	10	U	10	ug/l
R4BD1W		False	11/10/2002	Field Sample	8260	108-10-1	T	4-Methyl-2-pentanone (MIBK)	10	U	10	ug/l
R4BD1W		False	11/10/2002	Field Sample	8270	100-02-7	T	4-Nitrophenol	50	U	50	ug/l
R4BD1W		False	11/10/2002	Field Sample	8270	83-32-9	T	Acenaphthene	10	U	10	ug/l
R4BD1W		False	11/10/2002	Field Sample	8270	208-96-8	T	Acenaphthylene	10	U	10	ug/l
R4BD1W		False	11/10/2002	Field Sample	8260	67-64-1	T	Acetone	25	U	25	ug/l
R4BD1W		False	11/10/2002	Field Sample	8081	309-00-2	T	Aldrin	0.05	U	0.05	ug/l
R4BD1W		False	11/10/2002	Field Sample	8081	319-84-6	T	alpha-BHC	0.05	U	0.05	ug/l
R4BD1W		False	11/10/2002	Field Sample	8081	5103-71-9	T	alpha-Chlordane	0.05	U	0.05	ug/l
R4BD1W-Filtered	R4BD1W	True	11/10/2002	Field Sample	6010	7429-90-5	D	Aluminum	0.0079	J	0.02	mg/l
R4BD1W		False	11/10/2002	Field Sample	6010	7429-90-5	T	Aluminum	0.91	J	0.02	mg/l
R4BD1W		False	11/10/2002	Field Sample	8270	120-12-7	T	Anthracene	10	U	10	ug/l
R4BD1W		False	11/10/2002	Field Sample	6010	7440-36-0	T	Antimony	0.02	U	0.02	mg/l
R4BD1W-Filtered	R4BD1W	True	11/10/2002	Field Sample	6010	7440-36-0	D	Antimony	0.02	UJ	0.02	mg/l
R4BD1W		False	11/10/2002	Field Sample	6010	7440-38-2	T	Arsenic	0.01	U	0.01	mg/l
R4BD1W-Filtered	R4BD1W	True	11/10/2002	Field Sample	6010	7440-38-2	D	Arsenic	0.01	UJ	0.01	mg/l
R4BD1W-Filtered	R4BD1W	True	11/10/2002	Field Sample	6010	7440-39-3	D	Barium	0.052		0.01	mg/l
R4BD1W		False	11/10/2002	Field Sample	6010	7440-39-3	T	Barium	0.053		0.01	mg/l
R4BD1W		False	11/10/2002	Field Sample	8260	71-43-2	T	Benzene	1	U	1	ug/l
R4BD1W		False	11/10/2002	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	10	U	10	ug/l
R4BD1W		False	11/10/2002	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	10	U	10	ug/l
R4BD1W		False	11/10/2002	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	10	U	10	ug/l
R4BD1W		False	11/10/2002	Field Sample	8270	191-24-2	T	Benzo(g,h,i)perylene	10	U	10	ug/l
R4BD1W		False	11/10/2002	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	10	U	10	ug/l
R4BD1W		False	11/10/2002	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	10	U	10	ug/l
R4BD1W-Filtered	R4BD1W	True	11/10/2002	Field Sample	6010	7440-41-7	D	Beryllium	0.004	U	0.004	mg/l
R4BD1W		False	11/10/2002	Field Sample	6010	7440-41-7	T	Beryllium	0.004	U	0.004	mg/l
R4BD1W		False	11/10/2002	Field Sample	8081	319-85-7	T	beta-BHC	0.05	U	0.05	ug/l
R4BD1W		False	11/10/2002	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	10	U	10	ug/l
R4BD1W		False	11/10/2002	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	10	U	10	ug/l
R4BD1W		False	11/10/2002	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	10	U	10	ug/l
R4BD1W		False	11/10/2002	Field Sample	8260	75-27-4	T	Bromodichloromethane	1	UJ	1	ug/l
R4BD1W		False	11/10/2002	Field Sample	8260	75-25-2	T	Bromoform	1	U	1	ug/l
R4BD1W		False	11/10/2002	Field Sample	8260	74-83-9	T	Bromomethane	1	U	1	ug/l
R4BD1W-Filtered	R4BD1W	True	11/10/2002	Field Sample	6010	7440-43-9	D	Cadmium	0.005	U	0.005	mg/l
R4BD1W		False	11/10/2002	Field Sample	6010	7440-43-9	T	Cadmium	0.005	U	0.005	mg/l
R4BD1W-Filtered	R4BD1W	True	11/10/2002	Field Sample	6010	7440-70-2	D	Calcium	51		0.5	mg/l
R4BD1W		False	11/10/2002	Field Sample	6010	7440-70-2	T	Calcium	52		0.5	mg/l
R4BD1W		False	11/10/2002	Field Sample	8270	86-74-8	T	Carbazole	10	U	10	ug/l
R4BD1W		False	11/10/2002	Field Sample	8260	75-15-0	T	Carbon Disulfide	0.31	J	1	ug/l
R4BD1W		False	11/10/2002	Field Sample	8260	56-23-5	T	Carbon Tetrachloride	1	UJ	1	ug/l
R4BD1W		False	11/10/2002	Field Sample	8260	108-90-7	T	Chlorobenzene	0.97	J	1	ug/l
R4BD1W		False	11/10/2002	Field Sample	8260	124-48-1	T	Chlorodibromomethane	1	U	1	ug/l
R4BD1W		False	11/10/2002	Field Sample	8260	75-00-3	T	Chloroethane	1	U	1	ug/l
R4BD1W		False	11/10/2002	Field Sample	8260	67-66-3	T	Chloroform	1	U	1	ug/l
R4BD1W		False	11/10/2002	Field Sample	8260	74-87-3	T	Chloromethane	1	UJ	1	ug/l
R4BD1W-Filtered	R4BD1W	True	11/10/2002	Field Sample	6010	7440-47-3	D	Chromium	0.01	U	0.01	mg/l
R4BD1W		False	11/10/2002	Field Sample	6010	7440-47-3	T	Chromium	0.01	U	0.01	mg/l
R4BD1W		False	11/10/2002	Field Sample	8270	218-01-9	T	Chrysene	10	U	10	ug/l
R4BD1W		False	11/10/2002	Field Sample	8260	10061-01-5	T	cis-1,3-Dichloropropene	1	U	1	ug/l
R4BD1W		False	11/10/2002	Field Sample	6010	7440-48-4	T	Cobalt	0.00077	J	0.01	mg/l
R4BD1W-Filtered	R4BD1W	True	11/10/2002	Field Sample	6010	7440-48-4	D	Cobalt	0.01	U	0.01	mg/l
R4BD1W-Filtered	R4BD1W	True	11/10/2002	Field Sample	6010	7440-50-8	D	Copper	0.02	U	0.02	mg/l
R4BD1W		False	11/10/2002	Field Sample	6010	7440-50-8	T	Copper	0.01	U	0.01	mg/l
R4BD1W		False	11/10/2002	Field Sample	8151	75-99-0	T	Dalapon	120	U	120	ug/l
R4BD1W		False	11/10/2002	Field Sample	680	2051-24-3	T	Decachlorobiphenyl	0.5	U	0.5	ug/l
R4BD1W		False	11/10/2002	Field Sample	8081	319-86-8	T	delta-BHC	0.05	U	0.05	ug/l
R4BD1W		False	11/10/2002	Field Sample	8270	53-70-3	T	Dibenzo(a,h)anthracene	10	U	10	ug/l
R4BD1W		False	11/10/2002	Field Sample	8270	132-64-9	T	Dibenzofuran	10	U	10	ug/l
R4BD1W		False	11/10/2002	Field Sample	8151	1918-00-9	T	Dicamba	1.2	U	1.2	ug/l
R4BD1W		False	11/10/2002	Field Sample	680	C-DICHLOROB	T	Dichlorobiphenyl	0.1	U	0.1	ug/l
R4BD1W		False	11/10/2002	Field Sample	8260	75-09-2	T	Dichloromethane	5	U	5	ug/l
R4BD1W		False	11/10/2002	Field Sample	8151	120-36-5	T	Dichlorprop	6	U	6	ug/l
R4BD1W		False	11/10/2002	Field Sample	8081	60-57-1	T	Dieldrin	0.1	U	0.1	ug/l
R4BD1W		False	11/10/2002	Field Sample	8270	84-66-2	T	Diethyl Phthalate	10	U	10	ug/l
R4BD1W		False	11/10/2002	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	10	U	10	ug/l
R4BD1W		False	11/10/2002	Field Sample	8270	84-74-2	T	Di-n-butylphthalate	10	U	10	ug/l
R4BD1W		False	11/10/2002	Field Sample	8270	117-84-0	T	Di-n-octylphthalate	10	U	10	ug/l
R4BD1W		False	11/10/2002	Field Sample	8270	88-85-7	T	Dinoseb	10	UJ	10	ug/l
R4BD1W		False	11/10/2002	Field Sample	8081	959-98-8	T	Endosulfan I	0.05	U	0.05	ug/l
R4BD1W		False	11/10/2002	Field Sample	8081	33213-65-9	T	Endosulfan II	0.1	U	0.1	ug/l
R4BD1W		False	11/10/2002	Field Sample	8081	1031-07-8	T	Endosulfan Sulfate	0.1	U	0.1	ug/l
R4BD1W		False	11/10/2002	Field Sample	8081	72-20-8	T	Endrin	0.1	U	0.1	ug/l
R4BD1W		False	11/10/2002	Field Sample	8081	7421-93-4	T	Endrin Aldehyde	0.1	U	0.1	ug/l
R4BD1W		False	11/10/2002	Field Sample	8081	53494-70-5	T	Endrin Ketone	0.1	U	0.1	ug/l
R4BD1W		False	11/10/2002	Field Sample	8260	100-41-4	T	Ethylbenzene	1	U	1	ug/l
R4BD1W		False	11/10/2002	Field Sample	8270	206-44-0	T	Fluoranthene	10	U	10	ug/l
R4BD1W		False	11/10/2002	Field Sample	8270	86-73-7	T	Fluorene	10	U	10	ug/l
R4BD1W		False	11/10/2002	Field Sample	8081	58-89-9	T	gamma-BHC (Lindane)	0.05	U	0.05	ug/l
R4BD1W		False	11/10/2002	Field Sample	8081	5103-74-2	T	gamma-Chlordane	0.05	U	0.05	ug/l
R4BD1W		False	11/10/2002	Field Sample	130.2	S-11778	T	Hardness, Carbonate	230		200	mg/l as Ca
R4BD1W		False	11/10/2002	Field Sample	8081	76-44-8	T	Heptachlor	0.05	U	0.05	ug/l
R4BD1W		False	11/10/2002	Field Sample	8081	1024-57-3	T	Heptachlor Epoxide	0.05	U	0.05	ug/l
R4BD1W		False	11/10/2002	Field Sample	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	0.3	U	0.3	ug/l
R4BD1W		False	11/10/2002	Field Sample	8270	118-74-1	T	Hexachlorobenzene	10	U	10	ug/l
R4BD1W		False	11/10/2002	Field Sample	680	C-HEXACHLORO	T	Hexachlorobiphenyl	0.2	U	0.2	ug/l
R4BD1W		False	11/10/2002	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	10	U	10	ug/l
R4BD1W		False	11/10/2002	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	10	U	10	ug/l

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Saugat Area 2 Sites

Field Sample ID	Parent Sample	Matrix	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
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Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R4BM1W		False	11/11/2002	Field Sample	8270	91-94-1	T	3,3'-Dichlorobenzidine	20	U	20	ug/l
R4BM1W		False	11/11/2002	Field Sample	8270	106-44-5	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	10	U	10	ug/l
R4BM1W		False	11/11/2002	Field Sample	8270	99-09-2	T	3-Nitroaniline	50	U	50	ug/l
R4BM1W		False	11/11/2002	Field Sample	8081	72-54-8	T	4,4'-DDD	0.1	U	0.1	ug/l
R4BM1W		False	11/11/2002	Field Sample	8081	72-55-9	T	4,4'-DDE	0.1	U	0.1	ug/l
R4BM1W		False	11/11/2002	Field Sample	8081	50-29-3	T	4,4'-DDT	0.1	U	0.1	ug/l
R4BM1W		False	11/11/2002	Field Sample	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	50	U	50	ug/l
R4BM1W		False	11/11/2002	Field Sample	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	10	U	10	ug/l
R4BM1W		False	11/11/2002	Field Sample	8270	59-50-7	T	4-Chloro-3-methylphenol	10	U	10	ug/l
R4BM1W		False	11/11/2002	Field Sample	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	10	U	10	ug/l
R4BM1W		False	11/11/2002	Field Sample	8260	108-10-1	T	4-Methyl-2-pentanone (MIBK)	10	U	10	ug/l
R4BM1W		False	11/11/2002	Field Sample	8270	100-02-7	T	4-Nitrophenol	50	U	50	ug/l
R4BM1W		False	11/11/2002	Field Sample	8270	83-32-9	T	Acenaphthene	10	U	10	ug/l
R4BM1W		False	11/11/2002	Field Sample	8270	208-96-8	T	Acenaphthylene	10	U	10	ug/l
R4BM1W		False	11/11/2002	Field Sample	8260	67-64-1	T	Acetone	25	U	25	ug/l
R4BM1W		False	11/11/2002	Field Sample	8081	309-00-2	T	Aldrin	0.05	U	0.05	ug/l
R4BM1W		False	11/11/2002	Field Sample	8081	319-84-6	T	alpha-BHC	0.05	U	0.05	ug/l
R4BM1W		False	11/11/2002	Field Sample	8081	5103-71-9	T	alpha-Chlordane	0.05	U	0.05	ug/l
R4BM1W		False	11/11/2002	Field Sample	6010	7429-90-5	T	Aluminum	0.77	J	0.02	mg/l
R4BM1W-Filtered	R4BM1W	True	11/11/2002	Field Sample	6010	7429-90-5	D	Aluminum	0.2	U	0.2	mg/l
R4BM1W		False	11/11/2002	Field Sample	8270	120-12-7	T	Anthracene	10	U	10	ug/l
R4BM1W		False	11/11/2002	Field Sample	6010	7440-36-0	T	Antimony	0.02	U	0.02	mg/l
R4BM1W-Filtered	R4BM1W	True	11/11/2002	Field Sample	6010	7440-36-0	D	Antimony	0.02	UJ	0.02	mg/l
R4BM1W		False	11/11/2002	Field Sample	6010	7440-38-2	T	Arsenic	0.01	U	0.01	mg/l
R4BM1W-Filtered	R4BM1W	True	11/11/2002	Field Sample	6010	7440-38-2	D	Arsenic	0.01	UJ	0.01	mg/l
R4BM1W-Filtered	R4BM1W	True	11/11/2002	Field Sample	6010	7440-39-3	D	Barium	0.061		0.01	mg/l
R4BM1W		False	11/11/2002	Field Sample	6010	7440-39-3	T	Barium	0.061		0.01	mg/l
R4BM1W		False	11/11/2002	Field Sample	8260	71-43-2	T	Benzene	1	U	1	ug/l
R4BM1W		False	11/11/2002	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	10	U	10	ug/l
R4BM1W		False	11/11/2002	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	10	U	10	ug/l
R4BM1W		False	11/11/2002	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	10	U	10	ug/l
R4BM1W		False	11/11/2002	Field Sample	8270	191-24-2	T	Benzo(g,h,i)perylene	10	U	10	ug/l
R4BM1W		False	11/11/2002	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	10	U	10	ug/l
R4BM1W		False	11/11/2002	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	10	U	10	ug/l
R4BM1W-Filtered	R4BM1W	True	11/11/2002	Field Sample	6010	7440-41-7	D	Beryllium	0.004	U	0.004	mg/l
R4BM1W		False	11/11/2002	Field Sample	6010	7440-41-7	T	Beryllium	0.004	U	0.004	mg/l
R4BM1W		False	11/11/2002	Field Sample	8081	319-85-7	T	beta-BHC	0.05	U	0.05	ug/l
R4BM1W		False	11/11/2002	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	10	U	10	ug/l
R4BM1W		False	11/11/2002	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	10	U	10	ug/l
R4BM1W		False	11/11/2002	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	10	U	10	ug/l
R4BM1W		False	11/11/2002	Field Sample	8260	75-27-4	T	Bromodichloromethane	1	UJ	1	ug/l
R4BM1W		False	11/11/2002	Field Sample	8260	75-25-2	T	Bromoform	1	U	1	ug/l
R4BM1W		False	11/11/2002	Field Sample	8260	74-83-9	T	Bromomethane	1	U	1	ug/l
R4BM1W-Filtered	R4BM1W	True	11/11/2002	Field Sample	6010	7440-43-9	D	Cadmium	0.005	U	0.005	mg/l
R4BM1W		False	11/11/2002	Field Sample	6010	7440-43-9	T	Cadmium	0.005	U	0.005	mg/l
R4BM1W-Filtered	R4BM1W	True	11/11/2002	Field Sample	6010	7440-70-2	D	Calcium	51		0.5	mg/l
R4BM1W		False	11/11/2002	Field Sample	6010	7440-70-2	T	Calcium	53		0.5	mg/l
R4BM1W		False	11/11/2002	Field Sample	8270	86-74-8	T	Carbazole	10	U	10	ug/l
R4BM1W		False	11/11/2002	Field Sample	8260	75-15-0	T	Carbon Disulfide	1	U	1	ug/l
R4BM1W		False	11/11/2002	Field Sample	8260	56-23-5	T	Carbon Tetrachloride	1	UJ	1	ug/l
R4BM1W		False	11/11/2002	Field Sample	8260	108-90-7	T	Chlorobenzene	2.2		1	ug/l
R4BM1W		False	11/11/2002	Field Sample	8260	124-48-1	T	Chlorodibromomethane	1	U	1	ug/l
R4BM1W		False	11/11/2002	Field Sample	8260	75-00-3	T	Chloroethane	1	U	1	ug/l
R4BM1W		False	11/11/2002	Field Sample	8260	67-66-3	T	Chloroform	1	U	1	ug/l
R4BM1W		False	11/11/2002	Field Sample	8260	74-87-3	T	Chloromethane	1	UJ	1	ug/l
R4BM1W-Filtered	R4BM1W	True	11/11/2002	Field Sample	6010	7440-47-3	D	Chromium	0.01	U	0.01	mg/l
R4BM1W		False	11/11/2002	Field Sample	6010	7440-47-3	T	Chromium	0.01	U	0.01	mg/l
R4BM1W		False	11/11/2002	Field Sample	8270	218-01-9	T	Chrysene	10	U	10	ug/l
R4BM1W		False	11/11/2002	Field Sample	8260	10061-01-5	T	cis-1,3-Dichloropropene	1	U	1	ug/l
R4BM1W-Filtered	R4BM1W	True	11/11/2002	Field Sample	6010	7440-48-4	D	Cobalt	0.01	U	0.01	mg/l
R4BM1W		False	11/11/2002	Field Sample	6010	7440-48-4	T	Cobalt	0.01	U	0.01	mg/l
R4BM1W-Filtered	R4BM1W	True	11/11/2002	Field Sample	6010	7440-50-8	D	Copper	0.02	U	0.02	mg/l
R4BM1W		False	11/11/2002	Field Sample	6010	7440-50-8	T	Copper	0.02	U	0.02	mg/l
R4BM1W		False	11/11/2002	Field Sample	8151	75-99-0	T	Dalapon	120	U	120	ug/l
R4BM1W		False	11/11/2002	Field Sample	680	2051-24-3	T	Decachlorobiphenyl	0.5	U	0.5	ug/l
R4BM1W		False	11/11/2002	Field Sample	8081	319-86-8	T	delta-BHC	0.05	U	0.05	ug/l
R4BM1W		False	11/11/2002	Field Sample	8270	53-70-3	T	Dibenz(a,h)anthracene	10	U	10	ug/l
R4BM1W		False	11/11/2002	Field Sample	8270	132-64-9	T	Dibenzofuran	10	U	10	ug/l
R4BM1W		False	11/11/2002	Field Sample	8151	1918-00-9	T	Dicamba	1.2	U	1.2	ug/l
R4BM1W		False	11/11/2002	Field Sample	680	C-DICHLORDBI	T	Dichlorobiphenyl	0.1	U	0.1	ug/l
R4BM1W		False	11/11/2002	Field Sample	8260	75-09-2	T	Dichloromethane	5	U	5	ug/l
R4BM1W		False	11/11/2002	Field Sample	8151	120-36-5	T	Dichlorprop	0.41	J	6	ug/l
R4BM1W		False	11/11/2002	Field Sample	8081	60-57-1	T	Dieldrin	0.1	U	0.1	ug/l
R4BM1W		False	11/11/2002	Field Sample	8270	84-66-2	T	Diethyl Phthalate	10	U	10	ug/l
R4BM1W		False	11/11/2002	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	10	U	10	ug/l
R4BM1W		False	11/11/2002	Field Sample	8270	84-74-2	T	Di-n-butylphthalate	10	U	10	ug/l
R4BM1W		False	11/11/2002	Field Sample	8270	117-84-0	T	Di-n-octylphthalate	10	U	10	ug/l
R4BM1W		False	11/11/2002	Field Sample	8270	88-85-7	T	Dinoseb	10	UJ	10	ug/l
R4BM1W		False	11/11/2002	Field Sample	8081	959-98-8	T	Endosulfan I	0.05	U	0.05	ug/l
R4BM1W		False	11/11/2002	Field Sample	8081	33213-65-9	T	Endosulfan II	0.1	U	0.1	ug/l
R4BM1W		False	11/11/2002	Field Sample	8081	1031-07-8	T	Endosulfan Sulfate	0.1	U	0.1	ug/l
R4BM1W		False	11/11/2002	Field Sample	8081	72-20-8	T	Endrin	0.1	U	0.1	ug/l
R4BM1W		False	11/11/2002	Field Sample	8081	7421-93-4	T	Endrin Aldehyde	0.1	U	0.1	ug/l
R4BM1W		False	11/11/2002	Field Sample	8081	53494-70-5	T	Endrin Ketone	0.1	U	0.1	ug/l
R4BM1W		False	11/11/2002	Field Sample	8260	100-41-4	T	Ethylbenzene	1	U	1	ug/l
R4BM1W		False	11/11/2002	Field Sample	8270	206-44-0	T	Fluoranthene	10	U	10	ug/l
R4BM1W		False	11/11/2002	Field Sample	8270	86-73-7	T	Fluorene	10	U	10	ug/l
R4BM1W		False	11/11/2002	Field Sample	8081	58-89-9	T	gamma-BHC (Lindane)	0.05	U	0.05	ug/l
R4BM1W		False	11/11/2002	Field Sample	8081	5103-74-2	T	gamma-Chlordane	0.05	U	0.05	ug/l
R4BM1W		False	11/11/2002	Field Sample	130.2	5-11778	T	Hardness, Carbonate	270		200	mg/l as Ca
R4BM1W		False	11/11/2002	Field Sample	8081	76-44-8	T	Heptachlor	0.05	U	0.05	ug/l
R4BM1W		False	11/11/2002	Field Sample	8081	1024-57-3	T	Heptachlor Epoxide	0.05	U	0.05	ug/l
R4BM1W		False	11/11/2002	Field Sample	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	0.3	U	0.3	ug/l
R4BM1W		False	11/11/2002	Field Sample	8270	118-74-1	T	Hexachlorobenzene	10	U	10	ug/l
R4BM1W		False	11/11/2002	Field Sample	680	C-HEXACHLORO	T	Hexachlorobiphenyl	0.2	U	0.2	ug/l
R4BM1W		False	11/11/2002	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	10	U	10	ug/l
R4BM1W		False	11/11/2002	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	10	U	10	ug/l
R4BM1W		False	11/11/2002	Field Sample	8270	67-72-1	T	Hexachloroethane	10	U	10	ug/l
R4BM1W		False	11/11/2002	Field Sample	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	10	U	10	ug/l
R4BM1W-Filtered	R4BM1W	True	11/11/2002	Field Sample	6010	7439-89-6	D	Iron	0.043	J	0.05	mg/l
R4BM1W		False	11/11/2002	Field Sample	6010	7439-89-6	T	Iron	1.1		0.05	mg/l
R4BM1W		False	11/11/2002	Field Sample	8270	78-59-1	T	Isophorone	10	U	10	ug/l
R4BM1W		False	11/11/2002	Field Sample	6010	7439-92-1	T	Lead	0.0049	J	0.005	mg/l

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Lead	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Magnesium	22		0.5	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Magnesium	21		0.5	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Manganese	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]		[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Mercury	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
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[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	4	J	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	1	U	1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
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[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Potassium	[illegible]		[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Potassium	[illegible]		[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Selenium	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Selenium	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Silver	[illegible]	U	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Sodium	[illegible]	J	[illegible]	[illegible]
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[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
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[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
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[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R4BU1W		False	11/11/2002	Field Sample	8270	83-32-9	T	Acenaphthene	10	U	10	ug/l
R4BU1W		False	11/11/2002	Field Sample	8270	208-96-8	T	Acenaphthylene	10	U	10	ug/l
R4BU1W		False	11/11/2002	Field Sample	8260	67-64-1	T	Acetone	25	U	25	ug/l
R4BU1W		False	11/11/2002	Field Sample	8081	309-00-2	T	Aldrin	0.05	U	0.05	ug/l
R4BU1W		False	11/11/2002	Field Sample	8081	319-84-6	T	alpha-BHC	0.05	U	0.05	ug/l
R4BU1W		False	11/11/2002	Field Sample	8081	5103-71-9	T	alpha-Chlordane	0.05	U	0.05	ug/l
R4BU1W		False	11/11/2002	Field Sample	6010	7429-90-5	T	Aluminum	0.7	J	0.02	mg/l
R4BU1W-Filtered	R4BU1W	True	11/11/2002	Field Sample	6010	7429-90-5	D	Aluminum	0.2	U	0.2	mg/l
R4BU1W		False	11/11/2002	Field Sample	8270	120-12-7	T	Anthracene	10	U	10	ug/l
R4BU1W		False	11/11/2002	Field Sample	6010	7440-36-0	T	Antimony	0.02	U	0.02	mg/l
R4BU1W-Filtered	R4BU1W	True	11/11/2002	Field Sample	6010	7440-36-0	D	Antimony	0.02	UJ	0.02	mg/l
R4BU1W		False	11/11/2002	Field Sample	6010	7440-38-2	T	Arsenic	0.01	U	0.01	mg/l
R4BU1W-Filtered	R4BU1W	True	11/11/2002	Field Sample	6010	7440-38-2	D	Arsenic	0.01	UJ	0.01	mg/l
R4BU1W-Filtered	R4BU1W	True	11/11/2002	Field Sample	6010	7440-39-3	D	Barium	0.052		0.01	mg/l
R4BU1W		False	11/11/2002	Field Sample	6010	7440-39-3	T	Barium	0.064		0.01	mg/l
R4BU1W		False	11/11/2002	Field Sample	8260	71-43-2	T	Benzene	1	U	1	ug/l
R4BU1W		False	11/11/2002	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	10	U	10	ug/l
R4BU1W		False	11/11/2002	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	10	U	10	ug/l
R4BU1W		False	11/11/2002	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	10	U	10	ug/l
R4BU1W		False	11/11/2002	Field Sample	8270	191-24-2	T	Benzo(g,h,i)perylene	10	U	10	ug/l
R4BU1W		False	11/11/2002	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	10	U	10	ug/l
R4BU1W		False	11/11/2002	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	10	U	10	ug/l
R4BU1W-Filtered	R4BU1W	True	11/11/2002	Field Sample	6010	7440-41-7	D	Beryllium	0.004	U	0.004	mg/l
R4BU1W		False	11/11/2002	Field Sample	6010	7440-41-7	T	Beryllium	0.004	U	0.004	mg/l
R4BU1W		False	11/11/2002	Field Sample	8081	319-85-7	T	beta-BHC	0.05	U	0.05	ug/l
R4BU1W		False	11/11/2002	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	10	U	10	ug/l
R4BU1W		False	11/11/2002	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	10	U	10	ug/l
R4BU1W		False	11/11/2002	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	10	U	10	ug/l
R4BU1W		False	11/11/2002	Field Sample	8260	75-27-4	T	Bromodichloromethane	1	UJ	1	ug/l
R4BU1W		False	11/11/2002	Field Sample	8260	75-25-2	T	Bromoform	1	U	1	ug/l
R4BU1W		False	11/11/2002	Field Sample	8260	74-83-9	T	Bromomethane	1	U	1	ug/l
R4BU1W-Filtered	R4BU1W	True	11/11/2002	Field Sample	6010	7440-43-9	D	Cadmium	0.005	U	0.005	mg/l
R4BU1W		False	11/11/2002	Field Sample	6010	7440-43-9	T	Cadmium	0.005	U	0.005	mg/l
R4BU1W-Filtered	R4BU1W	True	11/11/2002	Field Sample	6010	7440-70-2	D	Calcium	53		0.5	mg/l
R4BU1W		False	11/11/2002	Field Sample	6010	7440-70-2	T	Calcium	54		0.5	mg/l
R4BU1W		False	11/11/2002	Field Sample	8270	86-74-8	T	Carbazole	10	U	10	ug/l
R4BU1W		False	11/11/2002	Field Sample	8260	75-15-0	T	Carbon Disulfide	1	U	1	ug/l
R4BU1W		False	11/11/2002	Field Sample	8260	56-23-5	T	Carbon Tetrachloride	1	UJ	1	ug/l
R4BU1W		False	11/11/2002	Field Sample	8260	108-90-7	T	Chlorobenzene	2.7		1	ug/l
R4BU1W		False	11/11/2002	Field Sample	8260	124-48-1	T	Chlorodibromomethane	1	U	1	ug/l
R4BU1W		False	11/11/2002	Field Sample	8260	75-00-3	T	Chloroethane	1	U	1	ug/l
R4BU1W		False	11/11/2002	Field Sample	8260	67-66-3	T	Chloroform	1	U	1	ug/l
R4BU1W		False	11/11/2002	Field Sample	8260	74-87-3	T	Chloromethane	1	UJ	1	ug/l
R4BU1W-Filtered	R4BU1W	True	11/11/2002	Field Sample	6010	7440-47-3	D	Chromium	0.01	U	0.01	mg/l
R4BU1W		False	11/11/2002	Field Sample	6010	7440-47-3	T	Chromium	0.01	U	0.01	mg/l
R4BU1W		False	11/11/2002	Field Sample	8270	218-01-9	T	Chrysene	10	U	10	ug/l
R4BU1W		False	11/11/2002	Field Sample	8260	10061-01-5	T	cis-1,3-Dichloropropene	1	U	1	ug/l
R4BU1W-Filtered	R4BU1W	True	11/11/2002	Field Sample	6010	7440-48-4	D	Cobalt	0.00084	J	0.01	mg/l
R4BU1W		False	11/11/2002	Field Sample	6010	7440-48-4	T	Cobalt	0.0009	J	0.01	mg/l
R4BU1W-Filtered	R4BU1W	True	11/11/2002	Field Sample	6010	7440-50-8	D	Copper	0.02	U	0.02	mg/l
R4BU1W		False	11/11/2002	Field Sample	6010	7440-50-8	T	Copper	0.02	U	0.02	mg/l
R4BU1W		False	11/11/2002	Field Sample	8151	75-99-0	T	Dalapon	120	U	120	ug/l
R4BU1W		False	11/11/2002	Field Sample	680	2051-34-3	T	Decachlorobiphenyl	0.5	U	0.5	ug/l
R4BU1W		False	11/11/2002	Field Sample	8081	319-86-8	T	delta-BHC	0.05	U	0.05	ug/l
R4BU1W		False	11/11/2002	Field Sample	8270	53-70-3	T	Dibenz(a,h)anthracene	10	U	10	ug/l
R4BU1W		False	11/11/2002	Field Sample	8270	132-64-9	T	Dibenzofuran	10	U	10	ug/l
R4BU1W		False	11/11/2002	Field Sample	8151	1918-00-9	T	Dicamba	1.2	U	1.2	ug/l
R4BU1W		False	11/11/2002	Field Sample	680	2-DICHLOROBI	T	Dichlorobiphenyl	0.1	U	0.1	ug/l
R4BU1W		False	11/11/2002	Field Sample	8260	75-09-2	T	Dichloromethane	5	U	5	ug/l
R4BU1W		False	11/11/2002	Field Sample	8151	120-36-5	T	Dichloprop	6.49	J	6	ug/l
R4BU1W		False	11/11/2002	Field Sample	8081	60-57-1	T	Dieldrin	0.1	U	0.1	ug/l
R4BU1W		False	11/11/2002	Field Sample	8270	84-66-2	T	Diethyl Phthalate	10	U	10	ug/l
R4BU1W		False	11/11/2002	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	10	U	10	ug/l
R4BU1W		False	11/11/2002	Field Sample	8270	84-74-2	T	Di-n-butylphthalate	10	U	10	ug/l
R4BU1W		False	11/11/2002	Field Sample	8270	117-84-0	T	Di-n-octylphthalate	10	U	10	ug/l
R4BU1W		False	11/11/2002	Field Sample	8270	88-85-7	T	Dinoseb	10	UJ	10	ug/l
R4BU1W		False	11/11/2002	Field Sample	8081	959-98-8	T	Endosulfan I	0.05	U	0.05	ug/l
R4BU1W		False	11/11/2002	Field Sample	8081	33213-65-9	T	Endosulfan II	0.1	U	0.1	ug/l
R4BU1W		False	11/11/2002	Field Sample	8081	1031-07-8	T	Endosulfan Sulfate	0.1	U	0.1	ug/l
R4BU1W		False	11/11/2002	Field Sample	8081	72-20-8	T	Endrin	0.1	U	0.1	ug/l
R4BU1W		False	11/11/2002	Field Sample	8081	7421-93-4	T	Endrin Aldehyde	0.1	U	0.1	ug/l
R4BU1W		False	11/11/2002	Field Sample	8081	53494-70-5	T	Endrin Ketone	0.1	U	0.1	ug/l
R4BU1W		False	11/11/2002	Field Sample	8260	100-41-4	T	Ethylbenzene	1	U	1	ug/l
R4BU1W		False	11/11/2002	Field Sample	8270	206-44-0	T	Fluoranthene	10	U	10	ug/l
R4BU1W		False	11/11/2002	Field Sample	8270	86-73-7	T	Fluorene	10	U	10	ug/l
R4BU1W		False	11/11/2002	Field Sample	8081	58-89-9	T	gamma-BHC (Lindane)	0.05	U	0.05	ug/l
R4BU1W		False	11/11/2002	Field Sample	8081	5103-74-2	T	gamma-Chlordane	0.05	U	0.05	ug/l
R4BU1W		False	11/11/2002	Field Sample	130.2	E-11778	T	Hardness, Carbonate	200		200	mg/l as Ca
R4BU1W		False	11/11/2002	Field Sample	8081	76-44-8	T	Heptachlor	0.05	U	0.05	ug/l
R4BU1W		False	11/11/2002	Field Sample	8081	1024-57-3	T	Heptachlor Epoxide	0.05	U	0.05	ug/l
R4BU1W		False	11/11/2002	Field Sample	680	2-HEPTACHLOR	T	Heptachlorobiphenyl	0.3	U	0.3	ug/l
R4BU1W		False	11/11/2002	Field Sample	8270	118-74-1	T	Hexachlorobenzene	10	U	10	ug/l
R4BU1W		False	11/11/2002	Field Sample	680	2-HEXACHLORO	T	Hexachlorobiphenyl	0.2	U	0.2	ug/l
R4BU1W		False	11/11/2002	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	10	U	10	ug/l
R4BU1W		False	11/11/2002	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	10	U	10	ug/l
R4BU1W		False	11/11/2002	Field Sample	8270	67-72-1	T	Hexachloroethane	10	U	10	ug/l
R4BU1W		False	11/11/2002	Field Sample	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	10	U	10	ug/l
R4BU1W-Filtered	R4BU1W	True	11/11/2002	Field Sample	6010	7439-89-6	D	Iron	0.037	J	0.05	mg/l
R4BU1W		False	11/11/2002	Field Sample	6010	7439-89-6	T	Iron	1		0.05	mg/l
R4BU1W		False	11/11/2002	Field Sample	8270	78-59-1	T	Isophorone	10	U	10	ug/l
R4BU1W-Filtered	R4BU1W	True	11/11/2002	Field Sample	6010	7439-92-1	D	Lead	0.005	U	0.005	mg/l
R4BU1W		False	11/11/2002	Field Sample	6010	7439-92-1	T	Lead	0.005	U	0.005	mg/l
R4BU1W-Filtered	R4BU1W	True	11/11/2002	Field Sample	6010	7439-95-4	D	Magnesium	21		0.5	mg/l
R4BU1W		False	11/11/2002	Field Sample	6010	7439-95-4	T	Magnesium	22		0.5	mg/l
R4BU1W-Filtered	R4BU1W	True	11/11/2002	Field Sample	6010	7439-96-5	D	Manganese	0.01	U	0.01	mg/l
R4BU1W		False	11/11/2002	Field Sample	6010	7439-96-5	T	Manganese	0.086		0.01	mg/l
R4BU1W		False	11/11/2002	Field Sample	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	120	U	120	ug/l
R4BU1W		False	11/11/2002	Field Sample	8151	93-65-2	T	MCPP	120	U	120	ug/l
R4BU1W-Filtered	R4BU1W	True	11/11/2002	Field Sample	7470	7439-97-6	D	Mercury	0.0002	U	0.0002	mg/l
R4BU1W		False	11/11/2002	Field Sample	7470	7439-97-6	T	Mercury	0.0002	U	0.0002	mg/l

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8270	99-09-2	T	3-Nitroaniline	50	U	50	ug/l
R4CM1W		False	11/11/2002	Field Sample	8270	99-09-2	T	3-Nitroaniline	50	U	50	ug/l
R4CM1W		False	11/11/2002	Field Sample	8081	72-54-8	T	4,4'-DDD	0.1	U	0.1	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8081	72-54-8	T	4,4'-DDD	0.1	U	0.1	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8081	72-55-9	T	4,4'-DDE	0.1	U	0.1	ug/l
R4CM1W		False	11/11/2002	Field Sample	8081	72-55-9	T	4,4'-DDE	0.1	U	0.1	ug/l
R4CM1W		False	11/11/2002	Field Sample	8081	50-29-3	T	4,4'-DDT	0.1	U	0.1	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8081	50-29-3	T	4,4'-DDT	0.1	U	0.1	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	50	U	50	ug/l
R4CM1W		False	11/11/2002	Field Sample	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	50	U	50	ug/l
R4CM1W		False	11/11/2002	Field Sample	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	10	U	10	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	10	U	10	ug/l
R4CM1W		False	11/11/2002	Field Sample	8270	59-50-7	T	4-Chloro-3-methylphenol	10	U	10	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8270	59-50-7	T	4-Chloro-3-methylphenol	10	U	10	ug/l
R4CM1W		False	11/11/2002	Field Sample	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	10	U	10	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	10	U	10	ug/l
R4CM1W		False	11/11/2002	Field Sample	8260	108-10-1	T	4-Methyl-2-pentanone (MIBK)	10	U	10	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8260	108-10-1	T	4-Methyl-2-pentanone (MIBK)	10	U	10	ug/l
R4CM1W		False	11/11/2002	Field Sample	8270	100-02-7	T	4-Nitrophenol	50	U	50	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8270	100-02-7	T	4-Nitrophenol	50	U	50	ug/l
R4CM1W		False	11/11/2002	Field Sample	8270	83-32-9	T	Acenaphthene	10	U	10	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8270	83-32-9	T	Acenaphthene	10	U	10	ug/l
R4CM1W		False	11/11/2002	Field Sample	8270	208-96-8	T	Acenaphthylene	10	U	10	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8270	208-96-8	T	Acenaphthylene	10	U	10	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8260	67-64-1	T	Acetone	25	U	25	ug/l
R4CM1W		False	11/11/2002	Field Sample	8260	67-64-1	T	Acetone	25	U	25	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8081	309-00-2	T	Aldrin	0.05	U	0.05	ug/l
R4CM1W		False	11/11/2002	Field Sample	8081	309-00-2	T	Aldrin	0.05	U	0.05	ug/l
R4CM1W		False	11/11/2002	Field Sample	8081	319-84-6	T	alpha-BHC	0.05	U	0.05	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8081	319-84-6	T	alpha-BHC	0.05	U	0.05	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8081	5103-71-9	T	alpha-Chlordane	0.05	U	0.05	ug/l
R4CM1W		False	11/11/2002	Field Sample	8081	5103-71-9	T	alpha-Chlordane	0.05	U	0.05	ug/l
R4CM1W-Filtered	R4CM1W	True	11/11/2002	Field Sample	6010	7429-90-5	D	Aluminum	0.012	J	0.02	mg/l
R4CM1W		False	11/11/2002	Field Sample	6010	7429-90-5	T	Aluminum	0.62	J	0.02	mg/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	6010	7429-90-5	T	Aluminum	0.7	J	0.02	mg/l
R4CM2W-Filtered	R4CM2W	True	11/11/2002	Field Duplicate	6010	7429-90-5	D	Aluminum	0.2	U	0.2	mg/l
R4CM1W		False	11/11/2002	Field Sample	8270	120-12-7	T	Anthracene	10	U	10	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8270	120-12-7	T	Anthracene	10	U	10	ug/l
R4CM1W		False	11/11/2002	Field Sample	6010	7440-36-0	T	Antimony	0.02	U	0.02	mg/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	6010	7440-36-0	T	Antimony	0.02	U	0.02	mg/l
R4CM1W-Filtered	R4CM1W	True	11/11/2002	Field Sample	6010	7440-36-0	D	Antimony	0.02	UJ	0.02	mg/l
R4CM2W-Filtered	R4CM2W	True	11/11/2002	Field Duplicate	6010	7440-36-0	D	Antimony	0.02	UJ	0.02	mg/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	6010	7440-38-2	T	Arsenic	0.01	U	0.01	mg/l
R4CM1W		False	11/11/2002	Field Sample	6010	7440-38-2	T	Arsenic	0.01	U	0.01	mg/l
R4CM2W-Filtered	R4CM2W	True	11/11/2002	Field Duplicate	6010	7440-38-2	D	Arsenic	0.01	UJ	0.01	mg/l
R4CM1W-Filtered	R4CM1W	True	11/11/2002	Field Sample	6010	7440-38-2	D	Arsenic	0.01	UJ	0.01	mg/l
R4CM1W-Filtered	R4CM1W	True	11/11/2002	Field Sample	6010	7440-39-3	D	Barium	0.05		0.01	mg/l
R4CM2W-Filtered	R4CM2W	True	11/11/2002	Field Duplicate	6010	7440-39-3	D	Barium	0.051		0.01	mg/l
R4CM1W		False	11/11/2002	Field Sample	6010	7440-39-3	T	Barium	0.061		0.01	mg/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	6010	7440-39-3	T	Barium	0.059		0.01	mg/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8260	71-43-2	T	Benzene	1	U	1	ug/l
R4CM1W		False	11/11/2002	Field Sample	8260	71-43-2	T	Benzene	1	U	1	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8270	56-55-3	T	Benzo(a)anthracene	10	U	10	ug/l
R4CM1W		False	11/11/2002	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	10	U	10	ug/l
R4CM1W		False	11/11/2002	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	10	U	10	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8270	50-32-8	T	Benzo(a)pyrene	10	U	10	ug/l
R4CM1W		False	11/11/2002	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	10	U	10	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8270	205-99-2	T	Benzo(b)fluoranthene	10	U	10	ug/l
R4CM1W		False	11/11/2002	Field Sample	8270	191-24-2	T	Benzo(g,h,i)perylene	10	U	10	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8270	191-24-2	T	Benzo(g,h,i)perylene	10	U	10	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8270	207-08-9	T	Benzo(k)fluoranthene	10	U	10	ug/l
R4CM1W		False	11/11/2002	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	10	U	10	ug/l
R4CM1W		False	11/11/2002	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	10	U	10	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	10	U	10	ug/l
R4CM2W-Filtered	R4CM2W	True	11/11/2002	Field Duplicate	6010	7440-41-7	D	Beryllium	0.004	U	0.004	mg/l
R4CM1W-Filtered	R4CM1W	True	11/11/2002	Field Sample	6010	7440-41-7	D	Beryllium	0.004	U	0.004	mg/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	6010	7440-41-7	T	Beryllium	0.004	U	0.004	mg/l
R4CM1W		False	11/11/2002	Field Sample	6010	7440-41-7	T	Beryllium	0.004	U	0.004	mg/l
R4CM1W		False	11/11/2002	Field Sample	8081	319-85-7	T	beta-BHC	0.05	U	0.05	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8081	319-85-7	T	beta-BHC	0.05	U	0.05	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8270	111-91-1	T	bis(2-Chloroethoxy)methane	10	U	10	ug/l
R4CM1W		False	11/11/2002	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	10	U	10	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8270	111-44-4	T	bis(2-Chloroethyl)ether	10	U	10	ug/l
R4CM1W		False	11/11/2002	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	10	U	10	ug/l
R4CM1W		False	11/11/2002	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	10	U	10	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	10	U	10	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8260	75-27-4	T	Bromodichloromethane	1	UJ	1	ug/l
R4CM1W		False	11/11/2002	Field Sample	8260	75-27-4	T	Bromodichloromethane	1	UJ	1	ug/l
R4CM1W		False	11/11/2002	Field Sample	8260	75-25-2	T	Bromoform	1	U	1	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8260	75-25-2	T	Bromoform	1	U	1	ug/l
R4CM1W		False	11/11/2002	Field Sample	8260	74-83-9	T	Bromomethane	1	U	1	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8260	74-83-9	T	Bromomethane	1	U	1	ug/l
R4CM2W-Filtered	R4CM2W	True	11/11/2002	Field Duplicate	6010	7440-43-9	D	Cadmium	0.005	U	0.005	mg/l
R4CM1W-Filtered	R4CM1W	True	11/11/2002	Field Sample	6010	7440-43-9	D	Cadmium	0.005	U	0.005	mg/l
R4CM1W		False	11/11/2002	Field Sample	6010	7440-43-9	T	Cadmium	0.005	U	0.005	mg/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	6010	7440-43-9	T	Cadmium	0.005	U	0.005	mg/l
R4CM1W-Filtered	R4CM1W	True	11/11/2002	Field Sample	6010	7440-70-2	D	Calcium	51		0.5	mg/l
R4CM2W-Filtered	R4CM2W	True	11/11/2002	Field Duplicate	6010	7440-70-2	D	Calcium	51		0.5	mg/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	6010	7440-70-2	T	Calcium	51		0.5	mg/l
R4CM1W		False	11/11/2002	Field Sample	6010	7440-70-2	T	Calcium	52		0.5	mg/l
R4CM1W		False	11/11/2002	Field Sample	8270	86-74-8	T	Carbazole	10	U	10	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8270	86-74-8	T	Carbazole	10	U	10	ug/l
R4CM1W		False	11/11/2002	Field Sample	8260	75-15-0	T	Carbon Disulfide	1	U	1	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8260	75-15-0	T	Carbon Disulfide	1	U	1	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8260	56-23-5	T	Carbon Tetrachloride	1	UJ	1	ug/l
R4CM1W		False	11/11/2002	Field Sample	8260	56-23-5	T	Carbon Tetrachloride	1	UJ	1	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8260	108-90-7	T	Chlorobenzene	0.54	J	1	ug/l
R4CM1W		False	11/11/2002	Field Sample	8260	108-90-7	T	Chlorobenzene	0.58	J	1	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8260	124-48-1	T	Chlorodibromomethane	1	U	1	ug/l
R4CM1W		False	11/11/2002	Field Sample	8260	124-48-1	T	Chlorodibromomethane	1	U	1	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8260	75-00-3	T	Chloroethane	1	U	1	ug/l
R4CM1W		False	11/11/2002	Field Sample	8260	75-00-3	T	Chloroethane	1	U	1	ug/l

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Saugat Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Matrix	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]		No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	1	U	1	ug/L
[illegible]	[illegible]	No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	1	U	1	ug/L
[illegible]		No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	1	U	1	ug/L
[illegible]	[illegible]	No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	1	U	1	ug/L
[illegible]												
[illegible]	[illegible]	No	[illegible]	Field Duplicate	[illegible]	[illegible]	D	Chromium	0.01	U	0.01	mg/L
[illegible]												
[illegible]	[illegible]	No	[illegible]	Field Duplicate	[illegible]	[illegible]	D	Chromium	0.01	U	0.01	mg/L
[illegible]		No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Chromium	0.01	U	0.01	mg/L
[illegible]	[illegible]	No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Chromium	0.01	U	0.01	mg/L
[illegible]		No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Chromium	10	U	10	ug/L
[illegible]	[illegible]	No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Chromium	10	U	10	ug/L
[illegible]		No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	1	U	1	ug/L
[illegible]	[illegible]	No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	1	U	1	ug/L
[illegible]		No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Cobalt	0.00002	J	0.01	mg/L
[illegible]												
[illegible]	[illegible]	No	[illegible]	Field Duplicate	[illegible]	[illegible]	D	Cobalt	0.01	U	0.01	mg/L
[illegible]												
[illegible]	[illegible]	No	[illegible]	Field Duplicate	[illegible]	[illegible]	D	Cobalt	0.01	U	0.01	mg/L
[illegible]	[illegible]	No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Cobalt	0.01	U	0.01	mg/L
[illegible]												
[illegible]	[illegible]	No	[illegible]	Field Duplicate	[illegible]	[illegible]	D	Copper	0.02	U	0.02	mg/L
[illegible]												
[illegible]	[illegible]	No	[illegible]	Field Duplicate	[illegible]	[illegible]	D	Copper	0.02	U	0.02	mg/L
[illegible]		No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Copper	0.02	U	0.02	mg/L
[illegible]	[illegible]	No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Copper	0.02	U	0.02	mg/L
[illegible]		No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	10	U	10	ug/L
[illegible]		No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	10	U	10	ug/L
[illegible]		No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	0.5	U	0.5	ug/L
[illegible]	[illegible]	No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	0.5	U	0.5	ug/L
[illegible]		No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	0.05	U	0.05	ug/L
[illegible]	[illegible]	No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	0.05	U	0.05	ug/L
[illegible]	[illegible]	No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	10	U	10	ug/L
[illegible]		No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	10	U	10	ug/L
[illegible]	[illegible]	No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	10	U	10	ug/L
[illegible]		No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	10	U	10	ug/L
[illegible]		No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	1.2	U	1.2	ug/L
[illegible]	[illegible]	No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	1.2	U	1.2	ug/L
[illegible]		No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	0.1	U	0.1	ug/L
[illegible]	[illegible]	No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	0.1	U	0.1	ug/L
[illegible]		No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	5	U	5	ug/L
[illegible]		No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	5	U	5	ug/L
[illegible]		No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	1	U	1	ug/L
[illegible]	[illegible]	No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	1	U	1	ug/L
[illegible]		No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	0.1	U	0.1	ug/L
[illegible]	[illegible]	No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	0.1	U	0.1	ug/L
[illegible]		No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	5	U	5	ug/L
[illegible]		No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	5	U	5	ug/L
[illegible]		No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	5	U	5	ug/L
[illegible]	[illegible]	No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	5	U	5	ug/L
[illegible]		No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	5	U	5	ug/L
[illegible]	[illegible]	No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	5	U	5	ug/L
[illegible]		No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	5	U	5	ug/L
[illegible]		No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	5	U	5	ug/L
[illegible]	[illegible]	No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	5	U	5	ug/L
[illegible]		No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	5	U	5	ug/L
[illegible]		No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	5	U	5	ug/L
[illegible]	[illegible]	No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	5	U	5	ug/L
[illegible]		No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	5	U	5	ug/L
[illegible]		No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	5	U	5	ug/L
[illegible]	[illegible]	No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	5	U	5	ug/L
[illegible]		No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	5	U	5	ug/L
[illegible]		No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	5	U	5	ug/L
[illegible]	[illegible]	No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	5	U	5	ug/L
[illegible]		No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	5	U	5	ug/L
[illegible]		No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	5	U	5	ug/L
[illegible]	[illegible]	No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	5	U	5	ug/L
[illegible]		No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	5	U	5	ug/L
[illegible]		No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	5	U	5	ug/L
[illegible]	[illegible]	No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	5	U	5	ug/L
[illegible]		No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	5	U	5	ug/L
[illegible]		No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	5	U	5	ug/L
[illegible]	[illegible]	No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	5	U	5	ug/L
[illegible]		No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	5	U	5	ug/L
[illegible]		No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	5	U	5	ug/L
[illegible]	[illegible]	No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	5	U	5	ug/L
[illegible]		No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	5	U	5	ug/L
[illegible]		No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	5	U	5	ug/L
[illegible]	[illegible]	No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	5	U	5	ug/L
[illegible]												
[illegible]	[illegible]	No	[illegible]	Field Duplicate	[illegible]	[illegible]	D	Iron	0.03	J	0.05	mg/L
[illegible]												
[illegible]	[illegible]	No	[illegible]	Field Duplicate	[illegible]	[illegible]	D	Iron	0.05	U	0.05	mg/L
[illegible]	[illegible]	No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Iron	0.7		0.05	mg/L
[illegible]	[illegible]	No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Iron	0.05		0.05	mg/L
[illegible]		No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	10	U	10	ug/L
[illegible]		No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	10	U	10	ug/L
[illegible]												
[illegible]	[illegible]	No	[illegible]	Field Duplicate	[illegible]	[illegible]	D	Lead	0.005	U	0.005	mg/L
[illegible]												
[illegible]	[illegible]	No	[illegible]	Field Duplicate	[illegible]	[illegible]	D	Lead	0.005	U	0.005	mg/L
[illegible]	[illegible]	No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Lead	0.005	U	0.005	mg/L
[illegible]		No	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Lead	0.005	U	0.005	mg/L
[illegible]												
[illegible]	[illegible]	No	[illegible]	Field Duplicate	[illegible]	[illegible]	D	Magnesium	20		0.5	mg/L

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R4CM2W-Filtered	R4CM2W	True	11/11/2002	Field Duplicate	6010	7439-95-4	D	Magnesium	20		0.5	mg/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	6010	7439-95-4	T	Magnesium	20		0.5	mg/l
R4CM1W		False	11/11/2002	Field Sample	6010	7439-95-4	T	Magnesium	21		0.5	mg/l
R4CM1W-Filtered	R4CM1W	True	11/11/2002	Field Sample	6010	7439-96-5	D	Manganese	0.01	U	0.01	mg/l
R4CM2W-Filtered	R4CM2W	True	11/11/2002	Field Duplicate	6010	7439-96-5	D	Manganese	0.01	U	0.01	mg/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	6010	7439-96-5	T	Manganese	0.061		0.01	mg/l
R4CM1W		False	11/11/2002	Field Sample	6010	7439-96-5	T	Manganese	0.083		0.01	mg/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	120	U	120	ug/l
R4CM1W		False	11/11/2002	Field Sample	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	120	U	120	ug/l
R4CM1W		False	11/11/2002	Field Sample	8151	93-65-2	T	MCPP	120	U	120	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8151	93-65-2	T	MCPP	120	U	120	ug/l
R4CM1W-Filtered	R4CM1W	True	11/11/2002	Field Sample	7470	7439-97-6	D	Mercury	0.0002	U	0.0002	mg/l
R4CM2W-Filtered	R4CM2W	True	11/11/2002	Field Duplicate	7470	7439-97-6	D	Mercury	0.0002	U	0.0002	mg/l
R4CM1W		False	11/11/2002	Field Sample	7470	7439-97-6	T	Mercury	0.0002	U	0.0002	mg/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	7470	7439-97-6	T	Mercury	0.0002	U	0.0002	mg/l
R4CM1W		False	11/11/2002	Field Sample	8081	72-43-5	T	Methoxychlor	0.5	U	0.5	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8081	72-43-5	T	Methoxychlor	0.5	U	0.5	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8260	591-78-6	T	Methyl N-Butyl Ketone	10	U	10	ug/l
R4CM1W		False	11/11/2002	Field Sample	8260	591-78-6	T	Methyl N-Butyl Ketone	10	U	10	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	680	C-MONOCHLORO	T	Monochlorobiphenyl	0.1	U	0.1	ug/l
R4CM1W		False	11/11/2002	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	0.1	U	0.1	ug/l
R4CM1W		False	11/11/2002	Field Sample	8270	91-20-3	T	Naphthalene	10	U	10	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8270	91-20-3	T	Naphthalene	10	U	10	ug/l
R4CM2W-Filtered	R4CM2W	True	11/11/2002	Field Duplicate	6010	7440-02-0	D	Nickel	0.04	U	0.04	mg/l
R4CM1W-Filtered	R4CM1W	True	11/11/2002	Field Sample	6010	7440-02-0	D	Nickel	0.04	U	0.04	mg/l
R4CM1W		False	11/11/2002	Field Sample	6010	7440-02-0	T	Nickel	0.04	U	0.04	mg/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	6010	7440-02-0	T	Nickel	0.04	U	0.04	mg/l
R4CM1W		False	11/11/2002	Field Sample	8270	98-95-3	T	Nitrobenzene	10	U	10	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8270	98-95-3	T	Nitrobenzene	10	U	10	ug/l
R4CM1W		False	11/11/2002	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	10	U	10	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8270	621-64-7	T	N-Nitroso-di-n-propylamine	10	U	10	ug/l
R4CM1W		False	11/11/2002	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	10	U	10	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8270	86-30-6	T	N-Nitrosodiphenylamine	10	U	10	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	680	C-NONACHLORO	T	Nonachlorobiphenyl	0.5	U	0.5	ug/l
R4CM1W		False	11/11/2002	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	0.5	U	0.5	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	0.3	U	0.3	ug/l
R4CM1W		False	11/11/2002	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	0.3	U	0.3	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8270	106-47-8	T	P-Chloroaniline	20	U	20	ug/l
R4CM1W		False	11/11/2002	Field Sample	8270	106-47-8	T	P-Chloroaniline	20	U	20	ug/l
R4CM1W		False	11/11/2002	Field Sample	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	0.2	U	0.2	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	0.2	U	0.2	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8151	87-86-5	T	Pentachlorophenol	1	U	1	ug/l
R4CM1W		False	11/11/2002	Field Sample	8151	87-86-5	T	Pentachlorophenol	1	U	1	ug/l
R4CM1W		False	11/11/2002	Field Sample	8270	85-01-8	T	Phenanthrene	10	U	10	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8270	85-01-8	T	Phenanthrene	10	U	10	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8270	108-95-2	T	Phenol	10	U	10	ug/l
R4CM1W		False	11/11/2002	Field Sample	8270	108-95-2	T	Phenol	10	U	10	ug/l
R4CM1W		False	11/11/2002	Field Sample	8270	100-01-6	T	P-Nitroaniline	50	U	50	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8270	100-01-6	T	P-Nitroaniline	50	U	50	ug/l
R4CM1W-Filtered	R4CM1W	True	11/11/2002	Field Sample	6010	7440-09-7	D	Potassium	3.4		0.01	mg/l
R4CM2W-Filtered	R4CM2W	True	11/11/2002	Field Duplicate	6010	7440-09-7	D	Potassium	3.4		0.01	mg/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	6010	7440-09-7	T	Potassium	3.5		0.01	mg/l
R4CM1W		False	11/11/2002	Field Sample	6010	7440-09-7	T	Potassium	3.6		0.01	mg/l
R4CM1W		False	11/11/2002	Field Sample	8270	129-00-0	T	Pyrene	10	U	10	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8270	129-00-0	T	Pyrene	10	U	10	ug/l
R4CM2W-Filtered	R4CM2W	True	11/11/2002	Field Duplicate	6010	7782-49-2	D	Selenium	0.01	U	0.01	mg/l
R4CM1W-Filtered	R4CM1W	True	11/11/2002	Field Sample	6010	7782-49-2	D	Selenium	0.01	U	0.01	mg/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	6010	7782-49-2	T	Selenium	0.01	UJ	0.01	mg/l
R4CM1W		False	11/11/2002	Field Sample	6010	7782-49-2	T	Selenium	0.01	UJ	0.01	mg/l
R4CM1W-Filtered	R4CM1W	True	11/11/2002	Field Sample	6010	7440-22-4	D	Silver	0.01	U	0.01	mg/l
R4CM2W-Filtered	R4CM2W	True	11/11/2002	Field Duplicate	6010	7440-22-4	D	Silver	0.01	U	0.01	mg/l
R4CM1W		False	11/11/2002	Field Sample	6010	7440-22-4	T	Silver	0.01	U	0.01	mg/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	6010	7440-22-4	T	Silver	0.01	U	0.01	mg/l
R4CM2W-Filtered	R4CM2W	True	11/11/2002	Field Duplicate	6010	7440-23-5	D	Sodium	20	J	80	mg/l
R4CM1W-Filtered	R4CM1W	True	11/11/2002	Field Sample	6010	7440-23-5	D	Sodium	20	J	80	mg/l
R4CM1W		False	11/11/2002	Field Sample	6010	7440-23-5	T	Sodium	20		80	mg/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	6010	7440-23-5	T	Sodium	20		80	mg/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8260	100-42-5	T	Styrene (Monomer)	1	U	1	ug/l
R4CM1W		False	11/11/2002	Field Sample	8260	100-42-5	T	Styrene (Monomer)	1	U	1	ug/l
R4CM1W		False	11/11/2002	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	0.2	U	0.2	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	0.2	U	0.2	ug/l
R4CM1W		False	11/11/2002	Field Sample	8260	127-18-4	T	Tetrachloroethene	0.45	J	1	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8260	127-18-4	T	Tetrachloroethene	1	U	1	ug/l
R4CM2W-Filtered	R4CM2W	True	11/11/2002	Field Duplicate	6010	7440-28-0	D	Thallium	0.01	U	0.01	mg/l
R4CM1W-Filtered	R4CM1W	True	11/11/2002	Field Sample	6010	7440-28-0	D	Thallium	0.01	U	0.01	mg/l
R4CM1W		False	11/11/2002	Field Sample	6010	7440-28-0	T	Thallium	0.01	UJ	0.01	mg/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	6010	7440-28-0	T	Thallium	0.01	UJ	0.01	mg/l
R4CM1W		False	11/11/2002	Field Sample	8260	108-88-3	T	Toluene	0.29	J	1	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8260	108-88-3	T	Toluene	1	U	1	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8081	8001-35-2	T	Toxaphene	5	U	5	ug/l
R4CM1W		False	11/11/2002	Field Sample	8081	8001-35-2	T	Toxaphene	5	U	5	ug/l
R4CM1W		False	11/11/2002	Field Sample	8260	10061-02-6	T	trans-1,3-Dichloropropene	1	U	1	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8260	10061-02-6	T	trans-1,3-Dichloropropene	1	U	1	ug/l
R4CM1W		False	11/11/2002	Field Sample	680	C-TRICHLOROB	T	Trichlorobiphenyl	0.1	U	0.1	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	680	C-TRICHLOROB	T	Trichlorobiphenyl	0.1	U	0.1	ug/l
R4CM1W		False	11/11/2002	Field Sample	8260	79-01-6	T	Trichloroethylene	1	U	1	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8260	79-01-6	T	Trichloroethylene	1	U	1	ug/l
R4CM1W-Filtered	R4CM1W	True	11/11/2002	Field Sample	6010	7440-62-2	D	Vanadium	0.01	U	0.01	mg/l
R4CM2W-Filtered	R4CM2W	True	11/11/2002	Field Duplicate	6010	7440-62-2	D	Vanadium	0.01	U	0.01	mg/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	6010	7440-62-2	T	Vanadium	0.01	U	0.01	mg/l
R4CM1W		False	11/11/2002	Field Sample	6010	7440-62-2	T	Vanadium	0.01	U	0.01	mg/l
R4CM1W		False	11/11/2002	Field Sample	8260	75-01-4	T	Vinyl chloride	1	U	1	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8260	75-01-4	T	Vinyl chloride	1	U	1	ug/l
R4CM1W		False	11/11/2002	Field Sample	8260	1330-20-7	T	Xylenes, Total	2	U	2	ug/l
R4CM2W	R4CM1W	False	11/11/2002	Field Duplicate	8260	1330-20-7	T	Xylenes, Total	2	U	2	ug/l
R4CM1W-Filtered	R4CM1W	True	11/11/2002	Field Sample	6010	7440-66-6	D	Zinc	0.02	U	0.02	mg/l

Appendix II-C

Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R5AD1W		False	11/07/2002	Field Sample	8151	120-36-5	T	Dichlorprop	6	U	6	ug/l
R5AD1W		False	11/07/2002	Field Sample	8081	60-57-1	T	Dieldrin	0.1	U	0.1	ug/l
R5AD1W		False	11/07/2002	Field Sample	8270	84-66-2	T	Diethyl Phthalate	10	U	10	ug/l
R5AD1W		False	11/07/2002	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	10	U	10	ug/l
R5AD1W		False	11/07/2002	Field Sample	8270	84-74-2	T	Di-n-butylphthalate	10	U	10	ug/l
R5AD1W		False	11/07/2002	Field Sample	8270	117-84-0	T	Di-n-octylphthalate	10	U	10	ug/l
R5AD1W		False	11/07/2002	Field Sample	8270	86-85-7	T	Diazepin	10	U	10	ug/l
R5AD1W		False	11/07/2002	Field Sample	8081	959-98-8	T	Endosulfan I	0.05	U	0.05	ug/l
R5AD1W		False	11/07/2002	Field Sample	8081	33213-65-9	T	Endosulfan II	0.1	U	0.1	ug/l
R5AD1W		False	11/07/2002	Field Sample	8081	1031-07-8	T	Endosulfan Sulfate	0.1	U	0.1	ug/l
R5AD1W		False	11/07/2002	Field Sample	8081	72-20-8	T	Endrin	0.1	U	0.1	ug/l
R5AD1W		False	11/07/2002	Field Sample	8081	7421-93-4	T	Endrin Aldehyde	0.1	U	0.1	ug/l
R5AD1W		False	11/07/2002	Field Sample	8081	53494-70-5	T	Endrin Ketone	0.1	U	0.1	ug/l
R5AD1W		False	11/07/2002	Field Sample	8260	100-41-4	T	Ethylbenzene	1	UJ	1	ug/l
R5AD1W		False	11/07/2002	Field Sample	8270	206-44-0	T	Fluoranthene	10	U	10	ug/l
R5AD1W		False	11/07/2002	Field Sample	8270	86-73-7	T	Fluorene	10	U	10	ug/l
R5AD1W		False	11/07/2002	Field Sample	8081	58-89-9	T	gamma-BHC (Lindane)	0.05	U	0.05	ug/l
R5AD1W		False	11/07/2002	Field Sample	8081	5103-74-2	T	gamma-Chlordane	0.05	U	0.05	ug/l
R5AD1W		False	11/07/2002	Field Sample	130.2	S-11776	T	Hardness, Carbonate	180		200	mg/l as Ca
R5AD1W		False	11/07/2002	Field Sample	8081	76-44-8	T	Heptachlor	0.05	U	0.05	ug/l
R5AD1W		False	11/07/2002	Field Sample	8081	1024-57-3	T	Heptachlor Epoxide	0.05	U	0.05	ug/l
R5AD1W		False	11/07/2002	Field Sample	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	0.3	U	0.3	ug/l
R5AD1W		False	11/07/2002	Field Sample	8270	118-74-1	T	Hexachlorobenzene	10	U	10	ug/l
R5AD1W		False	11/07/2002	Field Sample	680	C-HEXACHLORO	T	Hexachlorobiphenyl	0.2	U	0.2	ug/l
R5AD1W		False	11/07/2002	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	10	U	10	ug/l
R5AD1W		False	11/07/2002	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	10	U	10	ug/l
R5AD1W		False	11/07/2002	Field Sample	8270	67-72-1	T	Hexachloroethane	10	U	10	ug/l
R5AD1W		False	11/07/2002	Field Sample	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	10	U	10	ug/l
R5AD1W-Filtered	R5AD1W	True	11/07/2002	Field Sample	6010	7439-89-6	D	Iron	0.058		0.05	mg/l
R5AD1W		False	11/07/2002	Field Sample	6010	7439-89-6	T	Iron	1.1		0.05	mg/l
R5AD1W		False	11/07/2002	Field Sample	8270	78-59-1	T	Isophorone	10	U	10	ug/l
R5AD1W-Filtered	R5AD1W	True	11/07/2002	Field Sample	6010	7439-92-1	D	Lead	0.005	U	0.005	mg/l
R5AD1W		False	11/07/2002	Field Sample	6010	7439-92-1	T	Lead	0.005	U	0.005	mg/l
R5AD1W-Filtered	R5AD1W	True	11/07/2002	Field Sample	6010	7439-95-4	D	Magnesium	19		0.5	mg/l
R5AD1W		False	11/07/2002	Field Sample	6010	7439-95-4	T	Magnesium	19		0.5	mg/l
R5AD1W-Filtered	R5AD1W	True	11/07/2002	Field Sample	6010	7439-96-5	D	Manganese	0.01	U	0.01	mg/l
R5AD1W		False	11/07/2002	Field Sample	6010	7439-96-5	T	Manganese	0.087		0.01	mg/l
R5AD1W		False	11/07/2002	Field Sample	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	120	U	120	ug/l
R5AD1W		False	11/07/2002	Field Sample	8151	93-65-2	T	MCPP	120	U	120	ug/l
R5AD1W-Filtered	R5AD1W	True	11/07/2002	Field Sample	7470	7439-97-6	D	Mercury	0.000094	J	0.0002	mg/l
R5AD1W		False	11/07/2002	Field Sample	7470	7439-97-6	T	Mercury	0.0002	U	0.0002	mg/l
R5AD1W		False	11/07/2002	Field Sample	8081	72-43-5	T	Methoxychlor	0.5	U	0.5	ug/l
R5AD1W		False	11/07/2002	Field Sample	8260	591-78-6	T	Methyl N-Butyl Ketone	10	UJ	10	ug/l
R5AD1W		False	11/07/2002	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	0.1	U	0.1	ug/l
R5AD1W		False	11/07/2002	Field Sample	8270	91-20-3	T	Naphthalene	10	U	10	ug/l
R5AD1W-Filtered	R5AD1W	True	11/07/2002	Field Sample	6010	7440-02-0	D	Nickel	0.04	U	0.04	mg/l
R5AD1W		False	11/07/2002	Field Sample	6010	7440-02-0	T	Nickel	0.04	U	0.04	mg/l
R5AD1W		False	11/07/2002	Field Sample	8270	98-95-3	T	Nitrobenzene	10	U	10	ug/l
R5AD1W		False	11/07/2002	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	10	U	10	ug/l
R5AD1W		False	11/07/2002	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	10	U	10	ug/l
R5AD1W		False	11/07/2002	Field Sample	680	C-NONACHLORO	T	Nonochlorobiphenyl	0.5	U	0.5	ug/l
R5AD1W		False	11/07/2002	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	0.3	U	0.3	ug/l
R5AD1W		False	11/07/2002	Field Sample	8270	106-47-8	T	P-Chloroaniline	20	U	20	ug/l
R5AD1W		False	11/07/2002	Field Sample	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	0.2	U	0.2	ug/l
R5AD1W		False	11/07/2002	Field Sample	8151	87-86-5	T	Pentachlorophenol	1	U	1	ug/l
R5AD1W		False	11/07/2002	Field Sample	8270	85-01-8	T	Phenanthrene	10	U	10	ug/l
R5AD1W		False	11/07/2002	Field Sample	8270	108-95-2	T	Phenol	10	U	10	ug/l
R5AD1W		False	11/07/2002	Field Sample	8270	100-01-6	T	P-Nitroaniline	50	U	50	ug/l
R5AD1W-Filtered	R5AD1W	True	11/07/2002	Field Sample	6010	7440-09-7	D	Potassium	3.4		0.01	mg/l
R5AD1W		False	11/07/2002	Field Sample	6010	7440-09-7	T	Potassium	3.6		0.01	mg/l
R5AD1W		False	11/07/2002	Field Sample	8270	129-00-0	T	Pyrene	10	U	10	ug/l
R5AD1W-Filtered	R5AD1W	True	11/07/2002	Field Sample	6010	7782-49-2	D	Selenium	0.01	U	0.01	mg/l
R5AD1W		False	11/07/2002	Field Sample	6010	7782-49-2	T	Selenium	0.01	U	0.01	mg/l
R5AD1W-Filtered	R5AD1W	True	11/07/2002	Field Sample	6010	7440-22-4	D	Silver	0.01	U	0.01	mg/l
R5AD1W		False	11/07/2002	Field Sample	6010	7440-22-4	T	Silver	0.01	U	0.01	mg/l
R5AD1W-Filtered	R5AD1W	True	11/07/2002	Field Sample	6010	7440-23-5	D	Sodium	19		80	mg/l
R5AD1W		False	11/07/2002	Field Sample	6010	7440-23-5	T	Sodium	19		80	mg/l
R5AD1W		False	11/07/2002	Field Sample	8260	100-42-5	T	Styrene (Monomer)	1	UJ	1	ug/l
R5AD1W		False	11/07/2002	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	0.2	U	0.2	ug/l
R5AD1W		False	11/07/2002	Field Sample	8260	127-18-4	T	Tetrachloroethene	1	UJ	1	ug/l
R5AD1W-Filtered	R5AD1W	True	11/07/2002	Field Sample	6010	7440-28-0	D	Thallium	0.01	UJ	0.01	mg/l
R5AD1W		False	11/07/2002	Field Sample	6010	7440-28-0	T	Thallium	0.01	UJ	0.01	mg/l
R5AD1W		False	11/07/2002	Field Sample	8260	108-88-3	T	Toluene	1	UJ	1	ug/l
R5AD1W		False	11/07/2002	Field Sample	8081	8001-35-2	T	Toxaphene	5	U	5	ug/l
R5AD1W		False	11/07/2002	Field Sample	8260	10061-02-6	T	trans-1,3-Dichloropropene	1	UJ	1	ug/l
R5AD1W		False	11/07/2002	Field Sample	680	C-TRICHLOROB	T	Trichlorobiphenyl	0.1	U	0.1	ug/l
R5AD1W		False	11/07/2002	Field Sample	8260	79-01-6	T	Trichloroethylene	1	UJ	1	ug/l
R5AD1W-Filtered	R5AD1W	True	11/07/2002	Field Sample	6010	7440-62-2	D	Vanadium	0.01	U	0.01	mg/l
R5AD1W		False	11/07/2002	Field Sample	6010	7440-62-2	T	Vanadium	0.01	U	0.01	mg/l
R5AD1W		False	11/07/2002	Field Sample	8260	75-01-4	T	Vinyl chloride	1	UJ	1	ug/l
R5AD1W		False	11/07/2002	Field Sample	8260	1330-20-7	T	Xylenes, Total	2	UJ	2	ug/l
R5AD1W-Filtered	R5AD1W	True	11/07/2002	Field Sample	6010	7440-66-6	D	Zinc	0.0049	J	0.02	mg/l
R5AD1W		False	11/07/2002	Field Sample	6010	7440-66-6	T	Zinc	0.0059	J	0.02	mg/l
R5AM1W		False	11/08/2002	Field Sample	8260	71-55-6	T	1,1,1-Trichloroethane	1	UJ	1	ug/l
R5AM1W		False	11/08/2002	Field Sample	8260	79-34-5	T	1,1,2,2-Tetrachloroethane	1	U	1	ug/l
R5AM1W		False	11/08/2002	Field Sample	8260	79-00-5	T	1,1,2-Trichloroethane	1	U	1	ug/l
R5AM1W		False	11/08/2002	Field Sample	8260	75-34-3	T	1,1-Dichloroethane	1	U	1	ug/l
R5AM1W		False	11/08/2002	Field Sample	8260	75-35-4	T	1,1-Dichloroethylene	1	U	1	ug/l
R5AM1W		False	11/08/2002	Field Sample	8270	120-82-1	T	1,2,4-Trichlorobenzene	10	U	10	ug/l
R5AM1W		False	11/08/2002	Field Sample	8270	95-50-1	T	1,2-Dichlorobenzene	10	U	10	ug/l
R5AM1W		False	11/08/2002	Field Sample	8260	107-06-2	T	1,2-Dichloroethane	1	U	1	ug/l
R5AM1W		False	11/08/2002	Field Sample	8260	540-59-0	T	1,2-Dichloroethene (total)	2	U	2	ug/l
R5AM1W		False	11/08/2002	Field Sample	8260	78-87-5	T	1,2-Dichloropropane	1	U	1	ug/l
R5AM1W		False	11/08/2002	Field Sample	8270	541-73-1	T	1,3-Dichlorobenzene	10	U	10	ug/l
R5AM1W		False	11/08/2002	Field Sample	8270	106-46-7	T	1,4-Dichlorobenzene	10	U	10	ug/l
R5AM1W		False	11/08/2002	Field Sample	8270	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	10	U	10	ug/l
R5AM1W		False	11/08/2002	Field Sample	8151	93-76-5	T	2,4,5-T	0.5	U	0.5	ug/l
R5AM1W		False	11/08/2002	Field Sample	8151	93-72-1	T	2,4,5-TP (Silvex)	0.5	U	0.5	ug/l
R5AM1W		False	11/08/2002	Field Sample	8270	95-95-4	T	2,4,5-Trichlorophenol	10	U	10	ug/l
R5AM1W		False	11/08/2002	Field Sample	8270	88-06-2	T	2,4,6-Trichlorophenol	10	U	10	ug/l
R5AM1W		False	11/08/2002	Field Sample	8151	94-75-7	T	2,4-D	0.97		0.5	ug/l
R5AM1W		False	11/08/2002	Field Sample	8151	94-82-6	T	2,4-DB	0.5	UJ	0.5	ug/l

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	4,4'-DDD	0.1	U	0.1	ug/l
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	4,4'-DDE	0.1	U	0.1	ug/l
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	4,4'-DDT	0.1	U	0.1	ug/l

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
RSAM1W		False	11/08/2002	Field Sample	8270	118-74-1	T	Hexachlorobenzene	10	U	10	ug/l
RSAM1W		False	11/08/2002	Field Sample	680	C-HEXACHLORO	T	Hexachlorobiphenyl	0.2	U	0.2	ug/l
RSAM1W		False	11/08/2002	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	10	U	10	ug/l
RSAM1W		False	11/08/2002	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	10	U	10	ug/l
RSAM1W		False	11/08/2002	Field Sample	8270	67-72-1	T	Hexachloroethane	10	U	10	ug/l
RSAM1W		False	11/08/2002	Field Sample	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	10	U	10	ug/l
RSAM1W-Filtered	RSAM1W	True	11/08/2002	Field Sample	6010	7439-89-6	D	Iron	0.048	J	0.05	mg/l
RSAM1W		False	11/08/2002	Field Sample	6010	7439-89-6	T	Iron	0.79		0.05	mg/l
RSAM1W		False	11/08/2002	Field Sample	8270	78-59-1	T	Isophorone	10	U	10	ug/l
RSAM1W-Filtered	RSAM1W	True	11/08/2002	Field Sample	6010	7439-92-1	D	Lead	0.005	U	0.005	mg/l
RSAM1W		False	11/08/2002	Field Sample	6010	7439-92-1	T	Lead	0.005	U	0.005	mg/l
RSAM1W-Filtered	RSAM1W	True	11/08/2002	Field Sample	6010	7439-95-4	D	Magnesium	21		0.5	mg/l
RSAM1W		False	11/08/2002	Field Sample	6010	7439-95-4	T	Magnesium	21		0.5	mg/l
RSAM1W-Filtered	RSAM1W	True	11/08/2002	Field Sample	6010	7439-96-5	D	Manganese	0.01	U	0.01	mg/l
RSAM1W		False	11/08/2002	Field Sample	6010	7439-96-5	T	Manganese	0.086		0.01	mg/l
RSAM1W		False	11/08/2002	Field Sample	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	120	U	120	ug/l
RSAM1W		False	11/08/2002	Field Sample	8151	93-65-2	T	MCPP	120	U	120	ug/l
RSAM1W-Filtered	RSAM1W	True	11/08/2002	Field Sample	7470	7439-97-6	D	Mercury	0.00012	J	0.0002	mg/l
RSAM1W		False	11/08/2002	Field Sample	7470	7439-97-6	T	Mercury	0.00014	J	0.0002	mg/l
RSAM1W		False	11/08/2002	Field Sample	8081	72-43-5	T	Methoxychlor	0.5	UJ	0.5	ug/l
RSAM1W		False	11/08/2002	Field Sample	8260	591-78-6	T	Methyl N-Butyl Ketone	10	U	10	ug/l
RSAM1W		False	11/08/2002	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	0.1	U	0.1	ug/l
RSAM1W		False	11/08/2002	Field Sample	8270	91-20-3	T	Naphthalene	10	U	10	ug/l
RSAM1W-Filtered	RSAM1W	True	11/08/2002	Field Sample	6010	7440-02-0	D	Nickel	0.04	U	0.04	mg/l
RSAM1W		False	11/08/2002	Field Sample	6010	7440-02-0	T	Nickel	0.04	U	0.04	mg/l
RSAM1W		False	11/08/2002	Field Sample	8270	98-95-3	T	Nitrobenzene	10	U	10	ug/l
RSAM1W		False	11/08/2002	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	10	U	10	ug/l
RSAM1W		False	11/08/2002	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	10	U	10	ug/l
RSAM1W		False	11/08/2002	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	0.5	U	0.5	ug/l
RSAM1W		False	11/08/2002	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	0.3	U	0.3	ug/l
RSAM1W		False	11/08/2002	Field Sample	8270	106-47-8	T	P-Chloroaniline	1.8	J	20	ug/l
RSAM1W		False	11/08/2002	Field Sample	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	0.2	U	0.2	ug/l
RSAM1W		False	11/08/2002	Field Sample	8151	87-86-5	T	Pentachlorophenol	1	U	1	ug/l
RSAM1W		False	11/08/2002	Field Sample	8270	85-01-8	T	Phenanthrene	10	U	10	ug/l
RSAM1W		False	11/08/2002	Field Sample	8270	108-95-2	T	Phenol	10	U	10	ug/l
RSAM1W		False	11/08/2002	Field Sample	8270	100-01-6	T	P-Nitroaniline	50	U	50	ug/l
RSAM1W-Filtered	RSAM1W	True	11/08/2002	Field Sample	6010	7440-09-7	D	Potassium	3.6		0.01	mg/l
RSAM1W		False	11/08/2002	Field Sample	6010	7440-09-7	T	Potassium	3.8		0.01	mg/l
RSAM1W		False	11/08/2002	Field Sample	8270	129-00-0	T	Pyrene	10	U	10	ug/l
RSAM1W-Filtered	RSAM1W	True	11/08/2002	Field Sample	6010	7782-49-2	D	Selenium	0.01	U	0.01	mg/l
RSAM1W		False	11/08/2002	Field Sample	6010	7782-49-2	T	Selenium	0.01	U	0.01	mg/l
RSAM1W-Filtered	RSAM1W	True	11/08/2002	Field Sample	6010	7440-22-4	D	Silver	0.01	U	0.01	mg/l
RSAM1W		False	11/08/2002	Field Sample	6010	7440-22-4	T	Silver	0.01	U	0.01	mg/l
RSAM1W-Filtered	RSAM1W	True	11/08/2002	Field Sample	6010	7440-23-5	D	Sodium	22	J	80	mg/l
RSAM1W		False	11/08/2002	Field Sample	6010	7440-23-5	T	Sodium	22	J	80	mg/l
RSAM1W		False	11/08/2002	Field Sample	8260	100-42-5	T	Styrene (Monomer)	1	U	1	ug/l
RSAM1W		False	11/08/2002	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	0.2	U	0.2	ug/l
RSAM1W		False	11/08/2002	Field Sample	8260	127-18-4	T	Tetrachloroethene	1	U	1	ug/l
RSAM1W-Filtered	RSAM1W	True	11/08/2002	Field Sample	6010	7440-28-0	D	Thallium	0.01	UJ	0.01	mg/l
RSAM1W		False	11/08/2002	Field Sample	6010	7440-28-0	T	Thallium	0.01	UJ	0.01	mg/l
RSAM1W		False	11/08/2002	Field Sample	8260	108-88-3	T	Toluene	1	U	1	ug/l
RSAM1W		False	11/08/2002	Field Sample	8081	8001-35-2	T	Toxaphene	5	U	5	ug/l
RSAM1W		False	11/08/2002	Field Sample	8260	10061-02-6	T	trans-1,3-Dichloropropene	1	U	1	ug/l
RSAM1W		False	11/08/2002	Field Sample	680	C-TRICHLOROB	T	Trichlorobiphenyl	0.1	U	0.1	ug/l
RSAM1W		False	11/08/2002	Field Sample	8260	79-01-6	T	Trichloroethylene	1	U	1	ug/l
RSAM1W-Filtered	RSAM1W	True	11/08/2002	Field Sample	6010	7440-62-2	D	Vanadium	0.01	U	0.01	mg/l
RSAM1W		False	11/08/2002	Field Sample	6010	7440-62-2	T	Vanadium	0.01	U	0.01	mg/l
RSAM1W		False	11/08/2002	Field Sample	8260	75-01-4	T	Vinyl chloride	1	U	1	ug/l
RSAM1W		False	11/08/2002	Field Sample	8260	1330-20-7	T	Xylenes, Total	2	U	2	ug/l
RSAM1W-Filtered	RSAM1W	True	11/08/2002	Field Sample	6010	7440-66-6	D	Zinc	0.02	U	0.02	mg/l
RSAM1W		False	11/08/2002	Field Sample	6010	7440-66-6	T	Zinc	0.02	U	0.02	mg/l
RSAM1W		False	11/17/2002	Field Sample	8260	71-55-6	T	1,1,1-Trichloroethane	1	UJ	1	ug/l
RSAM1W		False	11/17/2002	Field Sample	8260	79-34-5	T	1,1,2,2-Tetrachloroethane	1	U	1	ug/l
RSAM1W		False	11/17/2002	Field Sample	8260	79-00-5	T	1,1,2-Trichloroethane	1	U	1	ug/l
RSAM1W		False	11/17/2002	Field Sample	8260	75-34-3	T	1,1-Dichloroethane	1	U	1	ug/l
RSAM1W		False	11/17/2002	Field Sample	8260	75-35-4	T	1,1-Dichloroethylene	1	U	1	ug/l
RSAM1W		False	11/17/2002	Field Sample	8270	120-82-1	T	1,2,4-Trichlorobenzene	10	U	10	ug/l
RSAM1W		False	11/17/2002	Field Sample	8270	95-50-1	T	1,2-Dichlorobenzene	10	U	10	ug/l
RSAM1W		False	11/17/2002	Field Sample	8260	107-06-2	T	1,2-Dichloroethane	1	U	1	ug/l
RSAM1W		False	11/17/2002	Field Sample	8260	540-59-0	T	1,2-Dichloroethene (total)	2	U	2	ug/l
RSAM1W		False	11/17/2002	Field Sample	8260	78-87-5	T	1,2-Dichloropropane	1	U	1	ug/l
RSAM1W		False	11/17/2002	Field Sample	8270	541-73-1	T	1,3-Dichlorobenzene	10	U	10	ug/l
RSAM1W		False	11/17/2002	Field Sample	8270	106-46-7	T	1,4-Dichlorobenzene	10	U	10	ug/l
RSAM1W		False	11/17/2002	Field Sample	8270	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	10	U	10	ug/l
RSAM1W		False	11/17/2002	Field Sample	8151	93-76-5	T	2,4,5-T	0.5	U	0.5	ug/l
RSAM1W		False	11/17/2002	Field Sample	8151	93-72-1	T	2,4,5-TP (Silvex)	0.5	U	0.5	ug/l
RSAM1W		False	11/17/2002	Field Sample	8270	95-95-4	T	2,4,5-Trichlorophenol	10	U	10	ug/l
RSAM1W		False	11/17/2002	Field Sample	8270	88-06-2	T	2,4,6-Trichlorophenol	10	U	10	ug/l
RSAM1W		False	11/17/2002	Field Sample	8151	94-75-7	T	2,4-D	1.8	J	0.5	ug/l
RSAM1W		False	11/17/2002	Field Sample	8151	94-82-6	T	2,4-DB	0.5	U	0.5	ug/l
RSAM1W		False	11/17/2002	Field Sample	8270	120-83-2	T	2,4-Dichlorophenol	1.2	J	10	ug/l
RSAM1W		False	11/17/2002	Field Sample	8270	105-67-9	T	2,4-Dimethylphenol	10	U	10	ug/l
RSAM1W		False	11/17/2002	Field Sample	8270	51-28-5	T	2,4-Dinitrophenol	50	UJ	50	ug/l
RSAM1W		False	11/17/2002	Field Sample	8270	121-14-2	T	2,4-Dinitrotoluene	10	U	10	ug/l
RSAM1W		False	11/17/2002	Field Sample	8270	606-20-2	T	2,6-Dinitrotoluene	10	U	10	ug/l
RSAM1W		False	11/17/2002	Field Sample	8260	78-93-3	T	2-Butanone (MEK)	10	U	10	ug/l
RSAM1W		False	11/17/2002	Field Sample	8270	91-58-7	T	2-Chloronaphthalene	10	U	10	ug/l
RSAM1W		False	11/17/2002	Field Sample	8270	95-57-8	T	2-Chlorophenol	10	U	10	ug/l
RSAM1W		False	11/17/2002	Field Sample	8270	91-57-6	T	2-Methylnaphthalene	10	U	10	ug/l
RSAM1W		False	11/17/2002	Field Sample	8270	95-48-7	T	2-Methylphenol (o-Cresol)	10	U	10	ug/l
RSAM1W		False	11/17/2002	Field Sample	8270	88-74-4	T	2-Nitroaniline	50	UJ	50	ug/l
RSAM1W		False	11/17/2002	Field Sample	8270	88-75-5	T	2-Nitrophenol	10	U	10	ug/l
RSAM1W		False	11/17/2002	Field Sample	8270	91-94-1	T	3,3'-Dichlorobenzidine	20	U	20	ug/l
RSAM1W		False	11/17/2002	Field Sample	8270	105-44-5	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	10	U	10	ug/l
RSAM1W		False	11/17/2002	Field Sample	8270	99-09-2	T	3-Nitroaniline	50	UJ	50	ug/l
RSAM1W		False	11/17/2002	Field Sample	8081	72-54-8	T	4,4'-DDD	0.1	U	0.1	ug/l
RSAM1W		False	11/17/2002	Field Sample	8081	72-55-9	T	4,4'-DDE	0.1	U	0.1	ug/l
RSAM1W		False	11/17/2002	Field Sample	8081	50-29-3	T	4,4'-DDT	0.1	U	0.1	ug/l
RSAM1W		False	11/17/2002	Field Sample	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	50	U	50	ug/l
RSAM1W		False	11/17/2002	Field Sample	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	10	U	10	ug/l
RSAM1W		False	11/17/2002	Field Sample	8270	59-50-7	T	4-Chloro-3-methylphenol	10	U	10	ug/l
RSAM1W		False	11/17/2002	Field Sample	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	10	U	10	ug/l
RSAM1W		False	11/17/2002	Field Sample	8260	108-10-1	T	4-Methyl-2-pentanone (MIBK)	10	U	10	ug/l

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
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Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
RSAN1W		False	11/17/2002	Field Sample	7470	7439-97-6	T	Mercury	0.0002	U	0.0002	mg/l
RSAN1W		False	11/17/2002	Field Sample	8081	72-43-5	T	Methoxychlor	0.5	UJ	0.5	ug/l
RSAN1W		False	11/17/2002	Field Sample	8260	591-78-6	T	Methyl N-Butyl Ketone	10	U	10	ug/l
RSAN1W		False	11/17/2002	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	0.1	U	0.1	ug/l
RSAN1W		False	11/17/2002	Field Sample	8270	91-20-3	T	Naphthalene	10	U	10	ug/l
RSAN1W-Filtered	RSAN1W	True	11/17/2002	Field Sample	6010	7440-02-0	D	Nickel	0.04	U	0.04	mg/l
RSAN1W		False	11/17/2002	Field Sample	6010	7440-02-0	T	Nickel	0.04	U	0.04	mg/l
RSAN1W		False	11/17/2002	Field Sample	8270	98-95-3	T	Nitrobenzene	10	U	10	ug/l
RSAN1W		False	11/17/2002	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	10	U	10	ug/l
RSAN1W		False	11/17/2002	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	10	U	10	ug/l
RSAN1W		False	11/17/2002	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	0.5	U	0.5	ug/l
RSAN1W		False	11/17/2002	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	0.3	U	0.3	ug/l
RSAN1W		False	11/17/2002	Field Sample	8270	106-47-8	T	P-Chloroaniline	1.4	J	20	ug/l
RSAN1W		False	11/17/2002	Field Sample	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	0.2	U	0.2	ug/l
RSAN1W		False	11/17/2002	Field Sample	8151	87-86-5	T	Pentachlorophenol	1	U	1	ug/l
RSAN1W		False	11/17/2002	Field Sample	8270	85-01-8	T	Phenanthrene	10	U	10	ug/l
RSAN1W		False	11/17/2002	Field Sample	8270	108-95-2	T	Phenol	10	U	10	ug/l
RSAN1W		False	11/17/2002	Field Sample	8270	100-01-6	T	P-Nitroaniline	50	U	50	ug/l
RSAN1W-Filtered	RSAN1W	True	11/17/2002	Field Sample	6010	7440-09-7	D	Potassium	3.1		0.01	mg/l
RSAN1W		False	11/17/2002	Field Sample	6010	7440-09-7	T	Potassium	3.3		0.01	mg/l
RSAN1W		False	11/17/2002	Field Sample	8270	129-00-0	T	Pyrene	10	U	10	ug/l
RSAN1W-Filtered	RSAN1W	True	11/17/2002	Field Sample	6010	7782-49-2	D	Selenium	0.01	U	0.01	mg/l
RSAN1W		False	11/17/2002	Field Sample	6010	7782-49-2	T	Selenium	0.01	U	0.01	mg/l
RSAN1W-Filtered	RSAN1W	True	11/17/2002	Field Sample	6010	7440-22-4	D	Silver	0.01	U	0.01	mg/l
RSAN1W		False	11/17/2002	Field Sample	6010	7440-22-4	T	Silver	0.01	U	0.01	mg/l
RSAN1W-Filtered	RSAN1W	True	11/17/2002	Field Sample	6010	7440-23-5	D	Sodium	21		80	mg/l
RSAN1W		False	11/17/2002	Field Sample	6010	7440-23-5	T	Sodium	21		80	mg/l
RSAN1W		False	11/17/2002	Field Sample	8260	100-42-5	T	Styrene (Monomer)	1	U	1	ug/l
RSAN1W		False	11/17/2002	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	0.2	U	0.2	ug/l
RSAN1W		False	11/17/2002	Field Sample	8260	127-18-4	T	Tetrachloroethene	1	U	1	ug/l
RSAN1W-Filtered	RSAN1W	True	11/17/2002	Field Sample	6010	7440-28-0	D	Thallium	0.01	U	0.01	mg/l
RSAN1W		False	11/17/2002	Field Sample	6010	7440-28-0	T	Thallium	0.01	U	0.01	mg/l
RSAN1W		False	11/17/2002	Field Sample	8260	108-88-3	T	Toluene	1	U	1	ug/l
RSAN1W		False	11/17/2002	Field Sample	8081	8001-35-2	T	Toxaphene	5	U	5	ug/l
RSAN1W		False	11/17/2002	Field Sample	8260	10061-02-6	T	trans-1,3-Dichloropropene	1	U	1	ug/l
RSAN1W		False	11/17/2002	Field Sample	680	C-TRICHLOROB	T	Trichlorobiphenyl	0.1	U	0.1	ug/l
RSAN1W		False	11/17/2002	Field Sample	8260	79-01-6	T	Trichloroethylene	1	U	1	ug/l
RSAN1W		False	11/17/2002	Field Sample	6010	7440-62-2	T	Vanadium	0.0034	J	0.01	mg/l
RSAN1W-Filtered	RSAN1W	True	11/17/2002	Field Sample	6010	7440-62-2	D	Vanadium	0.01	U	0.01	mg/l
RSAN1W		False	11/17/2002	Field Sample	8260	75-01-4	T	Vinyl chloride	1	U	1	ug/l
RSAN1W		False	11/17/2002	Field Sample	8260	1330-20-7	T	Xylenes, Total	2	U	2	ug/l
RSAN1W		False	11/17/2002	Field Sample	6010	7440-66-6	T	Zinc	0.0042	J	0.02	mg/l
RSAN1W-Filtered	RSAN1W	True	11/17/2002	Field Sample	6010	7440-66-6	D	Zinc	0.02	U	0.02	mg/l
RSAU1W		False	11/08/2002	Field Sample	8260	71-55-6	T	1,1,1-Trichloroethane	1	UJ	1	ug/l
RSAU1W		False	11/08/2002	Field Sample	8260	79-34-5	T	1,1,2,2-Tetrachloroethane	1	U	1	ug/l
RSAU1W		False	11/08/2002	Field Sample	8260	79-00-5	T	1,1,2-Trichloroethane	1	U	1	ug/l
RSAU1W		False	11/08/2002	Field Sample	8260	75-34-3	T	1,1-Dichloroethane	1	U	1	ug/l
RSAU1W		False	11/08/2002	Field Sample	8260	75-35-4	T	1,1-Dichloroethylene	1	U	1	ug/l
RSAU1W		False	11/08/2002	Field Sample	8270	120-82-1	T	1,2,4-Trichlorobenzene	10	U	10	ug/l
RSAU1W		False	11/08/2002	Field Sample	8270	95-50-1	T	1,2-Dichlorobenzene	10	U	10	ug/l
RSAU1W		False	11/08/2002	Field Sample	8260	107-06-2	T	1,2-Dichloroethane	1	U	1	ug/l
RSAU1W		False	11/08/2002	Field Sample	8260	540-59-0	T	1,2-Dichloroethene (total)	2	U	2	ug/l
RSAU1W		False	11/08/2002	Field Sample	8260	78-87-5	T	1,2-Dichloropropane	1	U	1	ug/l
RSAU1W		False	11/08/2002	Field Sample	8270	541-73-1	T	1,3-Dichlorobenzene	10	U	10	ug/l
RSAU1W		False	11/08/2002	Field Sample	8270	106-46-7	T	1,4-Dichlorobenzene	10	U	10	ug/l
RSAU1W		False	11/08/2002	Field Sample	8270	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	10	U	10	ug/l
RSAU1W		False	11/08/2002	Field Sample	8151	93-76-5	T	2,4,5-T	0.5	U	0.5	ug/l
RSAU1W		False	11/08/2002	Field Sample	8151	93-72-1	T	2,4,5-TP (Silvex)	0.5	U	0.5	ug/l
RSAU1W		False	11/08/2002	Field Sample	8270	95-95-4	T	2,4,5-Trichlorophenol	10	U	10	ug/l
RSAU1W		False	11/08/2002	Field Sample	8270	88-06-2	T	2,4,6-Trichlorophenol	10	U	10	ug/l
RSAU1W		False	11/08/2002	Field Sample	8151	94-75-7	T	2,4-D	1.1		0.5	ug/l
RSAU1W		False	11/08/2002	Field Sample	8151	94-82-6	T	2,4-DB	0.5	UJ	0.5	ug/l
RSAU1W		False	11/08/2002	Field Sample	8270	120-83-2	T	2,4-Dichlorophenol	10	U	10	ug/l
RSAU1W		False	11/08/2002	Field Sample	8270	105-67-9	T	2,4-Dimethylphenol	10	U	10	ug/l
RSAU1W		False	11/08/2002	Field Sample	8270	51-28-5	T	2,4-Dinitrophenol	50	U	50	ug/l
RSAU1W		False	11/08/2002	Field Sample	8270	121-14-2	T	2,4-Dinitrotoluene	10	U	10	ug/l
RSAU1W		False	11/08/2002	Field Sample	8270	606-20-2	T	2,6-Dinitrotoluene	10	U	10	ug/l
RSAU1W		False	11/08/2002	Field Sample	8260	78-93-3	T	2-Butanone (MEK)	10	U	10	ug/l
RSAU1W		False	11/08/2002	Field Sample	8270	91-58-7	T	2-Chloronaphthalene	10	U	10	ug/l
RSAU1W		False	11/08/2002	Field Sample	8270	95-57-8	T	2-Chlorophenol	10	U	10	ug/l
RSAU1W		False	11/08/2002	Field Sample	8270	91-57-6	T	2-Methylnaphthalene	10	U	10	ug/l
RSAU1W		False	11/08/2002	Field Sample	8270	95-48-7	T	2-Methylphenol (o-Cresol)	10	U	10	ug/l
RSAU1W		False	11/08/2002	Field Sample	8270	88-74-4	T	2-Nitroaniline	50	U	50	ug/l
RSAU1W		False	11/08/2002	Field Sample	8270	88-75-5	T	2-Nitrophenol	10	U	10	ug/l
RSAU1W		False	11/08/2002	Field Sample	8270	91-94-1	T	3,3'-Dichlorobenzidine	20	U	20	ug/l
RSAU1W		False	11/08/2002	Field Sample	8270	108-44-5	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	10	U	10	ug/l
RSAU1W		False	11/08/2002	Field Sample	8270	99-09-2	T	3-Nitroaniline	50	U	50	ug/l
RSAU1W		False	11/08/2002	Field Sample	8081	72-54-8	T	4,4'-DDD	0.1	UJ	0.1	ug/l
RSAU1W		False	11/08/2002	Field Sample	8081	72-55-9	T	4,4'-DDE	0.1	UJ	0.1	ug/l
RSAU1W		False	11/08/2002	Field Sample	8081	50-29-3	T	4,4'-DDT	0.1	UJ	0.1	ug/l
RSAU1W		False	11/08/2002	Field Sample	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	50	U	50	ug/l
RSAU1W		False	11/08/2002	Field Sample	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	10	U	10	ug/l
RSAU1W		False	11/08/2002	Field Sample	8270	59-50-7	T	4-Chloro-3-methylphenol	10	U	10	ug/l
RSAU1W		False	11/08/2002	Field Sample	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	10	U	10	ug/l
RSAU1W		False	11/08/2002	Field Sample	8260	108-10-1	T	4-Methyl-2-pentanone (MIBK)	10	U	10	ug/l
RSAU1W		False	11/08/2002	Field Sample	8270	100-02-7	T	4-Nitrophenol	50	U	50	ug/l
RSAU1W		False	11/08/2002	Field Sample	8270	83-32-9	T	Acenaphthene	10	U	10	ug/l
RSAU1W		False	11/08/2002	Field Sample	8270	208-96-8	T	Acenaphthylene	10	U	10	ug/l
RSAU1W		False	11/08/2002	Field Sample	8260	67-64-1	T	Acetone	25	U	25	ug/l
RSAU1W		False	11/08/2002	Field Sample	8081	309-00-2	T	Aldrin	0.05	UJ	0.05	ug/l
RSAU1W		False	11/08/2002	Field Sample	8081	319-84-6	T	alpha-BHC	0.05	UJ	0.05	ug/l
RSAU1W		False	11/08/2002	Field Sample	8081	5103-71-9	T	alpha-Chlordane	0.05	UJ	0.05	ug/l
RSAU1W		False	11/08/2002	Field Sample	6010	7429-90-5	T	Aluminum	0.39	J	0.02	mg/l
RSAU1W-Filtered	RSAU1W	True	11/08/2002	Field Sample	6010	7429-90-5	D	Aluminum	0.2	U	0.2	mg/l
RSAU1W		False	11/08/2002	Field Sample	8270	120-12-7	T	Anthracene	10	U	10	ug/l
RSAU1W-Filtered	RSAU1W	True	11/08/2002	Field Sample	6010	7440-36-0	D	Antimony	0.02	U	0.02	mg/l
RSAU1W		False	11/08/2002	Field Sample	6010	7440-36-0	T	Antimony	0.02	U	0.02	mg/l
RSAU1W-Filtered	RSAU1W	True	11/08/2002	Field Sample	6010	7440-38-2	D	Arsenic	0.01	UJ	0.01	mg/l
RSAU1W		False	11/08/2002	Field Sample	6010	7440-38-2	T	Arsenic	0.01	UJ	0.01	mg/l
RSAU1W-Filtered	RSAU1W	True	11/08/2002	Field Sample	6010	7440-39-3	D	Barium	0.053		0.01	mg/l
RSAU1W		False	11/08/2002	Field Sample	6010	7440-39-3	T	Barium	0.062		0.01	mg/l
RSAU1W		False	11/08/2002	Field Sample	8260	71-43-2	T	Benzene	0.38	J	1	ug/l
RSAU1W		False	11/08/2002	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	10	U	10	ug/l
RSAU1W		False	11/08/2002	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	10	U	10	ug/l

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Matrix	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
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Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R5AU1W-Filtered	R5AU1W	True	11/08/2002	Field Sample	6010	7782-49-2	D	Selenium	0.01	U	0.01	mg/l
R5AU1W		False	11/08/2002	Field Sample	6010	7782-49-2	T	Selenium	0.01	U	0.01	mg/l
R5AU1W-Filtered	R5AU1W	True	11/08/2002	Field Sample	6010	7440-22-4	D	Silver	0.01	U	0.01	mg/l
R5AU1W		False	11/08/2002	Field Sample	6010	7440-22-4	T	Silver	0.01	U	0.01	mg/l
R5AU1W-Filtered	R5AU1W	True	11/08/2002	Field Sample	6010	7440-23-5	D	Sodium	21	J	60	mg/l
R5AU1W		False	11/08/2002	Field Sample	6010	7440-23-5	T	Sodium	22	J	60	mg/l
R5AU1W		False	11/08/2002	Field Sample	8260	100-42-5	T	Styrene (Monomer)	1	U	1	ug/l
R5AU1W		False	11/08/2002	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	0.2	U	0.2	ug/l
R5AU1W		False	11/08/2002	Field Sample	8260	127-18-4	T	Tetrachloroethene	1	U	1	ug/l
R5AU1W-Filtered	R5AU1W	True	11/08/2002	Field Sample	6010	7440-28-0	D	Thallium	0.01	UJ	0.01	mg/l
R5AU1W		False	11/08/2002	Field Sample	6010	7440-28-0	T	Thallium	0.01	UJ	0.01	mg/l
R5AU1W		False	11/08/2002	Field Sample	8260	108-88-3	T	Toluene	1	U	1	ug/l
R5AU1W		False	11/08/2002	Field Sample	8081	8001-35-2	T	Toxaphene	5	UJ	5	ug/l
R5AU1W		False	11/08/2002	Field Sample	8260	10061-02-6	T	trans-1,3-Dichloropropene	1	U	1	ug/l
R5AU1W		False	11/08/2002	Field Sample	680	C-TRICHLOROB	T	Trichlorobiphenyl	0.1	U	0.1	ug/l
R5AU1W		False	11/08/2002	Field Sample	8260	79-01-6	T	Trichloroethylene	1	U	1	ug/l
R5AU1W-Filtered	R5AU1W	True	11/08/2002	Field Sample	6010	7440-62-2	D	Vanadium	0.01	U	0.01	mg/l
R5AU1W		False	11/08/2002	Field Sample	6010	7440-62-2	T	Vanadium	0.01	U	0.01	mg/l
R5AU1W		False	11/08/2002	Field Sample	8260	75-01-4	T	Vinyl chloride	1	U	1	ug/l
R5AU1W		False	11/08/2002	Field Sample	8260	1330-20-7	T	Xylenes, Total	2	U	2	ug/l
R5AU1W-Filtered	R5AU1W	True	11/08/2002	Field Sample	6010	7440-66-6	D	Zinc	0.02	U	0.02	mg/l
R5AU1W		False	11/08/2002	Field Sample	6010	7440-66-6	T	Zinc	0.02	U	0.02	mg/l
R5BD1W		False	11/08/2002	Field Sample	8260	71-55-6	T	1,1,1-Trichloroethane	1	UJ	1	ug/l
R5BD1W		False	11/08/2002	Field Sample	8260	79-34-5	T	1,1,2,2-Tetrachloroethane	1	U	1	ug/l
R5BD1W		False	11/08/2002	Field Sample	8260	79-00-5	T	1,1,2-Trichloroethane	1	U	1	ug/l
R5BD1W		False	11/08/2002	Field Sample	8260	75-34-3	T	1,1-Dichloroethane	1	U	1	ug/l
R5BD1W		False	11/08/2002	Field Sample	8260	75-35-4	T	1,1-Dichloroethylene	1	U	1	ug/l
R5BD1W		False	11/08/2002	Field Sample	8270	120-82-1	T	1,2,4-Trichlorobenzene	10	U	10	ug/l
R5BD1W		False	11/08/2002	Field Sample	8270	95-50-1	T	1,2-Dichlorobenzene	10	U	10	ug/l
R5BD1W		False	11/08/2002	Field Sample	8260	107-06-2	T	1,2-Dichloroethane	1	U	1	ug/l
R5BD1W		False	11/08/2002	Field Sample	8260	540-59-0	T	1,2-Dichloroethene (total)	2	U	2	ug/l
R5BD1W		False	11/08/2002	Field Sample	8260	78-87-5	T	1,2-Dichloropropane	1	U	1	ug/l
R5BD1W		False	11/08/2002	Field Sample	8270	541-73-1	T	1,3-Dichlorobenzene	10	U	10	ug/l
R5BD1W		False	11/08/2002	Field Sample	8270	106-46-7	T	1,4-Dichlorobenzene	10	U	10	ug/l
R5BD1W		False	11/08/2002	Field Sample	8270	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	10	U	10	ug/l
R5BD1W		False	11/08/2002	Field Sample	8151	93-76-5	T	2,4,5-T	0.5	U	0.5	ug/l
R5BD1W		False	11/08/2002	Field Sample	8151	93-72-1	T	2,4,5-TP (Silvex)	0.5	U	0.5	ug/l
R5BD1W		False	11/08/2002	Field Sample	8270	95-95-4	T	2,4,5-Trichlorophenol	10	U	10	ug/l
R5BD1W		False	11/08/2002	Field Sample	8270	88-06-2	T	2,4,6-Trichlorophenol	10	U	10	ug/l
R5BD1W		False	11/08/2002	Field Sample	8151	94-75-7	T	2,4-D	0.72		0.5	ug/l
R5BD1W		False	11/08/2002	Field Sample	8151	94-82-6	T	2,4-DB	0.5	UJ	0.5	ug/l
R5BD1W		False	11/08/2002	Field Sample	8270	120-83-2	T	2,4-Dichlorophenol	10	U	10	ug/l
R5BD1W		False	11/08/2002	Field Sample	8270	105-67-9	T	2,4-Dimethylphenol	10	U	10	ug/l
R5BD1W		False	11/08/2002	Field Sample	8270	51-28-5	T	2,4-Dinitrophenol	50	U	50	ug/l
R5BD1W		False	11/08/2002	Field Sample	8270	121-14-2	T	2,4-Dinitrotoluene	10	U	10	ug/l
R5BD1W		False	11/08/2002	Field Sample	8270	606-20-2	T	2,6-Dinitrotoluene	10	U	10	ug/l
R5BD1W		False	11/08/2002	Field Sample	8260	78-93-3	T	2-Butanone (MEK)	10	U	10	ug/l
R5BD1W		False	11/08/2002	Field Sample	8270	91-58-7	T	2-Chloronaphthalene	10	U	10	ug/l
R5BD1W		False	11/08/2002	Field Sample	8270	95-57-8	T	2-Chlorophenol	10	U	10	ug/l
R5BD1W		False	11/08/2002	Field Sample	8270	91-57-6	T	2-Methylnaphthalene	10	U	10	ug/l
R5BD1W		False	11/08/2002	Field Sample	8270	95-48-7	T	2-Methylphenol (o-Cresol)	10	U	10	ug/l
R5BD1W		False	11/08/2002	Field Sample	8270	88-74-4	T	2-Nitroaniline	50	U	50	ug/l
R5BD1W		False	11/08/2002	Field Sample	8270	88-75-5	T	2-Nitrophenol	10	U	10	ug/l
R5BD1W		False	11/08/2002	Field Sample	8270	91-94-1	T	3,3'-Dichlorobenzidine	20	U	20	ug/l
R5BD1W		False	11/08/2002	Field Sample	8270	108-44-5	T	3-Methylphenol/4-Methylphenol (mlp-Cresol)	10	U	10	ug/l
R5BD1W		False	11/08/2002	Field Sample	8270	99-09-2	T	3-Nitroaniline	50	U	50	ug/l
R5BD1W		False	11/08/2002	Field Sample	8081	72-54-8	T	4,4'-DDD	0.1	U	0.1	ug/l
R5BD1W		False	11/08/2002	Field Sample	8081	72-55-9	T	4,4'-DDE	0.1	U	0.1	ug/l
R5BD1W		False	11/08/2002	Field Sample	8081	50-29-3	T	4,4'-DDT	0.1	U	0.1	ug/l
R5BD1W		False	11/08/2002	Field Sample	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	50	U	50	ug/l
R5BD1W		False	11/08/2002	Field Sample	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	10	U	10	ug/l
R5BD1W		False	11/08/2002	Field Sample	8270	59-50-7	T	4-Chloro-3-methylphenol	10	U	10	ug/l
R5BD1W		False	11/08/2002	Field Sample	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	10	U	10	ug/l
R5BD1W		False	11/08/2002	Field Sample	8260	108-10-1	T	4-Methyl-2-pentanone (MIBK)	10	U	10	ug/l
R5BD1W		False	11/08/2002	Field Sample	8270	100-02-7	T	4-Nitrophenol	50	U	50	ug/l
R5BD1W		False	11/08/2002	Field Sample	8270	83-32-9	T	Acenaphthene	10	U	10	ug/l
R5BD1W		False	11/08/2002	Field Sample	8270	208-96-8	T	Acenaphthylene	10	U	10	ug/l
R5BD1W		False	11/08/2002	Field Sample	8260	67-64-1	T	Acetone	25	U	25	ug/l
R5BD1W		False	11/08/2002	Field Sample	8081	309-00-2	T	Aldrin	0.05	U	0.05	ug/l
R5BD1W		False	11/08/2002	Field Sample	8081	319-84-6	T	alpha-BHC	0.05	U	0.05	ug/l
R5BD1W		False	11/08/2002	Field Sample	8081	5103-71-9	T	alpha-Chlordane	0.05	U	0.05	ug/l
R5BD1W		False	11/08/2002	Field Sample	6010	7429-90-5	T	Aluminum	0.46	J	0.02	mg/l
R5BD1W-Filtered	R5BD1W	True	11/08/2002	Field Sample	6010	7429-90-5	D	Aluminum	0.2	U	0.2	mg/l
R5BD1W		False	11/08/2002	Field Sample	8270	120-12-7	T	Anthracene	10	U	10	ug/l
R5BD1W-Filtered	R5BD1W	True	11/08/2002	Field Sample	6010	7440-36-0	D	Antimony	0.02	U	0.02	mg/l
R5BD1W		False	11/08/2002	Field Sample	6010	7440-36-0	T	Antimony	0.02	U	0.02	mg/l
R5BD1W-Filtered	R5BD1W	True	11/08/2002	Field Sample	6010	7440-38-2	D	Arsenic	0.01	UJ	0.01	mg/l
R5BD1W		False	11/08/2002	Field Sample	6010	7440-38-2	T	Arsenic	0.01	UJ	0.01	mg/l
R5BD1W-Filtered	R5BD1W	True	11/08/2002	Field Sample	6010	7440-39-3	D	Barium	0.054		0.01	mg/l
R5BD1W		False	11/08/2002	Field Sample	6010	7440-39-3	T	Barium	0.061		0.01	mg/l
R5BD1W		False	11/08/2002	Field Sample	8260	71-43-2	T	Benzene	1	U	1	ug/l
R5BD1W		False	11/08/2002	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	10	U	10	ug/l
R5BD1W		False	11/08/2002	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	10	U	10	ug/l
R5BD1W		False	11/08/2002	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	10	U	10	ug/l
R5BD1W		False	11/08/2002	Field Sample	8270	191-24-2	T	Benzo(g,h,i)perylene	10	U	10	ug/l
R5BD1W		False	11/08/2002	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	10	U	10	ug/l
R5BD1W		False	11/08/2002	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	10	U	10	ug/l
R5BD1W-Filtered	R5BD1W	True	11/08/2002	Field Sample	6010	7440-41-7	D	Beryllium	0.004	U	0.004	mg/l
R5BD1W		False	11/08/2002	Field Sample	6010	7440-41-7	T	Beryllium	0.004	U	0.004	mg/l
R5BD1W		False	11/08/2002	Field Sample	8081	319-85-7	T	beta-BHC	0.05	U	0.05	ug/l
R5BD1W		False	11/08/2002	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	10	U	10	ug/l
R5BD1W		False	11/08/2002	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	10	U	10	ug/l
R5BD1W		False	11/08/2002	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	10	U	10	ug/l
R5BD1W		False	11/08/2002	Field Sample	8260	75-27-4	T	Bromodichloromethane	1	UJ	1	ug/l
R5BD1W		False	11/08/2002	Field Sample	8260	75-25-2	T	Bromoform	1	U	1	ug/l
R5BD1W		False	11/08/2002	Field Sample	8260	74-83-9	T	Bromomethane	1	U	1	ug/l
R5BD1W-Filtered	R5BD1W	True	11/08/2002	Field Sample	6010	7440-43-9	D	Cadmium	0.005	U	0.005	mg/l
R5BD1W		False	11/08/2002	Field Sample	6010	7440-43-9	T	Cadmium	0.005	U	0.005	mg/l
R5BD1W-Filtered	R5BD1W	True	11/08/2002	Field Sample	6010	7440-70-2	D	Calcium	82		0.5	mg/l
R5BD1W		False	11/08/2002	Field Sample	6010	7440-70-2	T	Calcium	82		0.5	mg/l
R5BD1W		False	11/08/2002	Field Sample	8270	86-74-8	T	Carbazole	10	U	10	ug/l
R5BD1W		False	11/08/2002	Field Sample	8260	75-15-0	T	Carbon Disulfide	1	U	1	ug/l
R5BD1W		False	11/08/2002	Field Sample	8260	56-23-5	T	Carbon Tetrachloride	1	UJ	1	ug/l

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	J	1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	1	U	1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	1	U	1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	1	U	1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	1	UJ	1	[illegible]
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[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	1	U	1	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	[illegible]	[illegible]	U	[illegible]	[illegible]
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Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R5BD1W		False	11/08/2002	Field Sample	8260	75-01-4	T	Vinyl chloride	1	U	1	ug/l
R5BD1W		False	11/08/2002	Field Sample	8260	1330-20-7	T	Xylenes, Total	2	U	2	ug/l
R5BD1W-Filtered	R5BD1W	True	11/08/2002	Field Sample	6010	7440-66-6	D	Zinc	0.02	U	0.02	mg/l
R5BD1W		False	11/08/2002	Field Sample	6010	7440-66-6	T	Zinc	0.02	U	0.02	mg/l
R5BM1W		False	11/08/2002	Field Sample	8260	71-55-6	T	1,1,1-Trichloroethane	1	UJ	1	ug/l
R5BM1W		False	11/08/2002	Field Sample	8260	79-34-5	T	1,1,2,2-Tetrachloroethane	1	U	1	ug/l
R5BM1W		False	11/08/2002	Field Sample	8260	79-00-5	T	1,1,2-Trichloroethane	1	U	1	ug/l
R5BM1W		False	11/08/2002	Field Sample	8260	75-34-3	T	1,1-Dichloroethane	1	U	1	ug/l
R5BM1W		False	11/08/2002	Field Sample	8260	75-35-4	T	1,1-Dichloroethylene	1	U	1	ug/l
R5BM1W		False	11/08/2002	Field Sample	8290	35822-46-9	T	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	0.0000018	U	0.0000018	ug/l
R5BM1W		False	11/08/2002	Field Sample	8290	67562-39-4	T	1,2,3,4,6,7,8-HpCDF	0.00000075	U	0.00000075	ug/l
R5BM1W		False	11/08/2002	Field Sample	8290	55673-89-7	T	1,2,3,4,7,8,9-HpCDF	0.00000049	U	0.00000049	ug/l
R5BM1W		False	11/08/2002	Field Sample	8290	39227-28-6	T	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.0000011	U	0.0000011	ug/l
R5BM1W		False	11/08/2002	Field Sample	8290	70648-26-9	T	1,2,3,4,7,8-HxCDF	0.00000088	U	0.00000088	ug/l
R5BM1W		False	11/08/2002	Field Sample	8290	57653-85-7	T	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	0.000001	U	0.000001	ug/l
R5BM1W		False	11/08/2002	Field Sample	8290	57117-44-9	T	1,2,3,6,7,8-HxCDF	0.0000008	U	0.0000008	ug/l
R5BM1W		False	11/08/2002	Field Sample	8290	19408-74-3	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.00000092	U	0.00000092	ug/l
R5BM1W		False	11/08/2002	Field Sample	8290	72918-21-9	T	1,2,3,7,8,9-HxCDF	0.00000099	U	0.00000099	ug/l
R5BM1W		False	11/08/2002	Field Sample	8290	57117-41-6	T	1,2,3,7,8-Pentachlorodibenzofuran	0.00000077	U	0.00000077	ug/l
R5BM1W		False	11/08/2002	Field Sample	8290	40321-76-4	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.0000017	U	0.0000017	ug/l
R5BM1W		False	11/08/2002	Field Sample	8270	120-82-1	T	1,2,4-Trichlorobenzene	10	U	10	ug/l
R5BM1W		False	11/08/2002	Field Sample	8270	95-50-1	T	1,2-Dichlorobenzene	10	U	10	ug/l
R5BM1W		False	11/08/2002	Field Sample	8260	107-06-2	T	1,2-Dichloroethane	1	U	1	ug/l
R5BM1W		False	11/08/2002	Field Sample	8260	540-59-0	T	1,2-Dichloroethene (total)	2	U	2	ug/l
R5BM1W		False	11/08/2002	Field Sample	8260	78-87-5	T	1,2-Dichloropropane	1	U	1	ug/l
R5BM1W		False	11/08/2002	Field Sample	8270	541-73-1	T	1,3-Dichlorobenzene	10	U	10	ug/l
R5BM1W		False	11/08/2002	Field Sample	8270	106-46-7	T	1,4-Dichlorobenzene	10	U	10	ug/l
R5BM1W		False	11/08/2002	Field Sample	8270	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	10	U	10	ug/l
R5BM1W		False	11/08/2002	Field Sample	8290	60851-34-5	T	2,3,4,6,7,8-HxCDF	0.0000009	U	0.0000009	ug/l
R5BM1W		False	11/08/2002	Field Sample	8290	57117-31-4	T	2,3,4,7,8-PeCDF	0.00000074	U	0.00000074	ug/l
R5BM1W		False	11/08/2002	Field Sample	8290	1746-01-6	T	2,3,7,8-TCDD	0.00000089	UJ	0.00000089	ug/l
R5BM1W		False	11/08/2002	Field Sample	8290	51207-31-9	T	2,3,7,8-Tetrachlorodibenzofuran	0.0000011	U	0.0000011	ug/l
R5BM1W		False	11/08/2002	Field Sample	8151	93-76-5	T	2,4,5-T	0.5	U	0.5	ug/l
R5BM1W		False	11/08/2002	Field Sample	8151	93-72-1	T	2,4,5-TP (Silvex)	0.5	U	0.5	ug/l
R5BM1W		False	11/08/2002	Field Sample	8270	95-95-4	T	2,4,5-Trichlorophenol	10	U	10	ug/l
R5BM1W		False	11/08/2002	Field Sample	8270	88-06-2	T	2,4,6-Trichlorophenol	10	U	10	ug/l
R5BM1W		False	11/08/2002	Field Sample	8151	94-75-7	T	2,4-D	1.1		0.5	ug/l
R5BM1W		False	11/08/2002	Field Sample	8151	94-82-6	T	2,4-DB	0.5	UJ	0.5	ug/l
R5BM1W		False	11/08/2002	Field Sample	8270	120-83-2	T	2,4-Dichlorophenol	10	U	10	ug/l
R5BM1W		False	11/08/2002	Field Sample	8270	105-67-9	T	2,4-Dimethylphenol	10	U	10	ug/l
R5BM1W		False	11/08/2002	Field Sample	8270	51-28-5	T	2,4-Dinitrophenol	50	U	50	ug/l
R5BM1W		False	11/08/2002	Field Sample	8270	121-14-2	T	2,4-Dinitrotoluene	10	U	10	ug/l
R5BM1W		False	11/08/2002	Field Sample	8270	606-20-2	T	2,6-Dinitrotoluene	10	U	10	ug/l
R5BM1W		False	11/08/2002	Field Sample	8260	78-93-3	T	2-Butanone (MEK)	10	U	10	ug/l
R5BM1W		False	11/08/2002	Field Sample	8270	91-58-7	T	2-Chloronaphthalene	10	U	10	ug/l
R5BM1W		False	11/08/2002	Field Sample	8270	95-57-8	T	2-Chlorophenol	10	U	10	ug/l
R5BM1W		False	11/08/2002	Field Sample	8270	91-57-6	T	2-Methylnaphthalene	10	U	10	ug/l
R5BM1W		False	11/08/2002	Field Sample	8270	95-48-7	T	2-Methylphenol (o-Cresol)	10	U	10	ug/l
R5BM1W		False	11/08/2002	Field Sample	8270	88-74-4	T	2-Nitroaniline	50	U	50	ug/l
R5BM1W		False	11/08/2002	Field Sample	8270	88-75-5	T	2-Nitrophenol	10	U	10	ug/l
R5BM1W		False	11/08/2002	Field Sample	8270	91-94-1	T	3,3'-Dichlorobenzidine	20	U	20	ug/l
R5BM1W		False	11/08/2002	Field Sample	8270	106-44-5	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	10	U	10	ug/l
R5BM1W		False	11/08/2002	Field Sample	8270	99-09-2	T	3-Nitroaniline	50	U	50	ug/l
R5BM1W		False	11/08/2002	Field Sample	8081	72-54-8	T	4,4'-DDD	0.1	UJ	0.1	ug/l
R5BM1W		False	11/08/2002	Field Sample	8081	72-55-9	T	4,4'-DDE	0.1	UJ	0.1	ug/l
R5BM1W		False	11/08/2002	Field Sample	8081	50-29-3	T	4,4'-DDT	0.1	UJ	0.1	ug/l
R5BM1W		False	11/08/2002	Field Sample	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	50	U	50	ug/l
R5BM1W		False	11/08/2002	Field Sample	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	10	U	10	ug/l
R5BM1W		False	11/08/2002	Field Sample	8270	59-50-7	T	4-Chloro-3-methylphenol	10	U	10	ug/l
R5BM1W		False	11/08/2002	Field Sample	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	10	U	10	ug/l
R5BM1W		False	11/08/2002	Field Sample	8260	108-10-1	T	4-Methyl-2-pentanone (MIBK)	10	U	10	ug/l
R5BM1W		False	11/08/2002	Field Sample	8270	100-02-7	T	4-Nitrophenol	50	U	50	ug/l
R5BM1W		False	11/08/2002	Field Sample	8270	83-32-9	T	Acenaphthene	10	U	10	ug/l
R5BM1W		False	11/08/2002	Field Sample	8270	208-96-8	T	Acenaphthylene	10	U	10	ug/l
R5BM1W		False	11/08/2002	Field Sample	8260	67-64-1	T	Acetone	25	U	25	ug/l
R5BM1W		False	11/08/2002	Field Sample	8081	309-00-2	T	Aldrin	0.05	UJ	0.05	ug/l
R5BM1W		False	11/08/2002	Field Sample	8081	319-84-6	T	alpha-BHC	0.05	UJ	0.05	ug/l
R5BM1W		False	11/08/2002	Field Sample	8081	5103-71-9	T	alpha-Chlordane	0.05	UJ	0.05	ug/l
R5BM1W		False	11/08/2002	Field Sample	6010	7429-90-5	T	Aluminum	0.72	J	0.02	mg/l
R5BM1W-Filtered	R5BM1W	True	11/08/2002	Field Sample	6010	7429-90-5	D	Aluminum	0.2	U	0.2	mg/l
R5BM1W		False	11/08/2002	Field Sample	8270	120-12-7	T	Anthracene	10	U	10	ug/l
R5BM1W-Filtered	R5BM1W	True	11/08/2002	Field Sample	6010	7440-36-0	D	Antimony	0.02	U	0.02	mg/l
R5BM1W		False	11/08/2002	Field Sample	6010	7440-36-0	T	Antimony	0.02	U	0.02	mg/l
R5BM1W-Filtered	R5BM1W	True	11/08/2002	Field Sample	6010	7440-38-2	D	Arsenic	0.01	UJ	0.01	mg/l
R5BM1W		False	11/08/2002	Field Sample	6010	7440-38-2	T	Arsenic	0.01	UJ	0.01	mg/l
R5BM1W-Filtered	R5BM1W	True	11/08/2002	Field Sample	6010	7440-39-3	D	Barium	0.054		0.01	mg/l
R5BM1W		False	11/08/2002	Field Sample	6010	7440-39-3	T	Barium	0.062		0.01	mg/l
R5BM1W		False	11/08/2002	Field Sample	8260	71-43-2	T	Benzene	0.24	J	1	ug/l
R5BM1W		False	11/08/2002	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	10	U	10	ug/l
R5BM1W		False	11/08/2002	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	10	U	10	ug/l
R5BM1W		False	11/08/2002	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	10	U	10	ug/l
R5BM1W		False	11/08/2002	Field Sample	8270	191-24-2	T	Benzo(g,h,i)perylene	10	U	10	ug/l
R5BM1W		False	11/08/2002	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	10	U	10	ug/l
R5BM1W		False	11/08/2002	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	10	U	10	ug/l
R5BM1W-Filtered	R5BM1W	True	11/08/2002	Field Sample	6010	7440-41-7	D	Beryllium	0.004	U	0.004	mg/l
R5BM1W		False	11/08/2002	Field Sample	6010	7440-41-7	T	Beryllium	0.004	U	0.004	mg/l
R5BM1W		False	11/08/2002	Field Sample	8081	319-85-7	T	beta-BHC	0.05	UJ	0.05	ug/l
R5BM1W		False	11/08/2002	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	10	U	10	ug/l
R5BM1W		False	11/08/2002	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	10	U	10	ug/l
R5BM1W		False	11/08/2002	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	10	U	10	ug/l
R5BM1W		False	11/08/2002	Field Sample	8260	75-27-4	T	Bromodichloromethane	1	UJ	1	ug/l
R5BM1W		False	11/08/2002	Field Sample	8260	75-25-2	T	Bromoform	1	U	1	ug/l
R5BM1W		False	11/08/2002	Field Sample	8260	74-83-9	T	Bromomethane	1	U	1	ug/l
R5BM1W-Filtered	R5BM1W	True	11/08/2002	Field Sample	6010	7440-43-9	D	Cadmium	0.005	U	0.005	mg/l
R5BM1W		False	11/08/2002	Field Sample	6010	7440-43-9	T	Cadmium	0.005	U	0.005	mg/l
R5BM1W-Filtered	R5BM1W	True	11/08/2002	Field Sample	6010	7440-70-2	D	Calcium	52		0.5	mg/l
R5BM1W		False	11/08/2002	Field Sample	6010	7440-70-2	T	Calcium	52		0.5	mg/l
R5BM1W		False	11/08/2002	Field Sample	8270	86-74-8	T	Carbazole	10	U	10	ug/l
R5BM1W		False	11/08/2002	Field Sample	8260	75-15-0	T	Carbon Disulfide	1	U	1	ug/l
R5BM1W		False	11/08/2002	Field Sample	8260	56-23-5	T	Carbon Tetrachloride	1	UJ	1	ug/l
R5BM1W		False	11/08/2002	Field Sample	8260	108-90-7	T	Chlorobenzene	1.2		1	ug/l
R5BM1W		False	11/08/2002	Field Sample	8260	124-48-1	T	Chlorodibromomethane	1	U	1	ug/l
R5BM1W		False	11/08/2002	Field Sample	8260	75-00-3	T	Chloroethane	1	U	1	ug/l
R5BM1W		False	11/08/2002	Field Sample	8260	67-66-3	T	Chloroform	1	U	1	ug/l
R5BM1W		False	11/08/2002	Field Sample	8260	74-87-3	T	Chloromethane	1	UJ	1	ug/l
R5BM1W-Filtered	R5BM1W	True	11/08/2002	Field Sample	6010	7440-47-3	D	Chromium	0.01	U	0.01	mg/l
R5BM1W		False	11/08/2002	Field Sample	6010	7440-47-3	T	Chromium	0.01	U	0.01	mg/l

Appendix II-C

Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R5BN1W-Filtered	R5BN1W	True	11/06/2002	Field Sample	6010	7440-62-2	D	Vanadium	0.01	U	0.01	ug/l
R5BN1W		False	11/06/2002	Field Sample	6010	7440-62-2	T	Vanadium	0.01	U	0.01	ug/l
R5BN1W		False	11/06/2002	Field Sample	8260	75-01-4	T	Vinyl chloride	1	U	1	ug/l
R5BN1W		False	11/06/2002	Field Sample	8260	1330-20-7	T	Xylenes, Total	2	U	2	ug/l
R5BN1W-Filtered	R5BN1W	True	11/06/2002	Field Sample	6010	7440-66-6	D	Zinc	0.02	U	0.02	ug/l
R5BN1W		False	11/06/2002	Field Sample	6010	7440-66-6	T	Zinc	0.02	U	0.02	ug/l
R5BN1W		False	11/17/2002	Field Sample	8260	71-55-6	T	1,1,1-Trichloroethane	1	UJ	1	ug/l
R5BN1W		False	11/17/2002	Field Sample	8260	79-34-5	T	1,1,2,2-Tetrachloroethane	1	U	1	ug/l
R5BN1W		False	11/17/2002	Field Sample	8260	79-00-5	T	1,1,2-Trichloroethane	1	U	1	ug/l
R5BN1W		False	11/17/2002	Field Sample	8260	75-34-3	T	1,1-Dichloroethane	1	U	1	ug/l
R5BN1W		False	11/17/2002	Field Sample	8260	75-35-4	T	1,1-Dichloroethylene	1	U	1	ug/l
R5BN1W		False	11/17/2002	Field Sample	8270	120-82-1	T	1,2,4-Trichlorobenzene	10	U	10	ug/l
R5BN1W		False	11/17/2002	Field Sample	8270	95-50-1	T	1,2-Dichlorobenzene	10	U	10	ug/l
R5BN1W		False	11/17/2002	Field Sample	8260	107-06-2	T	1,2-Dichloroethane	1	U	1	ug/l
R5BN1W		False	11/17/2002	Field Sample	8260	540-59-0	T	1,2-Dichloroethene (total)	0.36	J	2	ug/l
R5BN1W		False	11/17/2002	Field Sample	8260	78-87-5	T	1,2-Dichloropropane	1	U	1	ug/l
R5BN1W		False	11/17/2002	Field Sample	8270	541-73-1	T	1,3-Dichlorobenzene	10	U	10	ug/l
R5BN1W		False	11/17/2002	Field Sample	8270	106-46-7	T	1,4-Dichlorobenzene	10	U	10	ug/l
R5BN1W		False	11/17/2002	Field Sample	8270	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	10	U	10	ug/l
R5BN1W		False	11/17/2002	Field Sample	8151	93-76-5	T	2,4,5-T	0.5	U	0.5	ug/l
R5BN1W		False	11/17/2002	Field Sample	8151	93-72-1	T	2,4,5-TP (Silvex)	0.5	U	0.5	ug/l
R5BN1W		False	11/17/2002	Field Sample	8270	95-95-4	T	2,4,5-Trichlorophenol	10	U	10	ug/l
R5BN1W		False	11/17/2002	Field Sample	8270	88-06-2	T	2,4,6-Trichlorophenol	10	U	10	ug/l
R5BN1W		False	11/17/2002	Field Sample	8151	94-75-7	T	2,4-D	1.6	J	0.5	ug/l
R5BN1W		False	11/17/2002	Field Sample	8151	94-82-6	T	2,4-DB	0.5	U	0.5	ug/l
R5BN1W		False	11/17/2002	Field Sample	8270	120-83-2	T	2,4-Dichlorophenol	10	U	10	ug/l
R5BN1W		False	11/17/2002	Field Sample	8270	105-67-9	T	2,4-Dimethylphenol	10	U	10	ug/l
R5BN1W		False	11/17/2002	Field Sample	8270	51-28-5	T	2,4-Dinitrophenol	50	UJ	50	ug/l
R5BN1W		False	11/17/2002	Field Sample	8270	121-14-2	T	2,4-Dinitrotoluene	10	U	10	ug/l
R5BN1W		False	11/17/2002	Field Sample	8270	606-20-2	T	2,6-Dinitrotoluene	10	U	10	ug/l
R5BN1W		False	11/17/2002	Field Sample	8260	78-93-3	T	2-Butanone (MEK)	10	U	10	ug/l
R5BN1W		False	11/17/2002	Field Sample	8270	91-58-7	T	2-Chloronaphthalene	10	U	10	ug/l
R5BN1W		False	11/17/2002	Field Sample	8270	95-57-8	T	2-Chlorophenol	10	U	10	ug/l
R5BN1W		False	11/17/2002	Field Sample	8270	91-57-6	T	2-Methylnaphthalene	10	U	10	ug/l
R5BN1W		False	11/17/2002	Field Sample	8270	95-48-7	T	2-Methylphenol (o-Cresol)	10	U	10	ug/l
R5BN1W		False	11/17/2002	Field Sample	8270	88-74-4	T	2-Nitroaniline	50	UJ	50	ug/l
R5BN1W		False	11/17/2002	Field Sample	8270	88-75-5	T	2-Nitrophenol	10	U	10	ug/l
R5BN1W		False	11/17/2002	Field Sample	8270	91-94-1	T	3,3'-Dichlorobenzidine	20	U	20	ug/l
R5BN1W		False	11/17/2002	Field Sample	8270	106-44-5	T	3-Methylphenol/4-Methylphenol (mix p-Cresol)	10	U	10	ug/l
R5BN1W		False	11/17/2002	Field Sample	8270	99-09-2	T	3-Nitroaniline	50	UJ	50	ug/l
R5BN1W		False	11/17/2002	Field Sample	8081	72-54-8	T	4,4'-DDD	0.1	UJ	0.1	ug/l
R5BN1W		False	11/17/2002	Field Sample	8081	72-55-9	T	4,4'-DDE	0.1	UJ	0.1	ug/l
R5BN1W		False	11/17/2002	Field Sample	8081	50-29-3	T	4,4'-DDT	0.1	UJ	0.1	ug/l
R5BN1W		False	11/17/2002	Field Sample	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	50	U	50	ug/l
R5BN1W		False	11/17/2002	Field Sample	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	10	U	10	ug/l
R5BN1W		False	11/17/2002	Field Sample	8270	59-50-7	T	4-Chloro-3-methylphenol	10	U	10	ug/l
R5BN1W		False	11/17/2002	Field Sample	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	10	U	10	ug/l
R5BN1W		False	11/17/2002	Field Sample	8260	108-10-1	T	4-Methyl-2-pentanone (MIBK)	10	U	10	ug/l
R5BN1W		False	11/17/2002	Field Sample	8270	100-02-7	T	4-Nitrophenol	50	U	50	ug/l
R5BN1W		False	11/17/2002	Field Sample	8270	83-32-9	T	Acenaphthene	10	U	10	ug/l
R5BN1W		False	11/17/2002	Field Sample	8270	208-96-8	T	Acenaphthylene	10	U	10	ug/l
R5BN1W		False	11/17/2002	Field Sample	8260	67-64-1	T	Acetone	25	U	25	ug/l
R5BN1W		False	11/17/2002	Field Sample	8081	309-00-2	T	Aldrin	0.05	UJ	0.05	ug/l
R5BN1W		False	11/17/2002	Field Sample	8081	319-84-6	T	alpha-BHC	0.05	UJ	0.05	ug/l
R5BN1W		False	11/17/2002	Field Sample	8081	5103-71-9	T	alpha-Chlordane	0.05	UJ	0.05	ug/l
R5BN1W		False	11/17/2002	Field Sample	6010	7429-90-5	T	Aluminum	0.69	J	0.02	mg/l
R5BN1W-Filtered	R5BN1W	True	11/17/2002	Field Sample	6010	7429-90-5	D	Aluminum	0.2	UJ	0.2	mg/l
R5BN1W		False	11/17/2002	Field Sample	8270	120-12-7	T	Anthracene	10	U	10	ug/l
R5BN1W-Filtered	R5BN1W	True	11/17/2002	Field Sample	6010	7440-36-0	D	Antimony	0.02	UJ	0.02	mg/l
R5BN1W		False	11/17/2002	Field Sample	6010	7440-36-0	T	Antimony	0.02	UJ	0.02	mg/l
R5BN1W-Filtered	R5BN1W	True	11/17/2002	Field Sample	6010	7440-38-2	D	Arsenic	0.0055	J	0.01	mg/l
R5BN1W		False	11/17/2002	Field Sample	6010	7440-38-2	T	Arsenic	0.0032	J	0.01	mg/l
R5BN1W-Filtered	R5BN1W	True	11/17/2002	Field Sample	6010	7440-39-3	D	Barium	0.051		0.01	mg/l
R5BN1W		False	11/17/2002	Field Sample	6010	7440-39-3	T	Barium	0.051		0.01	mg/l
R5BN1W		False	11/17/2002	Field Sample	8260	71-43-2	T	Benzene	1	U	1	ug/l
R5BN1W		False	11/17/2002	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	10	U	10	ug/l
R5BN1W		False	11/17/2002	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	10	U	10	ug/l
R5BN1W		False	11/17/2002	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	10	U	10	ug/l
R5BN1W		False	11/17/2002	Field Sample	8270	191-24-2	T	Benzo(g,h,i)perylene	10	U	10	ug/l
R5BN1W		False	11/17/2002	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	10	U	10	ug/l
R5BN1W		False	11/17/2002	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	10	U	10	ug/l
R5BN1W-Filtered	R5BN1W	True	11/17/2002	Field Sample	6010	7440-41-7	D	Beryllium	0.004	U	0.004	mg/l
R5BN1W		False	11/17/2002	Field Sample	6010	7440-41-7	T	Beryllium	0.004	U	0.004	mg/l
R5BN1W		False	11/17/2002	Field Sample	8081	319-85-7	T	beta-BHC	0.05	UJ	0.05	ug/l
R5BN1W		False	11/17/2002	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	10	U	10	ug/l
R5BN1W		False	11/17/2002	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	10	U	10	ug/l
R5BN1W		False	11/17/2002	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	10	U	10	ug/l
R5BN1W		False	11/17/2002	Field Sample	8260	75-27-4	T	Bromodichloromethane	1	UJ	1	ug/l
R5BN1W		False	11/17/2002	Field Sample	8260	75-25-2	T	Bromoform	1	U	1	ug/l
R5BN1W		False	11/17/2002	Field Sample	8260	74-83-9	T	Bromomethane	1	U	1	ug/l
R5BN1W-Filtered	R5BN1W	True	11/17/2002	Field Sample	6010	7440-43-9	D	Cadmium	0.005	U	0.005	mg/l
R5BN1W		False	11/17/2002	Field Sample	6010	7440-43-9	T	Cadmium	0.005	U	0.005	mg/l
R5BN1W-Filtered	R5BN1W	True	11/17/2002	Field Sample	6010	7440-70-2	D	Calcium	80		0.5	mg/l
R5BN1W		False	11/17/2002	Field Sample	6010	7440-70-2	T	Calcium	51		0.5	mg/l
R5BN1W		False	11/17/2002	Field Sample	8270	86-74-8	T	Carbazole	10	U	10	ug/l
R5BN1W		False	11/17/2002	Field Sample	8260	75-15-0	T	Carbon Disulfide	1	U	1	ug/l
R5BN1W		False	11/17/2002	Field Sample	8260	56-35-5	T	Carbon Tetrachloride	1	UJ	1	ug/l
R5BN1W		False	11/17/2002	Field Sample	8260	108-90-7	T	Chlorobenzene	1.8		1	ug/l
R5BN1W		False	11/17/2002	Field Sample	8260	124-48-1	T	Chlorodibromomethane	1	U	1	ug/l
R5BN1W		False	11/17/2002	Field Sample	8260	75-00-3	T	Chloroethane	1	UJ	1	ug/l
R5BN1W		False	11/17/2002	Field Sample	8260	67-66-3	T	Chloroform	1	U	1	ug/l
R5BN1W		False	11/17/2002	Field Sample	8260	74-87-3	T	Chloromethane	1	UJ	1	ug/l
R5BN1W-Filtered	R5BN1W	True	11/17/2002	Field Sample	6010	7440-47-3	D	Chromium	0.01	U	0.01	mg/l
R5BN1W		False	11/17/2002	Field Sample	6010	7440-47-3	T	Chromium	0.01	U	0.01	mg/l
R5BN1W		False	11/17/2002	Field Sample	8270	218-01-9	T	Chrysene	10	U	10	ug/l
R5BN1W		False	11/17/2002	Field Sample	8260	10061-01-5	T	cis-1,3-Dichloropropene	1	U	1	ug/l
R5BN1W-Filtered	R5BN1W	True	11/17/2002	Field Sample	6010	7440-48-4	D	Cobalt	0.01	U	0.01	mg/l
R5BN1W		False	11/17/2002	Field Sample	6010	7440-48-4	T	Cobalt	0.01	U	0.01	mg/l
R5BN1W-Filtered	R5BN1W	True	11/17/2002	Field Sample	6010	7440-50-8	D	Copper	0.02	U	0.02	mg/l
R5BN1W		False	11/17/2002	Field Sample	6010	7440-50-8	T	Copper	0.02	U	0.02	mg/l
R5BN1W		False	11/17/2002	Field Sample	8151	75-99-0	T	Dalapon	1.20	U	1.20	ug/l
R5BN1W		False	11/17/2002	Field Sample	680	2051-24-3	T	Decachlorobiphenyl	0.5	U	0.5	ug/l
R5BN1W		False	11/17/2002	Field Sample	8081	319-86-8	T	delta-BHC	0.05	UJ	0.05	ug/l
R5BN1W		False	11/17/2002	Field Sample	8270	53-70-3	T	Dibenz(a,h)anthracene	10	U	10	ug/l

Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R5BU1W		False	11/09/2002	Field Sample	8270	95-95-4	T	2,4,5-Trichlorophenol	10	U	10	ug/l
R5BU1W		False	11/09/2002	Field Sample	8270	88-06-2	T	2,4,6-Trichlorophenol	10	U	10	ug/l
R5BU1W		False	11/09/2002	Field Sample	8151	94-75-7	T	2,4-D	0.94		0.5	ug/l
R5BU1W		False	11/09/2002	Field Sample	8151	94-82-6	T	2,4-DB	0.5	UJ	0.5	ug/l
R5BU1W		False	11/09/2002	Field Sample	8270	120-83-2	T	2,4-Dichlorophenol	10	U	10	ug/l
R5BU1W		False	11/09/2002	Field Sample	8270	105-67-9	T	2,4-Dimethylphenol	10	U	10	ug/l
R5BU1W		False	11/09/2002	Field Sample	8270	51-28-5	T	2,4-Dinitrophenol	50	U	50	ug/l
R5BU1W		False	11/09/2002	Field Sample	8270	121-14-2	T	2,4-Dinitrotoluene	10	U	10	ug/l
R5BU1W		False	11/09/2002	Field Sample	8270	606-20-2	T	2,6-Dinitrotoluene	10	U	10	ug/l
R5BU1W		False	11/09/2002	Field Sample	8260	78-93-3	T	2-Butanone (MEK)	10	U	10	ug/l
R5BU1W		False	11/09/2002	Field Sample	8270	91-58-7	T	2-Chloronaphthalene	10	U	10	ug/l
R5BU1W		False	11/09/2002	Field Sample	8270	95-57-8	T	2-Chlorophenol	10	U	10	ug/l
R5BU1W		False	11/09/2002	Field Sample	8270	91-57-6	T	2-Methylnaphthalene	10	U	10	ug/l
R5BU1W		False	11/09/2002	Field Sample	8270	95-48-7	T	2-Methylphenol (o-Cresol)	10	U	10	ug/l
R5BU1W		False	11/09/2002	Field Sample	8270	88-74-4	T	2-Nitroaniline	50	U	50	ug/l
R5BU1W		False	11/09/2002	Field Sample	8270	88-75-5	T	2-Nitrophenol	10	U	10	ug/l
R5BU1W		False	11/09/2002	Field Sample	8270	91-94-1	T	3,3'-Dichlorobenzidine	20	U	20	ug/l
R5BU1W		False	11/09/2002	Field Sample	8270	108-44-5	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	10	U	10	ug/l
R5BU1W		False	11/09/2002	Field Sample	8270	99-09-2	T	3-Nitroaniline	50	U	50	ug/l
R5BU1W		False	11/09/2002	Field Sample	8081	72-54-8	T	4,4'-DDD	0.1	R	0.1	ug/l
R5BU1W		False	11/09/2002	Field Sample	8081	72-55-9	T	4,4'-DDE	0.1	R	0.1	ug/l
R5BU1W		False	11/09/2002	Field Sample	8081	50-29-3	T	4,4'-DDT	0.1	R	0.1	ug/l
R5BU1W		False	11/09/2002	Field Sample	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	50	U	50	ug/l
R5BU1W		False	11/09/2002	Field Sample	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	10	U	10	ug/l
R5BU1W		False	11/09/2002	Field Sample	8270	59-50-7	T	4-Chloro-3-methylphenol	10	U	10	ug/l
R5BU1W		False	11/09/2002	Field Sample	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	10	U	10	ug/l
R5BU1W		False	11/09/2002	Field Sample	8260	108-10-1	T	4-Methyl-2-pentanone (MIBK)	10	U	10	ug/l
R5BU1W		False	11/09/2002	Field Sample	8270	100-02-7	T	4-Nitrophenol	50	U	50	ug/l
R5BU1W		False	11/09/2002	Field Sample	8270	83-32-9	T	Acenaphthene	10	U	10	ug/l
R5BU1W		False	11/09/2002	Field Sample	8270	208-96-8	T	Acenaphthylene	10	U	10	ug/l
R5BU1W		False	11/09/2002	Field Sample	8260	67-64-1	T	Acetone	25	U	25	ug/l
R5BU1W		False	11/09/2002	Field Sample	8081	309-00-2	T	Aldrin	0.05	R	0.05	ug/l
R5BU1W		False	11/09/2002	Field Sample	8081	319-84-6	T	alpha-BHC	0.05	R	0.05	ug/l
R5BU1W		False	11/09/2002	Field Sample	8081	5103-71-9	T	alpha-Chlordane	0.05	R	0.05	ug/l
R5BU1W		False	11/09/2002	Field Sample	6010	7429-90-5	T	Aluminum	0.73	J	0.02	mg/l
R5BU1W-Filtered	R5BU1W	True	11/09/2002	Field Sample	6010	7429-90-5	D	Aluminum	0.2	U	0.2	mg/l
R5BU1W		False	11/09/2002	Field Sample	8270	120-12-7	T	Anthracene	10	U	10	ug/l
R5BU1W-Filtered	R5BU1W	True	11/09/2002	Field Sample	6010	7440-36-0	D	Antimony	0.02	U	0.02	mg/l
R5BU1W		False	11/09/2002	Field Sample	6010	7440-36-0	T	Antimony	0.02	U	0.02	mg/l
R5BU1W-Filtered	R5BU1W	True	11/09/2002	Field Sample	6010	7440-38-2	D	Arsenic	0.01	UJ	0.01	mg/l
R5BU1W		False	11/09/2002	Field Sample	6010	7440-38-2	T	Arsenic	0.01	UJ	0.01	mg/l
R5BU1W-Filtered	R5BU1W	True	11/09/2002	Field Sample	6010	7440-39-3	D	Barium	0.053		0.01	mg/l
R5BU1W		False	11/09/2002	Field Sample	6010	7440-39-3	T	Barium	0.082		0.01	mg/l
R5BU1W		False	11/09/2002	Field Sample	8260	71-43-2	T	Benzene	0.23	J	1	ug/l
R5BU1W		False	11/09/2002	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	10	U	10	ug/l
R5BU1W		False	11/09/2002	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	10	U	10	ug/l
R5BU1W		False	11/09/2002	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	10	U	10	ug/l
R5BU1W		False	11/09/2002	Field Sample	8270	191-24-2	T	Benzo(g,h,i)perylene	10	U	10	ug/l
R5BU1W		False	11/09/2002	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	10	U	10	ug/l
R5BU1W		False	11/09/2002	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	10	U	10	ug/l
R5BU1W-Filtered	R5BU1W	True	11/09/2002	Field Sample	6010	7440-41-7	D	Beryllium	0.004	U	0.004	mg/l
R5BU1W		False	11/09/2002	Field Sample	6010	7440-41-7	T	Beryllium	0.004	U	0.004	mg/l
R5BU1W		False	11/09/2002	Field Sample	8081	319-85-7	T	beta-BHC	0.05	R	0.05	ug/l
R5BU1W		False	11/09/2002	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	10	U	10	ug/l
R5BU1W		False	11/09/2002	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	10	U	10	ug/l
R5BU1W		False	11/09/2002	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	10	U	10	ug/l
R5BU1W		False	11/09/2002	Field Sample	8260	75-27-4	T	Bromodichloromethane	1	UJ	1	ug/l
R5BU1W		False	11/09/2002	Field Sample	8260	75-25-2	T	Bromoform	1	U	1	ug/l
R5BU1W		False	11/09/2002	Field Sample	8260	74-83-9	T	Bromomethane	1	U	1	ug/l
R5BU1W-Filtered	R5BU1W	True	11/09/2002	Field Sample	6010	7440-43-9	D	Cadmium	0.005	U	0.005	mg/l
R5BU1W		False	11/09/2002	Field Sample	6010	7440-43-9	T	Cadmium	0.005	U	0.005	mg/l
R5BU1W-Filtered	R5BU1W	True	11/09/2002	Field Sample	6010	7440-70-2	D	Calcium	52		0.5	mg/l
R5BU1W		False	11/09/2002	Field Sample	6010	7440-70-2	T	Calcium	52		0.5	mg/l
R5BU1W		False	11/09/2002	Field Sample	8270	86-74-8	T	Carbazole	10	U	10	ug/l
R5BU1W		False	11/09/2002	Field Sample	8260	75-15-0	T	Carbon Disulfide	1	U	1	ug/l
R5BU1W		False	11/09/2002	Field Sample	8260	56-23-5	T	Carbon Tetrachloride	1	UJ	1	ug/l
R5BU1W		False	11/09/2002	Field Sample	8260	108-90-7	T	Chlorobenzene	1.3		1	ug/l
R5BU1W		False	11/09/2002	Field Sample	8260	124-48-1	T	Chlorodibromomethane	1	U	1	ug/l
R5BU1W		False	11/09/2002	Field Sample	8260	75-00-3	T	Chloroethane	1	U	1	ug/l
R5BU1W		False	11/09/2002	Field Sample	8260	67-66-3	T	Chloroform	1	U	1	ug/l
R5BU1W		False	11/09/2002	Field Sample	8260	74-87-3	T	Chloromethane	1	UJ	1	ug/l
R5BU1W-Filtered	R5BU1W	True	11/09/2002	Field Sample	6010	7440-47-3	D	Chromium	0.01	U	0.01	mg/l
R5BU1W		False	11/09/2002	Field Sample	6010	7440-47-3	T	Chromium	0.01	U	0.01	mg/l
R5BU1W		False	11/09/2002	Field Sample	8270	218-01-9	T	Chrysene	10	U	10	ug/l
R5BU1W		False	11/09/2002	Field Sample	8260	10061-01-5	T	cis-1,3-Dichloropropene	1	U	1	ug/l
R5BU1W		False	11/09/2002	Field Sample	6010	7440-48-4	T	Cobalt	0.00075	J	0.01	mg/l
R5BU1W-Filtered	R5BU1W	True	11/09/2002	Field Sample	6010	7440-48-4	D	Cobalt	0.01	U	0.01	mg/l
R5BU1W-Filtered	R5BU1W	True	11/09/2002	Field Sample	6010	7440-50-8	D	Copper	0.02	U	0.02	mg/l
R5BU1W		False	11/09/2002	Field Sample	6010	7440-50-8	T	Copper	0.02	U	0.02	mg/l
R5BU1W		False	11/09/2002	Field Sample	8151	75-99-0	T	Dalapon	120	U	120	ug/l
R5BU1W		False	11/09/2002	Field Sample	680	2051-24-3	T	Decachlorobiphenyl	0.5	U	0.5	ug/l
R5BU1W		False	11/09/2002	Field Sample	8081	319-86-8	T	delta-BHC	0.05	R	0.05	ug/l
R5BU1W		False	11/09/2002	Field Sample	8270	53-70-3	T	Dibenz(a,h)anthracene	10	U	10	ug/l
R5BU1W		False	11/09/2002	Field Sample	8270	132-64-9	T	Dibenzofuran	10	U	10	ug/l
R5BU1W		False	11/09/2002	Field Sample	8151	1918-00-9	T	Dicamba	1.2	U	1.2	ug/l
R5BU1W		False	11/09/2002	Field Sample	680	C-DICHLOROB	T	Dichlorobiphenyl	0.1	U	0.1	ug/l
R5BU1W		False	11/09/2002	Field Sample	8260	75-09-2	T	Dichloromethane	5	U	5	ug/l
R5BU1W		False	11/09/2002	Field Sample	8151	120-36-5	T	Dichlorprop	6	U	6	ug/l
R5BU1W		False	11/09/2002	Field Sample	8081	60-57-1	T	Dieldrin	0.1	R	0.1	ug/l
R5BU1W		False	11/09/2002	Field Sample	8270	84-66-2	T	Diethyl Phthalate	10	U	10	ug/l
R5BU1W		False	11/09/2002	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	10	U	10	ug/l
R5BU1W		False	11/09/2002	Field Sample	8270	84-74-2	T	Di-n-butylphthalate	10	U	10	ug/l
R5BU1W		False	11/09/2002	Field Sample	8270	117-84-0	T	Di-n-octylphthalate	10	U	10	ug/l
R5BU1W		False	11/09/2002	Field Sample	8270	88-85-7	T	Dinoseb	10	U	10	ug/l
R5BU1W		False	11/09/2002	Field Sample	8081	959-98-8	T	Endosulfan I	0.05	R	0.05	ug/l
R5BU1W		False	11/09/2002	Field Sample	8081	33213-65-9	T	Endosulfan II	0.1	R	0.1	ug/l
R5BU1W		False	11/09/2002	Field Sample	8081	1031-07-8	T	Endosulfan Sulfate	0.1	R	0.1	ug/l
R5BU1W		False	11/09/2002	Field Sample	8081	72-20-8	T	Endrin	0.1	R	0.1	ug/l
R5BU1W		False	11/09/2002	Field Sample	8081	7421-93-4	T	Endrin Aldehyde	0.1	R	0.1	ug/l
R5BU1W		False	11/09/2002	Field Sample	8081	53494-70-5	T	Endrin Ketone	0.1	R	0.1	ug/l
R5BU1W		False	11/09/2002	Field Sample	8260	100-41-4	T	Ethylbenzene	1	U	1	ug/l
R5BU1W		False	11/09/2002	Field Sample	8270	206-44-0	T	Fluoranthene	10	U	10	ug/l
R5BU1W		False	11/09/2002	Field Sample	8270	86-73-7	T	Fluorene	10	U	10	ug/l
R5BU1W		False	11/09/2002	Field Sample	8081	58-89-9	T	gamma-BHC (Lindane)	0.05	R	0.05	ug/l
R5BU1W		False	11/09/2002	Field Sample	8081	5103-74-2	T	gamma-Chlordane	0.05	R	0.05	ug/l

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
RSCM1W		False	11/09/2002	Field Sample	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	50	U	50	ug/l
RSCM1W		False	11/09/2002	Field Sample	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	10	U	10	ug/l
RSCM1W		False	11/09/2002	Field Sample	8270	59-50-7	T	4-Chloro-3-methylphenol	10	U	10	ug/l
RSCM1W		False	11/09/2002	Field Sample	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	10	U	10	ug/l
RSCM1W		False	11/09/2002	Field Sample	8260	108-10-1	T	4-Methyl-2-pentanone (MIBK)	10	U	10	ug/l
RSCM1W		False	11/09/2002	Field Sample	8270	100-02-7	T	4-Nitrophenol	50	U	50	ug/l
RSCM1W		False	11/09/2002	Field Sample	8270	83-32-9	T	Acenaphthene	10	U	10	ug/l
RSCM1W		False	11/09/2002	Field Sample	8270	208-96-8	T	Acenaphthylene	10	U	10	ug/l
RSCM1W		False	11/09/2002	Field Sample	8260	67-64-1	T	Acetone	25	U	25	ug/l
RSCM1W		False	11/09/2002	Field Sample	8081	309-00-2	T	Aldrin	0.05	UJ	0.05	ug/l
RSCM1W		False	11/09/2002	Field Sample	8081	319-84-6	T	alpha-BHC	0.05	UJ	0.05	ug/l
RSCM1W		False	11/09/2002	Field Sample	8081	5103-71-9	T	alpha-Chlordane	0.05	UJ	0.05	ug/l
RSCM1W		False	11/09/2002	Field Sample	6010	7429-90-5	T	Aluminum	0.15	J	0.02	mg/l
RSCM1W-Filtered	RSCM1W	True	11/09/2002	Field Sample	6010	7429-90-5	D	Aluminum	0.2	U	0.2	mg/l
RSCM1W		False	11/09/2002	Field Sample	8270	120-12-7	T	Anthracene	10	U	10	ug/l
RSCM1W-Filtered	RSCM1W	True	11/09/2002	Field Sample	6010	7440-36-0	D	Antimony	0.02	U	0.02	mg/l
RSCM1W		False	11/09/2002	Field Sample	6010	7440-36-0	T	Antimony	0.02	U	0.02	mg/l
RSCM1W-Filtered	RSCM1W	True	11/09/2002	Field Sample	6010	7440-38-2	D	Arsenic	0.01	UJ	0.01	mg/l
RSCM1W		False	11/09/2002	Field Sample	6010	7440-38-2	T	Arsenic	0.01	UJ	0.01	mg/l
RSCM1W-Filtered	RSCM1W	True	11/09/2002	Field Sample	6010	7440-39-3	D	Barium	0.053		0.01	mg/l
RSCM1W		False	11/09/2002	Field Sample	6010	7440-39-3	T	Barium	0.059		0.01	mg/l
RSCM1W		False	11/09/2002	Field Sample	8260	71-43-2	T	Benzene	1	U	1	ug/l
RSCM1W		False	11/09/2002	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	10	U	10	ug/l
RSCM1W		False	11/09/2002	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	10	U	10	ug/l
RSCM1W		False	11/09/2002	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	10	U	10	ug/l
RSCM1W		False	11/09/2002	Field Sample	8270	191-24-2	T	Benzo(g,h,i)perylene	10	U	10	ug/l
RSCM1W		False	11/09/2002	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	10	U	10	ug/l
RSCM1W		False	11/09/2002	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	10	U	10	ug/l
RSCM1W-Filtered	RSCM1W	True	11/09/2002	Field Sample	6010	7440-41-7	D	Beryllium	0.004	U	0.004	mg/l
RSCM1W		False	11/09/2002	Field Sample	6010	7440-41-7	T	Beryllium	0.004	U	0.004	mg/l
RSCM1W		False	11/09/2002	Field Sample	8081	319-85-7	T	beta-BHC	0.05	UJ	0.05	ug/l
RSCM1W		False	11/09/2002	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	10	U	10	ug/l
RSCM1W		False	11/09/2002	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	10	U	10	ug/l
RSCM1W		False	11/09/2002	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	10	U	10	ug/l
RSCM1W		False	11/09/2002	Field Sample	8260	75-27-4	T	Bromodichloromethane	1	UJ	1	ug/l
RSCM1W		False	11/09/2002	Field Sample	8260	75-25-2	T	Bromoform	1	U	1	ug/l
RSCM1W		False	11/09/2002	Field Sample	8260	74-83-9	T	Bromomethane	1	U	1	ug/l
RSCM1W-Filtered	RSCM1W	True	11/09/2002	Field Sample	6010	7440-43-9	D	Cadmium	0.005	U	0.005	mg/l
RSCM1W		False	11/09/2002	Field Sample	6010	7440-43-9	T	Cadmium	0.005	U	0.005	mg/l
RSCM1W-Filtered	RSCM1W	True	11/09/2002	Field Sample	6010	7440-70-2	D	Calcium	51		0.5	mg/l
RSCM1W		False	11/09/2002	Field Sample	6010	7440-70-2	T	Calcium	52		0.5	mg/l
RSCM1W		False	11/09/2002	Field Sample	8270	86-74-8	T	Carbazole	10	U	10	ug/l
RSCM1W		False	11/09/2002	Field Sample	8260	75-15-0	T	Carbon Disulfide	1	U	1	ug/l
RSCM1W		False	11/09/2002	Field Sample	8260	56-23-5	T	Carbon Tetrachloride	1	UJ	1	ug/l
RSCM1W		False	11/09/2002	Field Sample	8260	108-90-7	T	Chlorobenzene	0.55	J	1	ug/l
RSCM1W		False	11/09/2002	Field Sample	8260	124-48-1	T	Chlorodibromomethane	1	U	1	ug/l
RSCM1W		False	11/09/2002	Field Sample	8260	75-00-3	T	Chloroethane	1	U	1	ug/l
RSCM1W		False	11/09/2002	Field Sample	8260	67-66-3	T	Chloroform	1	U	1	ug/l
RSCM1W		False	11/09/2002	Field Sample	8260	74-87-3	T	Chloromethane	1	UJ	1	ug/l
RSCM1W-Filtered	RSCM1W	True	11/09/2002	Field Sample	6010	7440-47-3	D	Chromium	0.01	U	0.01	mg/l
RSCM1W		False	11/09/2002	Field Sample	6010	7440-47-3	T	Chromium	0.01	U	0.01	mg/l
RSCM1W		False	11/09/2002	Field Sample	8270	218-01-9	T	Chrysene	10	U	10	ug/l
RSCM1W		False	11/09/2002	Field Sample	8260	10061-01-5	T	cis-1,3-Dichloropropene	1	U	1	ug/l
RSCM1W-Filtered	RSCM1W	True	11/09/2002	Field Sample	6010	7440-48-4	D	Cobalt	0.01	U	0.01	mg/l
RSCM1W		False	11/09/2002	Field Sample	6010	7440-48-4	T	Cobalt	0.01	U	0.01	mg/l
RSCM1W-Filtered	RSCM1W	True	11/09/2002	Field Sample	6010	7440-50-8	D	Copper	0.02	U	0.02	mg/l
RSCM1W		False	11/09/2002	Field Sample	6010	7440-50-8	T	Copper	0.02	U	0.02	mg/l
RSCM1W		False	11/09/2002	Field Sample	8151	75-99-0	T	Dalapon	120	U	120	ug/l
RSCM1W		False	11/09/2002	Field Sample	680	2051-24-3	T	Decachlorobiphenyl	0.5	U	0.5	ug/l
RSCM1W		False	11/09/2002	Field Sample	8081	319-86-8	T	delta-BHC	0.05	UJ	0.05	ug/l
RSCM1W		False	11/09/2002	Field Sample	8270	53-70-3	T	Dibenzo(a,h)anthracene	10	U	10	ug/l
RSCM1W		False	11/09/2002	Field Sample	8270	132-64-9	T	Dibenzofuran	10	U	10	ug/l
RSCM1W		False	11/09/2002	Field Sample	8151	1918-00-9	T	Dicamba	1.2	U	1.2	ug/l
RSCM1W		False	11/09/2002	Field Sample	680	C-DICHLOROBI	T	Dichlorobiphenyl	0.1	U	0.1	ug/l
RSCM1W		False	11/09/2002	Field Sample	8260	75-09-2	T	Dichloromethane	5	U	5	ug/l
RSCM1W		False	11/09/2002	Field Sample	8151	120-36-5	T	Dichloprop	6	U	6	ug/l
RSCM1W		False	11/09/2002	Field Sample	8081	60-57-1	T	Dieldrin	0.1	UJ	0.1	ug/l
RSCM1W		False	11/09/2002	Field Sample	8270	84-66-2	T	Diethyl Phthalate	10	U	10	ug/l
RSCM1W		False	11/09/2002	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	10	U	10	ug/l
RSCM1W		False	11/09/2002	Field Sample	8270	84-74-2	T	Di-n-butylphthalate	10	U	10	ug/l
RSCM1W		False	11/09/2002	Field Sample	8270	117-84-0	T	Di-n-octylphthalate	10	U	10	ug/l
RSCM1W		False	11/09/2002	Field Sample	8270	88-85-7	T	Dinoseb	10	U	10	ug/l
RSCM1W		False	11/09/2002	Field Sample	8081	959-98-8	T	Endosulfan I	0.05	UJ	0.05	ug/l
RSCM1W		False	11/09/2002	Field Sample	8081	33213-65-9	T	Endosulfan II	0.1	UJ	0.1	ug/l
RSCM1W		False	11/09/2002	Field Sample	8081	1031-07-8	T	Endosulfan Sulfate	0.1	UJ	0.1	ug/l
RSCM1W		False	11/09/2002	Field Sample	8081	72-20-8	T	Endrin	0.1	UJ	0.1	ug/l
RSCM1W		False	11/09/2002	Field Sample	8081	7421-93-4	T	Endrin Aldehyde	0.1	UJ	0.1	ug/l
RSCM1W		False	11/09/2002	Field Sample	8081	53494-70-5	T	Endrin Ketone	0.1	UJ	0.1	ug/l
RSCM1W		False	11/09/2002	Field Sample	8260	100-41-4	T	Ethylbenzene	1	U	1	ug/l
RSCM1W		False	11/09/2002	Field Sample	8270	206-44-0	T	Fluoranthene	10	U	10	ug/l
RSCM1W		False	11/09/2002	Field Sample	8270	86-73-7	T	Fluorene	10	U	10	ug/l
RSCM1W		False	11/09/2002	Field Sample	8081	58-89-9	T	gamma-BHC (Lindane)	0.05	UJ	0.05	ug/l
RSCM1W		False	11/09/2002	Field Sample	8081	5103-74-2	T	gamma-Chlordane	0.05	UJ	0.05	ug/l
RSCM1W		False	11/09/2002	Field Sample	130.2	E-11778	T	Hardness, Carbonate	48		200	mg/l as Ca
RSCM1W		False	11/09/2002	Field Sample	8081	76-44-8	T	Heptachlor	0.05	UJ	0.05	ug/l
RSCM1W		False	11/09/2002	Field Sample	8081	1024-57-3	T	Heptachlor Epoxide	0.05	UJ	0.05	ug/l
RSCM1W		False	11/09/2002	Field Sample	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	0.3	U	0.3	ug/l
RSCM1W		False	11/09/2002	Field Sample	8270	118-74-1	T	Hexachlorobenzene	10	U	10	ug/l
RSCM1W		False	11/09/2002	Field Sample	680	C-HEXACHLORO	T	Hexachlorobiphenyl	0.2	U	0.2	ug/l
RSCM1W		False	11/09/2002	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	10	U	10	ug/l
RSCM1W		False	11/09/2002	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	10	U	10	ug/l
RSCM1W		False	11/09/2002	Field Sample	8270	67-72-1	T	Hexachloroethane	10	U	10	ug/l
RSCM1W		False	11/09/2002	Field Sample	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	10	U	10	ug/l
RSCM1W-Filtered	RSCM1W	True	11/09/2002	Field Sample	6010	7439-89-6	D	Iron	0.047	J	0.05	mg/l
RSCM1W		False	11/09/2002	Field Sample	6010	7439-89-6	T	Iron	0.45		0.05	mg/l
RSCM1W		False	11/09/2002	Field Sample	8270	78-59-1	T	Isophorone	10	U	10	ug/l
RSCM1W-Filtered	RSCM1W	True	11/09/2002	Field Sample	6010	7439-92-1	D	Lead	0.005	U	0.005	mg/l
RSCM1W		False	11/09/2002	Field Sample	6010	7439-92-1	T	Lead	0.005	U	0.005	mg/l
RSCM1W-Filtered	RSCM1W	True	11/09/2002	Field Sample	6010	7439-95-4	D	Magnesium	20		0.5	mg/l
RSCM1W		False	11/09/2002	Field Sample	6010	7439-95-4	T	Magnesium	21		0.5	mg/l
RSCM1W-Filtered	RSCM1W	True	11/09/2002	Field Sample	6010	7439-96-5	D	Manganese	0.01	U	0.01	mg/l

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
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[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	1	U	1	[illegible]
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[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	1	U	1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	2	U	2	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	1	U	1	[illegible]
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[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Y	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	[illegible]	[illegible]	U	[illegible]	[illegible]
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Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
RiBAD1W-Filtered	RiBAD1W	True	11/06/2002	Field Sample	6010	7440-39-3	D	Barium	0.052		0.01	mg/l
RiBAD1W		False	11/06/2002	Field Sample	6010	7440-39-3	T	Barium	0.06		0.01	mg/l
RiBAD1W		False	11/06/2002	Field Sample	8260	71-43-2	T	Benzene	1	U	1	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	10	U	10	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	10	U	10	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	10	U	10	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8270	191-24-2	T	Benzo(g,h,i)perylene	10	U	10	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	10	U	10	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	10	U	10	ug/l
RiBAD1W-Filtered	RiBAD1W	True	11/06/2002	Field Sample	6010	7440-41-7	D	Beryllium	0.004	U	0.004	mg/l
RiBAD1W		False	11/06/2002	Field Sample	6010	7440-41-7	T	Beryllium	0.004	U	0.004	mg/l
RiBAD1W		False	11/06/2002	Field Sample	8081	319-85-7	T	beta-BHC	0.05	U	0.05	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	10	U	10	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	10	U	10	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	10	U	10	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8260	75-27-4	T	Bromodichloromethane	1	U	1	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8260	75-25-2	T	Bromoform	1	U	1	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8260	74-83-9	T	Bromomethane	1	U	1	ug/l
RiBAD1W-Filtered	RiBAD1W	True	11/06/2002	Field Sample	6010	7440-43-9	D	Cadmium	0.005	U	0.005	mg/l
RiBAD1W		False	11/06/2002	Field Sample	6010	7440-43-9	T	Cadmium	0.005	U	0.005	mg/l
RiBAD1W-Filtered	RiBAD1W	True	11/06/2002	Field Sample	6010	7440-70-2	D	Calcium	49		0.5	mg/l
RiBAD1W		False	11/06/2002	Field Sample	6010	7440-70-2	T	Calcium	48		0.5	mg/l
RiBAD1W		False	11/06/2002	Field Sample	8270	86-74-8	T	Carbazole	10	U	10	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8260	75-15-0	T	Carbon Disulfide	1	U	1	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8260	56-23-5	T	Carbon Tetrachloride	1	U	1	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8260	108-90-7	T	Chlorobenzene	1	U	1	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8260	124-48-1	T	Chlorodibromomethane	1	U	1	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8260	75-00-3	T	Chloroethane	1	U	1	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8260	67-66-3	T	Chloroform	1	U	1	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8260	74-87-3	T	Chloromethane	1	U	1	ug/l
RiBAD1W-Filtered	RiBAD1W	True	11/06/2002	Field Sample	6010	7440-47-3	D	Chromium	0.01	U	0.01	mg/l
RiBAD1W		False	11/06/2002	Field Sample	6010	7440-47-3	T	Chromium	0.01	U	0.01	mg/l
RiBAD1W		False	11/06/2002	Field Sample	8270	218-01-9	T	Chrysene	10	U	10	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8260	10061-01-5	T	cis-1,3-Dichloropropene	1	U	1	ug/l
RiBAD1W		False	11/06/2002	Field Sample	6010	7440-48-4	T	Cobalt	0.00076	J	0.01	mg/l
RiBAD1W-Filtered	RiBAD1W	True	11/06/2002	Field Sample	6010	7440-48-4	D	Cobalt	0.01	U	0.01	mg/l
RiBAD1W		False	11/06/2002	Field Sample	6010	7440-50-8	T	Copper	0.0025	J	0.01	mg/l
RiBAD1W-Filtered	RiBAD1W	True	11/06/2002	Field Sample	6010	7440-50-8	D	Copper	0.02	U	0.02	mg/l
RiBAD1W		False	11/06/2002	Field Sample	8151	75-99-0	T	Dalapon	120	U	120	ug/l
RiBAD1W		False	11/06/2002	Field Sample	680	2051-24-3	T	Decachlorobiphenyl	0.5	U	0.5	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8081	319-86-8	T	delta-BHC	0.05	U	0.05	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8270	53-70-3	T	Dibenz(a,h)anthracene	10	U	10	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8270	132-64-9	T	Dibenzofuran	10	U	10	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8151	1918-00-9	T	Dicamba	1.2	U	1.2	ug/l
RiBAD1W		False	11/06/2002	Field Sample	680	C-DICHLOROBI	T	Dichlorobiphenyl	0.1	U	0.1	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8260	75-09-2	T	Dichloromethane	5	U	5	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8151	120-36-5	T	Dichlorprop	6	U	6	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8081	60-57-1	T	Dieldrin	0.1	U	0.1	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8270	84-66-2	T	Diethyl Phthalate	10	U	10	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	10	U	10	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8270	84-74-2	T	Di-n-butylphthalate	10	U	10	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8270	117-84-0	T	Di-n-octylphthalate	10	U	10	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8270	88-85-7	T	Dinoseb	10	U	10	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8081	959-98-8	T	Endosulfan I	0.05	U	0.05	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8081	33213-65-9	T	Endosulfan II	0.1	U	0.1	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8081	1031-07-8	T	Endosulfan Sulfate	0.1	U	0.1	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8081	72-20-8	T	Endrin	0.1	U	0.1	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8081	7421-93-4	T	Endrin Aldehyde	0.1	U	0.1	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8081	53494-70-5	T	Endrin Ketone	0.1	U	0.1	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8260	100-41-4	T	Ethylbenzene	1	U	1	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8270	206-44-0	T	Fluoranthene	10	U	10	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8270	86-73-7	T	Fluorene	10	U	10	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8081	58-89-9	T	gamma-BHC (Lindane)	0.05	U	0.05	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8081	5103-74-2	T	gamma-Chlordane	0.05	U	0.05	ug/l
RiBAD1W		False	11/06/2002	Field Sample	130.2	E-11776	T	Hardness, Carbonate	200		200	mg/l as Ca
RiBAD1W		False	11/06/2002	Field Sample	8081	76-44-8	T	Heptachlor	0.05	U	0.05	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8081	1024-57-3	T	Heptachlor Epoxide	0.05	U	0.05	ug/l
RiBAD1W		False	11/06/2002	Field Sample	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	0.3	U	0.3	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8270	118-74-1	T	Hexachlorobenzene	10	U	10	ug/l
RiBAD1W		False	11/06/2002	Field Sample	680	C-HEXACHLORO	T	Hexachlorobiphenyl	0.2	U	0.2	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	10	U	10	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	10	U	10	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8270	67-72-1	T	Hexachloroethane	10	U	10	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	10	U	10	ug/l
RiBAD1W-Filtered	RiBAD1W	True	11/06/2002	Field Sample	6010	7439-89-6	D	Iron	0.083		0.05	mg/l
RiBAD1W		False	11/06/2002	Field Sample	6010	7439-89-6	T	Iron	1.1		0.05	mg/l
RiBAD1W		False	11/06/2002	Field Sample	8270	78-59-1	T	Isophorone	10	U	10	ug/l
RiBAD1W-Filtered	RiBAD1W	True	11/06/2002	Field Sample	6010	7439-92-1	D	Lead	0.005	U	0.005	mg/l
RiBAD1W		False	11/06/2002	Field Sample	6010	7439-92-1	T	Lead	0.005	U	0.005	mg/l
RiBAD1W-Filtered	RiBAD1W	True	11/06/2002	Field Sample	6010	7439-95-4	D	Magnesium	19		0.5	mg/l
RiBAD1W		False	11/06/2002	Field Sample	6010	7439-95-4	T	Magnesium	18		0.5	mg/l
RiBAD1W-Filtered	RiBAD1W	True	11/06/2002	Field Sample	6010	7439-96-5	D	Manganese	0.01	U	0.01	mg/l
RiBAD1W		False	11/06/2002	Field Sample	6010	7439-96-5	T	Manganese	0.082		0.01	mg/l
RiBAD1W		False	11/06/2002	Field Sample	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	120	U	120	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8151	93-65-2	T	MCPP	120	U	120	ug/l
RiBAD1W-Filtered	RiBAD1W	True	11/06/2002	Field Sample	7470	7439-97-6	D	Mercury	0.0002	U	0.0002	mg/l
RiBAD1W		False	11/06/2002	Field Sample	7470	7439-97-6	T	Mercury	0.0002	U	0.0002	mg/l
RiBAD1W		False	11/06/2002	Field Sample	8081	72-43-5	T	Methoxychlor	0.5	U	0.5	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8260	591-78-6	T	Methyl N-Butyl Ketone	10	U	10	ug/l
RiBAD1W		False	11/06/2002	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	0.1	U	0.1	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8270	91-20-3	T	Naphthalene	10	U	10	ug/l
RiBAD1W-Filtered	RiBAD1W	True	11/06/2002	Field Sample	6010	7440-02-0	D	Nickel	0.04	U	0.04	mg/l
RiBAD1W		False	11/06/2002	Field Sample	6010	7440-02-0	T	Nickel	0.04	U	0.04	mg/l
RiBAD1W		False	11/06/2002	Field Sample	8270	98-95-3	T	Nitrobenzene	10	U	10	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	10	U	10	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	10	U	10	ug/l
RiBAD1W		False	11/06/2002	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	0.5	U	0.5	ug/l
RiBAD1W		False	11/06/2002	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	0.3	U	0.3	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8270	106-47-8	T	P-Chloroaniline	20	U	20	ug/l
RiBAD1W		False	11/06/2002	Field Sample	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	0.2	U	0.2	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8151	87-86-5	T	Pentachlorophenol	1	U	1	ug/l
RiBAD1W		False	11/06/2002	Field Sample	8270	85-01-8	T	Phenanthrene	10	U	10	ug/l

Appendix II-C

Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
RBAM2W	RBAM1W	False	11/07/2002	Field Duplicate	8260	108-10-1	T	4-Methyl-2-pentanone (MIBK)	10	U	10	ug/l
RBAM1W		False	11/07/2002	Field Sample	8260	108-10-1	T	4-Methyl-2-pentanone (MIBK)	10	U	10	ug/l
RBAM1W		False	11/07/2002	Field Sample	8270	100-02-7	T	4-Nitrophenol	50	U	50	ug/l
RBAM2W	RBAM1W	False	11/07/2002	Field Duplicate	8270	100-02-7	T	4-Nitrophenol	50	U	50	ug/l
RBAM2W	RBAM1W	False	11/07/2002	Field Duplicate	8270	83-32-9	T	Acenaphthene	10	U	10	ug/l
RBAM1W		False	11/07/2002	Field Sample	8270	83-32-9	T	Acenaphthene	10	U	10	ug/l
RBAM1W		False	11/07/2002	Field Sample	8270	208-96-8	T	Acenaphthylene	10	U	10	ug/l
RBAM2W	RBAM1W	False	11/07/2002	Field Duplicate	8270	208-96-8	T	Acenaphthylene	10	U	10	ug/l
RBAM1W		False	11/07/2002	Field Sample	8260	67-64-1	T	Acetone	25	U	25	ug/l
RBAM2W	RBAM1W	False	11/07/2002	Field Duplicate	8260	67-64-1	T	Acetone	25	U	25	ug/l
RBAM2W	RBAM1W	False	11/07/2002	Field Duplicate	8081	309-00-2	T	Aldrin	0.05	U	0.05	ug/l
RBAM1W		False	11/07/2002	Field Sample	8081	309-00-2	T	Aldrin	0.05	U	0.05	ug/l
RBAM2W	RBAM1W	False	11/07/2002	Field Duplicate	8081	319-84-6	T	alpha-BHC	0.05	U	0.05	ug/l
RBAM1W		False	11/07/2002	Field Sample	8081	319-84-6	T	alpha-BHC	0.05	U	0.05	ug/l
RBAM2W	RBAM1W	False	11/07/2002	Field Duplicate	8081	5103-71-9	T	alpha-Chlordane	0.05	U	0.05	ug/l
RBAM1W		False	11/07/2002	Field Sample	8081	5103-71-9	T	alpha-Chlordane	0.05	U	0.05	ug/l
RBAM1W-Filtered	RBAM1W	True	11/07/2002	Field Sample	6010	7429-90-5	D	Aluminum	0.2	U	0.2	mg/l
RBAM2W-Filtered	RBAM2W	True	11/07/2002	Field Duplicate	6010	7429-90-5	D	Aluminum	0.2	U	0.2	mg/l
RBAM2W	RBAM1W	False	11/07/2002	Field Duplicate	6010	7429-90-5	T	Aluminum	0.75	U	0.75	mg/l
RBAM1W		False	11/07/2002	Field Sample	6010	7429-90-5	T	Aluminum	0.61		0.02	mg/l
RBAM1W		False	11/07/2002	Field Sample	8270	120-12-7	T	Anthracene	10	U	10	ug/l
RBAM2W	RBAM1W	False	11/07/2002	Field Duplicate	8270	120-12-7	T	Anthracene	10	U	10	ug/l
RBAM2W-Filtered	RBAM2W	True	11/07/2002	Field Duplicate	6010	7440-36-0	D	Antimony	0.02	UJ	0.02	mg/l
RBAM1W-Filtered	RBAM1W	True	11/07/2002	Field Sample	6010	7440-36-0	D	Antimony	0.02	UJ	0.02	mg/l
RBAM2W	RBAM1W	False	11/07/2002	Field Duplicate	6010	7440-36-0	T	Antimony	0.02	UJ	0.02	mg/l
RBAM1W		False	11/07/2002	Field Sample	6010	7440-36-0	T	Antimony	0.02	UJ	0.02	mg/l
RBAM2W-Filtered	RBAM2W	True	11/07/2002	Field Duplicate	6010	7440-38-2	D	Arsenic	0.01	U	0.01	mg/l
RBAM1W-Filtered	RBAM1W	True	11/07/2002	Field Sample	6010	7440-38-2	D	Arsenic	0.01	U	0.01	mg/l
RBAM1W		False	11/07/2002	Field Sample	6010	7440-38-2	T	Arsenic	0.01	U	0.01	mg/l
RBAM2W	RBAM1W	False	11/07/2002	Field Duplicate	6010	7440-38-2	T	Arsenic	0.01	U	0.01	mg/l
RBAM2W-Filtered	RBAM2W	True	11/07/2002	Field Duplicate	6010	7440-39-3	D	Barium	0.053		0.01	mg/l
RBAM1W-Filtered	RBAM1W	True	11/07/2002	Field Sample	6010	7440-39-3	D	Barium	0.052		0.01	mg/l
RBAM1W		False	11/07/2002	Field Sample	6010	7440-39-3	T	Barium	0.061		0.01	mg/l
RBAM2W	RBAM1W	False	11/07/2002	Field Duplicate	6010	7440-39-3	T	Barium	0.061		0.01	mg/l
RBAM1W		False	11/07/2002	Field Sample	8260	71-43-2	T	Benzene	0.35	J	1	ug/l
RBAM2W	RBAM1W	False	11/07/2002	Field Duplicate	8260	71-43-2	T	Benzene	0.21	J	1	ug/l
RBAM2W	RBAM1W	False	11/07/2002	Field Duplicate	8270	56-55-3	T	Benzo(a)anthracene	10	U	10	ug/l
RBAM1W		False	11/07/2002	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	10	U	10	ug/l
RBAM1W		False	11/07/2002	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	10	U	10	ug/l
RBAM2W	RBAM1W	False	11/07/2002	Field Duplicate	8270	50-32-8	T	Benzo(a)pyrene	10	U	10	ug/l
RBAM2W	RBAM1W	False	11/07/2002	Field Duplicate	8270	205-99-2	T	Benzo(b)fluoranthene	10	U	10	ug/l
RBAM1W		False	11/07/2002	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	10	U	10	ug/l
RBAM2W	RBAM1W	False	11/07/2002	Field Duplicate	8270	191-24-2	T	Benzo(g,h,i)perylene	10	U	10	ug/l
RBAM1W		False	11/07/2002	Field Sample	8270	191-24-2	T	Benzo(g,h,i)perylene	10	U	10	ug/l
RBAM1W		False	11/07/2002	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	10	U	10	ug/l
RBAM2W	RBAM1W	False	11/07/2002	Field Duplicate	8270	207-08-9	T	Benzo(k)fluoranthene	10	U	10	ug/l
RBAM2W	RBAM1W	False	11/07/2002	Field Duplicate	8270	85-68-7	T	Benzyl Butyl Phthalate	10	U	10	ug/l
RBAM1W		False	11/07/2002	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	10	U	10	ug/l
RBAM2W-Filtered	RBAM2W	True	11/07/2002	Field Duplicate	6010	7440-41-7	D	Beryllium	0.004	U	0.004	mg/l
RBAM1W-Filtered	RBAM1W	True	11/07/2002	Field Sample	6010	7440-41-7	D	Beryllium	0.004	U	0.004	mg/l
RBAM1W		False	11/07/2002	Field Sample	6010	7440-41-7	T	Beryllium	0.004	U	0.004	mg/l
RBAM2W	RBAM1W	False	11/07/2002	Field Duplicate	6010	7440-41-7	T	Beryllium	0.004	U	0.004	mg/l
RBAM2W	RBAM1W	False	11/07/2002	Field Duplicate	8081	319-85-7	T	beta-BHC	0.05	U	0.05	ug/l
RBAM1W		False	11/07/2002	Field Sample	8081	319-85-7	T	beta-BHC	0.05	U	0.05	ug/l
RBAM1W		False	11/07/2002	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	10	U	10	ug/l
RBAM2W	RBAM1W	False	11/07/2002	Field Duplicate	8270	111-91-1	T	bis(2-Chloroethoxy)methane	10	U	10	ug/l
RBAM2W	RBAM1W	False	11/07/2002	Field Duplicate	8270	111-44-4	T	bis(2-Chloroethyl)ether	10	U	10	ug/l
RBAM1W		False	11/07/2002	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	10	U	10	ug/l
RBAM2W	RBAM1W	False	11/07/2002	Field Duplicate	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	10	U	10	ug/l
RBAM1W		False	11/07/2002	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	10	U	10	ug/l
RBAM2W	RBAM1W	False	11/07/2002	Field Duplicate	8260	75-27-4	T	Bromodichloromethane	1	U	1	ug/l
RBAM1W		False	11/07/2002	Field Sample	8260	75-27-4	T	Bromodichloromethane	1	U	1	ug/l
RBAM2W	RBAM1W	False	11/07/2002	Field Duplicate	8260	75-25-2	T	Bromoform	1	U	1	ug/l
RBAM1W		False	11/07/2002	Field Sample	8260	75-25-2	T	Bromoform	1	U	1	ug/l
RBAM2W	RBAM1W	False	11/07/2002	Field Duplicate	8260	74-83-9	T	Bromomethane	1	U	1	ug/l
RBAM1W		False	11/07/2002	Field Sample	8260	74-83-9	T	Bromomethane	1	U	1	ug/l
RBAM1W-Filtered	RBAM1W	True	11/07/2002	Field Sample	6010	7440-43-9	D	Cadmium	0.005	U	0.005	mg/l
RBAM2W-Filtered	RBAM2W	True	11/07/2002	Field Duplicate	6010	7440-43-9	D	Cadmium	0.005	U	0.005	mg/l
RBAM2W	RBAM1W	False	11/07/2002	Field Duplicate	6010	7440-43-9	T	Cadmium	0.005	U	0.005	mg/l
RBAM1W		False	11/07/2002	Field Sample	6010	7440-43-9	T	Cadmium	0.005	U	0.005	mg/l
RBAM1W-Filtered	RBAM1W	True	11/07/2002	Field Sample	6010	7440-70-2	D	Calcium	49		0.5	mg/l
RBAM2W-Filtered	RBAM2W	True	11/07/2002	Field Duplicate	6010	7440-70-2	D	Calcium	50		0.5	mg/l
RBAM2W	RBAM1W	False	11/07/2002	Field Duplicate	6010	7440-70-2	T	Calcium	49		0.5	mg/l
RBAM1W		False	11/07/2002	Field Sample	6010	7440-70-2	T	Calcium	49		0.5	mg/l
RBAM1W		False	11/07/2002	Field Sample	8270	86-74-8	T	Carbazole	10	U	10	ug/l
RBAM2W	RBAM1W	False	11/07/2002	Field Duplicate	8270	86-74-8	T	Carbazole	10	U	10	ug/l
RBAM2W	RBAM1W	False	11/07/2002	Field Duplicate	8260	75-15-0	T	Carbon Disulfide	1	U	1	ug/l
RBAM1W		False	11/07/2002	Field Sample	8260	75-15-0	T	Carbon Disulfide	1	U	1	ug/l
RBAM2W	RBAM1W	False	11/07/2002	Field Duplicate	8260	56-23-5	T	Carbon Tetrachloride	1	U	1	ug/l
RBAM1W		False	11/07/2002	Field Sample	8260	56-23-5	T	Carbon Tetrachloride	1	U	1	ug/l
RBAM2W	RBAM1W	False	11/07/2002	Field Duplicate	8260	108-90-7	T	Chlorobenzene	1.5		1	ug/l
RBAM1W		False	11/07/2002	Field Sample	8260	108-90-7	T	Chlorobenzene	2.3		1	ug/l
RBAM2W	RBAM1W	False	11/07/2002	Field Duplicate	8260	124-48-1	T	Chlorodibromomethane	1	U	1	ug/l
RBAM1W		False	11/07/2002	Field Sample	8260	124-48-1	T	Chlorodibromomethane	1	U	1	ug/l
RBAM2W	RBAM1W	False	11/07/2002	Field Duplicate	8260	75-00-3	T	Chloroethane	1	U	1	ug/l
RBAM1W		False	11/07/2002	Field Sample	8260	75-00-3	T	Chloroethane	1	U	1	ug/l
RBAM2W	RBAM1W	False	11/07/2002	Field Duplicate	8260	67-66-3	T	Chloroform	1	U	1	ug/l
RBAM1W		False	11/07/2002	Field Sample	8260	67-66-3	T	Chloroform	1	U	1	ug/l
RBAM1W		False	11/07/2002	Field Sample	8260	74-87-3	T	Chloromethane	1	U	1	ug/l
RBAM2W	RBAM1W	False	11/07/2002	Field Duplicate	8260	74-87-3	T	Chloromethane	1	U	1	ug/l
RBAM1W-Filtered	RBAM1W	True	11/07/2002	Field Sample	6010	7440-47-3	D	Chromium	0.01	U	0.01	mg/l
RBAM2W-Filtered	RBAM2W	True	11/07/2002	Field Duplicate	6010	7440-47-3	D	Chromium	0.01	U	0.01	mg/l
RBAM1W		False	11/07/2002	Field Sample	6010	7440-47-3	T	Chromium	0.01	U	0.01	mg/l
RBAM2W	RBAM1W	False	11/07/2002	Field Duplicate	6010	7440-47-3	T	Chromium	0.01	U	0.01	mg/l
RBAM2W	RBAM1W	False	11/07/2002	Field Duplicate	8270	218-01-9	T	Chrysene	10	U	10	ug/l
RBAM1W		False	11/07/2002	Field Sample	8270	218-01-9	T	Chrysene	10	U	10	ug/l
RBAM2W	RBAM1W	False	11/07/2002	Field Duplicate	8260	10061-01-5	T	cis-1,3-Dichloropropene	1	U	1	ug/l
RBAM1W		False	11/07/2002	Field Sample	8260	10061-01-5	T	cis-1,3-Dichloropropene	1	U	1	ug/l
RBAM1W		False	11/07/2002	Field Sample	6010	7440-48-4	T	Cobalt	0.0012	J	0.01	mg/l

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Cobalt	0.01	U	0.01	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Cobalt	0.01	U	0.01	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Cobalt	0.01	U	0.01	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Copper	0.02	U	0.02	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Copper	0.02	U	0.02	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Hardness, Carbonate	180		200	mg/l as CaCO3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Hardness, Carbonate	200		200	mg/l as CaCO3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Iron	[illegible]		0.05	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Iron	[illegible]		0.05	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Iron	1		[illegible]	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Iron	1.1		[illegible]	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	10	U	10	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	10	U	10	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Lead	[illegible]	U	[illegible]	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Lead	[illegible]	U	[illegible]	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Lead	[illegible]	[illegible]	[illegible]	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Lead	[illegible]	[illegible]	[illegible]	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Magnesium	19		0.5	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Magnesium	20		0.5	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Magnesium	[illegible]		0.5	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Magnesium	[illegible]		0.5	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Manganese	0.01	U	0.01	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	Manganese	0.01	U	0.01	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Manganese	[illegible]		[illegible]	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Manganese	[illegible]		[illegible]	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	mg/l
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	mg/l

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
RIAM2W-Filtered	RIAM2W	True	11/07/2002	Field Duplicate	7470	7439-97-6	D	Mercury	0.0002	U	0.0002	mg/l
RIAM1W-Filtered	RIAM1W	True	11/07/2002	Field Sample	7470	7439-97-6	D	Mercury	0.0002	U	0.0002	mg/l
RIAM1W		False	11/07/2002	Field Sample	7470	7439-97-6	T	Mercury	0.0002	U	0.0002	mg/l
RIAM2W	RIAM1W	False	11/07/2002	Field Duplicate	7470	7439-97-6	T	Mercury	0.0002	U	0.0002	mg/l
RIAM2W	RIAM1W	False	11/07/2002	Field Duplicate	8081	72-43-5	T	Methoxychlor	0.5	U	0.5	ug/l
RIAM1W		False	11/07/2002	Field Sample	8081	72-43-5	T	Methoxychlor	0.5	U	0.5	ug/l
RIAM2W	RIAM1W	False	11/07/2002	Field Duplicate	8260	591-78-6	T	Methyl N-Butyl Ketone	10	U	10	ug/l
RIAM1W		False	11/07/2002	Field Sample	8260	591-78-6	T	Methyl N-Butyl Ketone	10	U	10	ug/l
RIAM1W		False	11/07/2002	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	0.1	U	0.1	ug/l
RIAM2W	RIAM1W	False	11/07/2002	Field Duplicate	680	C-MONOCHLORO	T	Monochlorobiphenyl	0.1	U	0.1	ug/l
RIAM1W		False	11/07/2002	Field Sample	8270	91-20-3	T	Naphthalene	10	U	10	ug/l
RIAM2W	RIAM1W	False	11/07/2002	Field Duplicate	8270	91-20-3	T	Naphthalene	10	U	10	ug/l
RIAM1W-Filtered	RIAM1W	True	11/07/2002	Field Sample	6010	7440-02-0	D	Nickel	0.04	U	0.04	mg/l
RIAM2W-Filtered	RIAM2W	True	11/07/2002	Field Duplicate	6010	7440-02-0	D	Nickel	0.04	U	0.04	mg/l
RIAM2W	RIAM1W	False	11/07/2002	Field Duplicate	6010	7440-02-0	T	Nickel	0.04	U	0.04	mg/l
RIAM1W		False	11/07/2002	Field Sample	6010	7440-02-0	T	Nickel	0.04	U	0.04	mg/l
RIAM2W	RIAM1W	False	11/07/2002	Field Duplicate	8270	98-95-3	T	Nitrobenzene	10	U	10	ug/l
RIAM1W		False	11/07/2002	Field Sample	8270	98-95-3	T	Nitrobenzene	10	U	10	ug/l
RIAM1W		False	11/07/2002	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	10	U	10	ug/l
RIAM2W	RIAM1W	False	11/07/2002	Field Duplicate	8270	621-64-7	T	N-Nitroso-di-n-propylamine	10	U	10	ug/l
RIAM1W		False	11/07/2002	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	10	U	10	ug/l
RIAM2W	RIAM1W	False	11/07/2002	Field Duplicate	8270	86-30-6	T	N-Nitrosodiphenylamine	10	U	10	ug/l
RIAM1W		False	11/07/2002	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	0.5	U	0.5	ug/l
RIAM2W	RIAM1W	False	11/07/2002	Field Duplicate	680	C-NONACHLORO	T	Nonachlorobiphenyl	0.5	U	0.5	ug/l
RIAM1W		False	11/07/2002	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	0.3	U	0.3	ug/l
RIAM2W	RIAM1W	False	11/07/2002	Field Duplicate	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	0.3	U	0.3	ug/l
RIAM1W		False	11/07/2002	Field Sample	8270	106-47-8	T	P-Chloroaniline	20	U	20	ug/l
RIAM2W	RIAM1W	False	11/07/2002	Field Duplicate	8270	106-47-8	T	P-Chloroaniline	20	U	20	ug/l
RIAM2W	RIAM1W	False	11/07/2002	Field Duplicate	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	0.2	U	0.2	ug/l
RIAM1W		False	11/07/2002	Field Sample	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	0.2	U	0.2	ug/l
RIAM1W		False	11/07/2002	Field Sample	8151	87-86-5	T	Pentachlorophenol	1	U	1	ug/l
RIAM2W	RIAM1W	False	11/07/2002	Field Duplicate	8151	87-86-5	T	Pentachlorophenol	1	U	1	ug/l
RIAM1W		False	11/07/2002	Field Sample	8270	85-01-8	T	Phenanthrene	10	U	10	ug/l
RIAM2W	RIAM1W	False	11/07/2002	Field Duplicate	8270	85-01-8	T	Phenanthrene	10	U	10	ug/l
RIAM2W	RIAM1W	False	11/07/2002	Field Duplicate	8270	108-95-2	T	Phenol	10	U	10	ug/l
RIAM1W		False	11/07/2002	Field Sample	8270	108-95-2	T	Phenol	10	U	10	ug/l
RIAM2W	RIAM1W	False	11/07/2002	Field Duplicate	8270	100-01-6	T	P-Nitroaniline	50	U	50	ug/l
RIAM1W		False	11/07/2002	Field Sample	8270	100-01-6	T	P-Nitroaniline	50	U	50	ug/l
RIAM1W-Filtered	RIAM1W	True	11/07/2002	Field Sample	6010	7440-09-7	D	Potassium	3.4		0.01	mg/l
RIAM2W-Filtered	RIAM2W	True	11/07/2002	Field Duplicate	6010	7440-09-7	D	Potassium	3.5		0.01	mg/l
RIAM2W	RIAM1W	False	11/07/2002	Field Duplicate	6010	7440-09-7	T	Potassium	3.5		0.01	mg/l
RIAM1W		False	11/07/2002	Field Sample	6010	7440-09-7	T	Potassium	3.5		0.01	mg/l
RIAM1W		False	11/07/2002	Field Sample	8270	129-00-0	T	Pyrene	10	U	10	ug/l
RIAM2W	RIAM1W	False	11/07/2002	Field Duplicate	8270	129-00-0	T	Pyrene	10	U	10	ug/l
RIAM2W-Filtered	RIAM2W	True	11/07/2002	Field Duplicate	6010	7782-49-2	D	Selenium	0.01	U	0.01	mg/l
RIAM1W-Filtered	RIAM1W	True	11/07/2002	Field Sample	6010	7782-49-2	D	Selenium	0.01	U	0.01	mg/l
RIAM1W		False	11/07/2002	Field Sample	6010	7782-49-2	T	Selenium	0.01	U	0.01	mg/l
RIAM2W	RIAM1W	False	11/07/2002	Field Duplicate	6010	7782-49-2	T	Selenium	0.01	U	0.01	mg/l
RIAM1W-Filtered	RIAM1W	True	11/07/2002	Field Sample	6010	7440-22-4	D	Silver	0.01	U	0.01	mg/l
RIAM2W-Filtered	RIAM2W	True	11/07/2002	Field Duplicate	6010	7440-22-4	D	Silver	0.01	U	0.01	mg/l
RIAM2W	RIAM1W	False	11/07/2002	Field Duplicate	6010	7440-22-4	T	Silver	0.01	U	0.01	mg/l
RIAM1W		False	11/07/2002	Field Sample	6010	7440-22-4	T	Silver	0.01	U	0.01	mg/l
RIAM1W-Filtered	RIAM1W	True	11/07/2002	Field Sample	6010	7440-23-5	D	Sodium	18		80	mg/l
RIAM2W-Filtered	RIAM2W	True	11/07/2002	Field Duplicate	6010	7440-23-5	D	Sodium	18		80	mg/l
RIAM2W	RIAM1W	False	11/07/2002	Field Duplicate	6010	7440-23-5	T	Sodium	18		80	mg/l
RIAM1W		False	11/07/2002	Field Sample	6010	7440-23-5	T	Sodium	18		80	mg/l
RIAM1W		False	11/07/2002	Field Sample	8260	100-42-5	T	Styrene (Monomer)	1	U	1	ug/l
RIAM2W	RIAM1W	False	11/07/2002	Field Duplicate	8260	100-42-5	T	Styrene (Monomer)	1	U	1	ug/l
RIAM1W		False	11/07/2002	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	0.2	U	0.2	ug/l
RIAM2W	RIAM1W	False	11/07/2002	Field Duplicate	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	0.2	U	0.2	ug/l
RIAM1W		False	11/07/2002	Field Sample	8260	127-18-4	T	Tetrachloroethene	1	U	1	ug/l
RIAM2W	RIAM1W	False	11/07/2002	Field Duplicate	8260	127-18-4	T	Tetrachloroethene	1	U	1	ug/l
RIAM1W-Filtered	RIAM1W	True	11/07/2002	Field Sample	6010	7440-28-0	D	Thallium	0.01	UJ	0.01	mg/l
RIAM2W-Filtered	RIAM2W	True	11/07/2002	Field Duplicate	6010	7440-28-0	D	Thallium	0.01	UJ	0.01	mg/l
RIAM1W		False	11/07/2002	Field Sample	6010	7440-28-0	T	Thallium	0.01	UJ	0.01	mg/l
RIAM2W	RIAM1W	False	11/07/2002	Field Duplicate	6010	7440-28-0	T	Thallium	0.01	UJ	0.01	mg/l
RIAM1W		False	11/07/2002	Field Sample	8260	108-88-3	T	Toluene	0.45	J	1	ug/l
RIAM2W	RIAM1W	False	11/07/2002	Field Duplicate	8260	108-88-3	T	Toluene	1	U	1	ug/l
RIAM2W	RIAM1W	False	11/07/2002	Field Duplicate	8081	8001-35-2	T	Toxaphene	5	U	5	ug/l
RIAM1W		False	11/07/2002	Field Sample	8081	8001-35-2	T	Toxaphene	5	U	5	ug/l
RIAM2W	RIAM1W	False	11/07/2002	Field Duplicate	8260	10061-02-6	T	trans-1,3-Dichloropropene	1	U	1	ug/l
RIAM1W		False	11/07/2002	Field Sample	8260	10061-02-6	T	trans-1,3-Dichloropropene	1	U	1	ug/l
RIAM2W	RIAM1W	False	11/07/2002	Field Duplicate	680	C-TRICHLOROB	T	Trichlorobiphenyl	0.1	U	0.1	ug/l
RIAM1W		False	11/07/2002	Field Sample	680	C-TRICHLOROB	T	Trichlorobiphenyl	0.1	U	0.1	ug/l
RIAM1W		False	11/07/2002	Field Sample	8260	79-01-6	T	Trichloroethylene	1	U	1	ug/l
RIAM2W	RIAM1W	False	11/07/2002	Field Duplicate	8260	79-01-6	T	Trichloroethylene	1	U	1	ug/l
RIAM1W-Filtered	RIAM1W	True	11/07/2002	Field Sample	6010	7440-62-2	D	Vanadium	0.01	U	0.01	mg/l
RIAM2W-Filtered	RIAM2W	True	11/07/2002	Field Duplicate	6010	7440-62-2	D	Vanadium	0.01	U	0.01	mg/l
RIAM2W	RIAM1W	False	11/07/2002	Field Duplicate	6010	7440-62-2	T	Vanadium	0.01	U	0.01	mg/l
RIAM1W		False	11/07/2002	Field Sample	6010	7440-62-2	T	Vanadium	0.01	U	0.01	mg/l
RIAM1W		False	11/07/2002	Field Sample	8260	75-01-4	T	Vinyl chloride	1	U	1	ug/l
RIAM2W	RIAM1W	False	11/07/2002	Field Duplicate	8260	75-01-4	T	Vinyl chloride	1	U	1	ug/l
RIAM2W	RIAM1W	False	11/07/2002	Field Duplicate	8260	1330-20-7	T	Xylenes, Total	2	U	2	ug/l
RIAM1W		False	11/07/2002	Field Sample	8260	1330-20-7	T	Xylenes, Total	2	U	2	ug/l
RIAM2W-Filtered	RIAM2W	True	11/07/2002	Field Duplicate	6010	7440-66-6	D	Zinc	0.0057	J	0.02	mg/l
RIAM1W		False	11/07/2002	Field Sample	6010	7440-66-6	T	Zinc	0.0049	J	0.02	mg/l
RIAM2W	RIAM1W	False	11/07/2002	Field Duplicate	6010	7440-66-6	T	Zinc	0.005	J	0.02	mg/l
RIAM1W-Filtered	RIAM1W	True	11/07/2002	Field Sample	6010	7440-66-6	D	Zinc	0.02	U	0.02	mg/l
RIAU1W		False	11/06/2002	Field Sample	8260	71-55-6	T	1,1,1-Trichloroethane	1	U	1	ug/l
RIAU1W		False	11/06/2002	Field Sample	8260	79-34-5	T	1,1,2,2-Tetrachloroethane	1	U	1	ug/l
RIAU1W		False	11/06/2002	Field Sample	8260	79-00-5	T	1,1,2-Trichloroethane	1	U	1	ug/l
RIAU1W		False	11/06/2002	Field Sample	8260	75-34-3	T	1,1-Dichloroethane	1	U	1	ug/l
RIAU1W		False	11/06/2002	Field Sample	8260	75-35-4	T	1,1-Dichloroethylene	1	U	1	ug/l
RIAU1W		False	11/06/2002	Field Sample	8270	120-82-1	T	1,2,4-Trichlorobenzene	10	U	10	ug/l
RIAU1W		False	11/06/2002	Field Sample	8270	95-50-1	T	1,2-Dichlorobenzene	10	U	10	ug/l
RIAU1W		False	11/06/2002	Field Sample	8260	107-06-2	T	1,2-Dichloroethane	1	U	1	ug/l
RIAU1W		False	11/06/2002	Field Sample	8260	540-59-0	T	1,2-Dichloroethene (total)	2	U	2	ug/l
RIAU1W		False	11/06/2002	Field Sample	8260	78-87-5	T	1,2-Dichloropropane	1	U	1	ug/l

Appendix II-C

Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R6AU1W		False	11/06/2002	Field Sample	8270	206-44-0	T	Fluoranthene	10	U	10	ug/l
R6AU1W		False	11/06/2002	Field Sample	8270	86-73-7	T	Fluorene	10	U	10	ug/l
R6AU1W		False	11/06/2002	Field Sample	8081	58-89-9	T	gamma-BHC (Lindane)	0.05	U	0.05	ug/l
R6AU1W		False	11/06/2002	Field Sample	8081	5103-74-2	T	gamma-Chlordane	0.05	U	0.05	ug/l
R6AU1W		False	11/06/2002	Field Sample	130.2	E-11778	T	Hardness, Carbonate	200		200	mg/l as Ca
R6AU1W		False	11/06/2002	Field Sample	8081	76-44-8	T	Heptachlor	0.05	U	0.05	ug/l
R6AU1W		False	11/06/2002	Field Sample	8081	1024-57-3	T	Heptachlor Epoxide	0.05	U	0.05	ug/l
R6AU1W		False	11/06/2002	Field Sample	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	0.3	U	0.3	ug/l
R6AU1W		False	11/06/2002	Field Sample	8270	118-74-1	T	Hexachlorobenzene	10	U	10	ug/l
R6AU1W		False	11/06/2002	Field Sample	680	C-HEXACHLORO	T	Hexachlorobiphenyl	0.2	U	0.2	ug/l
R6AU1W		False	11/06/2002	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	10	U	10	ug/l
R6AU1W		False	11/06/2002	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	10	U	10	ug/l
R6AU1W		False	11/06/2002	Field Sample	8270	67-72-1	T	Hexachloroethane	10	U	10	ug/l
R6AU1W		False	11/06/2002	Field Sample	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	10	U	10	ug/l
R6AU1W-Filtered	R6AU1W	True	11/06/2002	Field Sample	6010	7439-89-6	D	Iron	0.077		0.05	mg/l
R6AU1W		False	11/06/2002	Field Sample	6010	7439-89-6	T	Iron	1.4		0.05	mg/l
R6AU1W		False	11/06/2002	Field Sample	8270	78-59-1	T	Isophorone	10	U	10	ug/l
R6AU1W-Filtered	R6AU1W	True	11/06/2002	Field Sample	6010	7439-92-1	D	Lead	0.005	U	0.005	mg/l
R6AU1W		False	11/06/2002	Field Sample	6010	7439-92-1	T	Lead	0.005	U	0.005	mg/l
R6AU1W-Filtered	R6AU1W	True	11/06/2002	Field Sample	6010	7439-95-4	D	Magnesium	19		0.5	mg/l
R6AU1W		False	11/06/2002	Field Sample	6010	7439-95-4	T	Magnesium	19		0.5	mg/l
R6AU1W-Filtered	R6AU1W	True	11/06/2002	Field Sample	6010	7439-96-5	D	Manganese	0.01	U	0.01	mg/l
R6AU1W		False	11/06/2002	Field Sample	6010	7439-96-5	T	Manganese	0.083		0.01	mg/l
R6AU1W		False	11/06/2002	Field Sample	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	120	U	120	ug/l
R6AU1W		False	11/06/2002	Field Sample	8151	93-65-2	T	MCPP	120	U	120	ug/l
R6AU1W-Filtered	R6AU1W	True	11/06/2002	Field Sample	7470	7439-97-6	D	Mercury	0.0002	U	0.0002	mg/l
R6AU1W		False	11/06/2002	Field Sample	7470	7439-97-6	T	Mercury	0.0002	U	0.0002	mg/l
R6AU1W		False	11/06/2002	Field Sample	8081	72-43-5	T	Methoxychlor	0.5	U	0.5	ug/l
R6AU1W		False	11/06/2002	Field Sample	8260	591-78-6	T	Methyl N-Butyl Ketone	10	U	10	ug/l
R6AU1W		False	11/06/2002	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	0.1	U	0.1	ug/l
R6AU1W		False	11/06/2002	Field Sample	8270	91-20-3	T	Naphthalene	10	U	10	ug/l
R6AU1W-Filtered	R6AU1W	True	11/06/2002	Field Sample	6010	7440-02-0	D	Nickel	0.04	U	0.04	mg/l
R6AU1W		False	11/06/2002	Field Sample	6010	7440-02-0	T	Nickel	0.04	U	0.04	mg/l
R6AU1W		False	11/06/2002	Field Sample	8270	98-95-3	T	Nitrobenzene	10	U	10	ug/l
R6AU1W		False	11/06/2002	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	10	U	10	ug/l
R6AU1W		False	11/06/2002	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	10	U	10	ug/l
R6AU1W		False	11/06/2002	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	0.5	U	0.5	ug/l
R6AU1W		False	11/06/2002	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	0.3	U	0.3	ug/l
R6AU1W		False	11/06/2002	Field Sample	8270	106-47-8	T	P-Chloroaniline	20	U	20	ug/l
R6AU1W		False	11/06/2002	Field Sample	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	0.2	U	0.2	ug/l
R6AU1W		False	11/06/2002	Field Sample	8151	87-86-5	T	Pentachlorophenol	1	U	1	ug/l
R6AU1W		False	11/06/2002	Field Sample	8270	85-01-8	T	Phenanthrene	10	U	10	ug/l
R6AU1W		False	11/06/2002	Field Sample	8270	108-95-2	T	Phenol	10	U	10	ug/l
R6AU1W		False	11/06/2002	Field Sample	8270	100-01-6	T	P-Nitroaniline	50	U	50	ug/l
R6AU1W-Filtered	R6AU1W	True	11/06/2002	Field Sample	6010	7440-09-7	D	Potassium	3.4		0.01	mg/l
R6AU1W		False	11/06/2002	Field Sample	6010	7440-09-7	T	Potassium	3.5		0.01	mg/l
R6AU1W		False	11/06/2002	Field Sample	8270	129-00-0	T	Pyrene	10	U	10	ug/l
R6AU1W-Filtered	R6AU1W	True	11/06/2002	Field Sample	6010	7782-49-2	D	Selenium	0.01	U	0.01	mg/l
R6AU1W		False	11/06/2002	Field Sample	6010	7782-49-2	T	Selenium	0.01	U	0.01	mg/l
R6AU1W-Filtered	R6AU1W	True	11/06/2002	Field Sample	6010	7440-22-4	D	Silver	0.01	U	0.01	mg/l
R6AU1W		False	11/06/2002	Field Sample	6010	7440-22-4	T	Silver	0.01	U	0.01	mg/l
R6AU1W-Filtered	R6AU1W	True	11/06/2002	Field Sample	6010	7440-23-5	D	Sodium	19		80	mg/l
R6AU1W		False	11/06/2002	Field Sample	6010	7440-23-5	T	Sodium	19		80	mg/l
R6AU1W		False	11/06/2002	Field Sample	8260	100-42-5	T	Styrene (Monomer)	1	U	1	ug/l
R6AU1W		False	11/06/2002	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	0.2	U	0.2	ug/l
R6AU1W		False	11/06/2002	Field Sample	8260	127-18-4	T	Tetrachloroethene	1	U	1	ug/l
R6AU1W-Filtered	R6AU1W	True	11/06/2002	Field Sample	6010	7440-28-0	D	Thallium	0.01	U	0.01	mg/l
R6AU1W		False	11/06/2002	Field Sample	6010	7440-28-0	T	Thallium	0.01	U	0.01	mg/l
R6AU1W		False	11/06/2002	Field Sample	8260	108-88-3	T	Toluene	1	U	1	ug/l
R6AU1W		False	11/06/2002	Field Sample	8081	8001-35-2	T	Toxaphene	5	U	5	ug/l
R6AU1W		False	11/06/2002	Field Sample	8260	10061-02-6	T	trans-1,3-Dichloropropene	1	U	1	ug/l
R6AU1W		False	11/06/2002	Field Sample	680	C-TRICHLOROB	T	Trichlorobiphenyl	0.1	U	0.1	ug/l
R6AU1W		False	11/06/2002	Field Sample	8260	79-01-6	T	Trichloroethylene	1	U	1	ug/l
R6AU1W-Filtered	R6AU1W	True	11/06/2002	Field Sample	6010	7440-62-2	D	Vanadium	0.01	U	0.01	mg/l
R6AU1W		False	11/06/2002	Field Sample	6010	7440-62-2	T	Vanadium	0.01	U	0.01	mg/l
R6AU1W		False	11/06/2002	Field Sample	8260	75-01-4	T	Vinyl chloride	1	U	1	ug/l
R6AU1W		False	11/06/2002	Field Sample	8260	1330-20-7	T	Xylenes, Total	2	U	2	ug/l
R6AU1W		False	11/06/2002	Field Sample	6010	7440-66-6	T	Zinc	0.0066	J	0.02	mg/l
R6AU1W-Filtered	R6AU1W	True	11/06/2002	Field Sample	6010	7440-66-6	D	Zinc	0.02	U	0.02	mg/l
R6BM1W		False	11/07/2002	Field Sample	8260	71-55-6	T	1,1,1-Trichloroethane	1	U	1	ug/l
R6BM1W		False	11/07/2002	Field Sample	8260	79-34-5	T	1,1,2,2-Tetrachloroethane	1	U	1	ug/l
R6BM1W		False	11/07/2002	Field Sample	8260	79-00-5	T	1,1,2-Trichloroethane	1	U	1	ug/l
R6BM1W		False	11/07/2002	Field Sample	8260	75-34-3	T	1,1-Dichloroethane	1	U	1	ug/l
R6BM1W		False	11/07/2002	Field Sample	8260	75-35-4	T	1,1-Dichloroethylene	1	U	1	ug/l
R6BM1W		False	11/07/2002	Field Sample	8290	35822-46-9	T	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	0.0000086	U	0.0000086	ug/l
R6BM1W		False	11/07/2002	Field Sample	8290	67562-39-4	T	1,2,3,4,6,7,8-HpCDF	0.00000083	U	0.00000083	ug/l
R6BM1W		False	11/07/2002	Field Sample	8290	55673-89-7	T	1,2,3,4,7,8,9-HpCDF	0.00000073	U	0.00000073	ug/l
R6BM1W		False	11/07/2002	Field Sample	8290	39227-28-6	T	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.0000013	U	0.0000013	ug/l
R6BM1W		False	11/07/2002	Field Sample	8290	70648-26-9	T	1,2,3,4,7,8-HxCDF	0.00000086	U	0.00000086	ug/l
R6BM1W		False	11/07/2002	Field Sample	8290	57653-85-7	T	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	0.0000012	U	0.0000012	ug/l
R6BM1W		False	11/07/2002	Field Sample	8290	57117-44-9	T	1,2,3,6,7,8-HxCDF	0.00000078	U	0.00000078	ug/l
R6BM1W		False	11/07/2002	Field Sample	8290	19408-74-3	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.0000012	U	0.0000012	ug/l
R6BM1W		False	11/07/2002	Field Sample	8290	72918-21-9	T	1,2,3,7,8,9-HxCDF	0.00000097	U	0.00000097	ug/l
R6BM1W		False	11/07/2002	Field Sample	8290	57117-41-6	T	1,2,3,7,8-Pentachlorodibenzofuran	0.0000009	U	0.0000009	ug/l
R6BM1W		False	11/07/2002	Field Sample	8290	40321-76-4	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.0000019	U	0.0000019	ug/l
R6BM1W		False	11/07/2002	Field Sample	8270	120-82-1	T	1,2,4-Trichlorobenzene	10	U	10	ug/l
R6BM1W		False	11/07/2002	Field Sample	8270	95-50-1	T	1,2-Dichlorobenzene	10	U	10	ug/l
R6BM1W		False	11/07/2002	Field Sample	8260	107-06-2	T	1,2-Dichloroethane	1	U	1	ug/l
R6BM1W		False	11/07/2002	Field Sample	8260	540-59-0	T	1,2-Dichloroethene (total)	2	U	2	ug/l
R6BM1W		False	11/07/2002	Field Sample	8260	78-87-5	T	1,2-Dichloropropane	1	U	1	ug/l
R6BM1W		False	11/07/2002	Field Sample	8270	541-73-1	T	1,3-Dichlorobenzene	10	U	10	ug/l
R6BM1W		False	11/07/2002	Field Sample	8270	106-46-7	T	1,4-Dichlorobenzene	10	U	10	ug/l
R6BM1W		False	11/07/2002	Field Sample	8270	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	10	U	10	ug/l
R6BM1W		False	11/07/2002	Field Sample	8290	60851-34-5	T	2,3,4,6,7,8-HxCDF	0.00000086	U	0.00000086	ug/l
R6BM1W		False	11/07/2002	Field Sample	8290	57117-31-4	T	2,3,4,7,8-PeCDF	0.00000086	U	0.00000086	ug/l
R6BM1W		False	11/07/2002	Field Sample	8290	1746-01-6	T	2,3,7,8-TCDD	0.00000076	UJ	0.00000076	ug/l
R6BM1W		False	11/07/2002	Field Sample	8290	51207-31-9	T	2,3,7,8-Tetrachlorodibenzofuran	0.0000012	U	0.0000012	ug/l
R6BM1W		False	11/07/2002	Field Sample	8151	93-76-5	T	2,4,5-T	0.5	U	0.5	ug/l
R6BM1W		False	11/07/2002	Field Sample	8151	93-72-1	T	2,4,5-TP (Silvex)	0.5	U	0.5	ug/l
R6BM1W		False	11/07/2002	Field Sample	8270	95-95-4	T	2,4,5-Trichlorophenol	10	U	10	ug/l
R6BM1W		False	11/07/2002	Field Sample	8270	88-06-2	T	2,4,6-Trichlorophenol	10	U	10	ug/l
R6BM1W		False	11/07/2002	Field Sample	8151	94-75-7	T	2,4-D	0.98		0.5	ug/l

Appendix II-C

Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units

Appendix II-C

Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R6BM1W		False	11/07/2002	Field Sample	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	0.3	U	0.3	ug/l
R6BM1W		False	11/07/2002	Field Sample	8270	118-74-1	T	Hexachlorobenzene	10	U	10	ug/l
R6BM1W		False	11/07/2002	Field Sample	680	C-HEXACHLORO	T	Hexachlorobiphenyl	0.2	U	0.2	ug/l
R6BM1W		False	11/07/2002	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	10	U	10	ug/l
R6BM1W		False	11/07/2002	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	10	U	10	ug/l
R6BM1W		False	11/07/2002	Field Sample	8270	67-72-1	T	Hexachloroethane	10	U	10	ug/l
R6BM1W		False	11/07/2002	Field Sample	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	10	U	10	ug/l
R6BM1W-Filtered	R6BM1W	True	11/07/2002	Field Sample	6010	7439-89-6	D	Iron	0.053		0.05	mg/l
R6BM1W		False	11/07/2002	Field Sample	6010	7439-89-6	T	Iron	1.1		0.05	mg/l
R6BM1W		False	11/07/2002	Field Sample	8270	78-59-1	T	Isophorone	10	U	10	ug/l
R6BM1W-Filtered	R6BM1W	True	11/07/2002	Field Sample	6010	7439-92-1	D	Lead	0.005	U	0.005	mg/l
R6BM1W		False	11/07/2002	Field Sample	6010	7439-92-1	T	Lead	0.005	U	0.005	mg/l
R6BM1W-Filtered	R6BM1W	True	11/07/2002	Field Sample	6010	7439-95-4	D	Magnesium	20		0.5	mg/l
R6BM1W		False	11/07/2002	Field Sample	6010	7439-95-4	T	Magnesium	20		0.5	mg/l
R6BM1W-Filtered	R6BM1W	True	11/07/2002	Field Sample	6010	7439-96-5	D	Manganese	0.01	U	0.01	mg/l
R6BM1W		False	11/07/2002	Field Sample	6010	7439-96-5	T	Manganese	0.085		0.01	mg/l
R6BM1W		False	11/07/2002	Field Sample	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	120	U	120	ug/l
R6BM1W		False	11/07/2002	Field Sample	8151	93-65-2	T	MCPP	120	U	120	ug/l
R6BM1W-Filtered	R6BM1W	True	11/07/2002	Field Sample	7470	7439-97-6	D	Mercury	0.0002	U	0.0002	mg/l
R6BM1W		False	11/07/2002	Field Sample	7470	7439-97-6	T	Mercury	0.0002	U	0.0002	mg/l
R6BM1W		False	11/07/2002	Field Sample	8081	72-43-5	T	Methoxychlor	0.5	U	0.5	ug/l
R6BM1W		False	11/07/2002	Field Sample	8260	591-78-6	T	Methyl N-Butyl Ketone	10	U	10	ug/l
R6BM1W		False	11/07/2002	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	0.1	U	0.1	ug/l
R6BM1W		False	11/07/2002	Field Sample	8270	91-20-3	T	Naphthalene	10	U	10	ug/l
R6BM1W-Filtered	R6BM1W	True	11/07/2002	Field Sample	6010	7440-02-0	D	Nickel	0.04	U	0.04	mg/l
R6BM1W		False	11/07/2002	Field Sample	6010	7440-02-0	T	Nickel	0.04	U	0.04	mg/l
R6BM1W		False	11/07/2002	Field Sample	8270	98-95-3	T	Nitrobenzene	10	U	10	ug/l
R6BM1W		False	11/07/2002	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	10	U	10	ug/l
R6BM1W		False	11/07/2002	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	10	U	10	ug/l
R6BM1W		False	11/07/2002	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	0.5	U	0.5	ug/l
R6BM1W		False	11/07/2002	Field Sample	8290	3268-87-9	T	OCDD	0.000044	U	0.000044	ug/l
R6BM1W		False	11/07/2002	Field Sample	8290	39001-02-0	T	OCDF	0.0000016	U	0.0000016	ug/l
R6BM1W		False	11/07/2002	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	0.3	U	0.3	ug/l
R6BM1W		False	11/07/2002	Field Sample	8270	106-47-8	T	P-Chloroaniline	20	U	20	ug/l
R6BM1W		False	11/07/2002	Field Sample	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	0.2	U	0.2	ug/l
R6BM1W		False	11/07/2002	Field Sample	8151	87-86-5	T	Pentachlorophenol	1	U	1	ug/l
R6BM1W		False	11/07/2002	Field Sample	8270	85-01-8	T	Phenanthrene	10	U	10	ug/l
R6BM1W		False	11/07/2002	Field Sample	8270	108-95-2	T	Phenol	10	U	10	ug/l
R6BM1W		False	11/07/2002	Field Sample	8270	100-01-6	T	P-Nitroaniline	50	U	50	ug/l
R6BM1W-Filtered	R6BM1W	True	11/07/2002	Field Sample	6010	7440-09-7	D	Potassium	3.5		0.01	mg/l
R6BM1W		False	11/07/2002	Field Sample	6010	7440-09-7	T	Potassium	3.7		0.01	mg/l
R6BM1W		False	11/07/2002	Field Sample	8270	129-00-0	T	Pyrene	10	U	10	ug/l
R6BM1W-Filtered	R6BM1W	True	11/07/2002	Field Sample	6010	7782-49-2	D	Selenium	0.01	U	0.01	mg/l
R6BM1W		False	11/07/2002	Field Sample	6010	7782-49-2	T	Selenium	0.01	U	0.01	mg/l
R6BM1W-Filtered	R6BM1W	True	11/07/2002	Field Sample	6010	7440-22-4	D	Silver	0.01	U	0.01	mg/l
R6BM1W		False	11/07/2002	Field Sample	6010	7440-22-4	T	Silver	0.01	U	0.01	mg/l
R6BM1W-Filtered	R6BM1W	True	11/07/2002	Field Sample	6010	7440-23-5	D	Sodium	19		80	mg/l
R6BM1W		False	11/07/2002	Field Sample	6010	7440-23-5	T	Sodium	19		80	mg/l
R6BM1W		False	11/07/2002	Field Sample	8260	100-42-5	T	Styrene (Monomer)	1	U	1	ug/l
R6BM1W		False	11/07/2002	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	0.2	U	0.2	ug/l
R6BM1W		False	11/07/2002	Field Sample	8260	127-18-4	T	Tetrachloroethene	1	U	1	ug/l
R6BM1W-Filtered	R6BM1W	True	11/07/2002	Field Sample	6010	7440-28-0	D	Thallium	0.01	UJ	0.01	mg/l
R6BM1W		False	11/07/2002	Field Sample	6010	7440-28-0	T	Thallium	0.01	UJ	0.01	mg/l
R6BM1W		False	11/07/2002	Field Sample	8260	108-88-3	T	Toluene	1	U	1	ug/l
R6BM1W		False	11/07/2002	Field Sample	8290	37871-00-4	T	Total HpCDD	0.0000026	U	0.0000026	ug/l
R6BM1W		False	11/07/2002	Field Sample	8290	38998-75-3	T	Total HpCDF	0.00000083	U	0.00000083	ug/l
R6BM1W		False	11/07/2002	Field Sample	8290	34465-46-8	T	Total HxCDD	0.0000013	U	0.0000013	ug/l
R6BM1W		False	11/07/2002	Field Sample	8290	55684-94-1	T	Total HxCDF	0.00000097	U	0.00000097	ug/l
R6BM1W		False	11/07/2002	Field Sample	8290	36088-22-9	T	Total PeCDD	0.0000021	U	0.0000021	ug/l
R6BM1W		False	11/07/2002	Field Sample	8290	30402-15-4	T	Total PeCDF	0.0000015	U	0.0000015	ug/l
R6BM1W		False	11/07/2002	Field Sample	8290	41903-57-5	T	Total TCDD	0.00000076	UJ	0.00000076	ug/l
R6BM1W		False	11/07/2002	Field Sample	8290	55722-27-5	T	Total TCDF	0.0000012	U	0.0000012	ug/l
R6BM1W		False	11/07/2002	Field Sample	8081	8001-35-2	T	Toxaphene	5	U	5	ug/l
R6BM1W		False	11/07/2002	Field Sample	8260	10061-02-6	T	trans-1,3-Dichloropropene	1	U	1	ug/l
R6BM1W		False	11/07/2002	Field Sample	680	C-TRICHLOROB	T	Trichlorobiphenyl	0.1	U	0.1	ug/l
R6BM1W		False	11/07/2002	Field Sample	8260	79-01-6	T	Trichloroethylene	1	U	1	ug/l
R6BM1W-Filtered	R6BM1W	True	11/07/2002	Field Sample	6010	7440-62-2	D	Vanadium	0.01	U	0.01	mg/l
R6BM1W		False	11/07/2002	Field Sample	6010	7440-62-2	T	Vanadium	0.01	U	0.01	mg/l
R6BM1W		False	11/07/2002	Field Sample	8260	75-01-4	T	Vinyl chloride	1	U	1	ug/l
R6BM1W		False	11/07/2002	Field Sample	8260	1330-20-7	T	Xylenes, Total	2	U	2	ug/l
R6BM1W		False	11/07/2002	Field Sample	6010	7440-66-6	T	Zinc	0.005	J	0.02	mg/l
R6BM1W-Filtered	R6BM1W	True	11/07/2002	Field Sample	6010	7440-66-6	D	Zinc	0.02	U	0.02	mg/l
R6BU1W		False	11/06/2002	Field Sample	8260	71-55-6	T	1,1,1-Trichloroethane	1	U	1	ug/l
R6BU1W		False	11/06/2002	Field Sample	8260	79-34-5	T	1,1,2,2-Tetrachloroethane	1	U	1	ug/l
R6BU1W		False	11/06/2002	Field Sample	8260	79-00-5	T	1,1,2-Trichloroethane	1	U	1	ug/l
R6BU1W		False	11/06/2002	Field Sample	8260	75-34-3	T	1,1-Dichloroethane	1	U	1	ug/l
R6BU1W		False	11/06/2002	Field Sample	8260	75-35-4	T	1,1-Dichloroethylene	1	U	1	ug/l
R6BU1W		False	11/06/2002	Field Sample	8270	120-82-1	T	1,2,4-Trichlorobenzene	10	U	10	ug/l
R6BU1W		False	11/06/2002	Field Sample	8270	95-50-1	T	1,2-Dichlorobenzene	10	U	10	ug/l
R6BU1W		False	11/06/2002	Field Sample	8260	107-06-2	T	1,2-Dichloroethane	1	U	1	ug/l
R6BU1W		False	11/06/2002	Field Sample	8260	540-59-0	T	1,2-Dichloroethene (total)	2	U	2	ug/l
R6BU1W		False	11/06/2002	Field Sample	8260	78-87-5	T	1,2-Dichloropropane	1	U	1	ug/l
R6BU1W		False	11/06/2002	Field Sample	8270	541-73-1	T	1,3-Dichlorobenzene	10	U	10	ug/l
R6BU1W		False	11/06/2002	Field Sample	8270	106-46-7	T	1,4-Dichlorobenzene	10	U	10	ug/l
R6BU1W		False	11/06/2002	Field Sample	8270	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	10	U	10	ug/l
R6BU1W		False	11/06/2002	Field Sample	8151	93-76-5	T	2,4,5-T	0.5	U	0.5	ug/l
R6BU1W		False	11/06/2002	Field Sample	8151	93-72-1	T	2,4,5-TP (Silvex)	0.5	U	0.5	ug/l
R6BU1W		False	11/06/2002	Field Sample	8270	95-95-4	T	2,4,5-Trichlorophenol	10	U	10	ug/l
R6BU1W		False	11/06/2002	Field Sample	8270	88-06-2	T	2,4,6-Trichlorophenol	10	U	10	ug/l
R6BU1W		False	11/06/2002	Field Sample	8151	94-75-7	T	2,4-D	0.86		0.5	ug/l
R6BU1W		False	11/06/2002	Field Sample	8151	94-82-6	T	2,4-DB	0.5	UJ	0.5	ug/l
R6BU1W		False	11/06/2002	Field Sample	8270	120-83-2	T	2,4-Dichlorophenol	10	U	10	ug/l
R6BU1W		False	11/06/2002	Field Sample	8270	105-67-9	T	2,4-Dimethylphenol	10	U	10	ug/l
R6BU1W		False	11/06/2002	Field Sample	8270	51-28-5	T	2,4-Dinitrophenol	50	U	50	ug/l
R6BU1W		False	11/06/2002	Field Sample	8270	121-14-2	T	2,4-Dinitrotoluene	10	U	10	ug/l
R6BU1W		False	11/06/2002	Field Sample	8270	606-20-2	T	2,6-Dinitrotoluene	10	U	10	ug/l
R6BU1W		False	11/06/2002	Field Sample	8260	78-93-3	T	2-Butanone (MEK)	10	U	10	ug/l
R6BU1W		False	11/06/2002	Field Sample	8270	91-58-7	T	2-Chloronaphthalene	10	U	10	ug/l
R6BU1W		False	11/06/2002	Field Sample	8270	95-57-8	T	2-Chlorophenol	10	U	10	ug/l
R6BU1W		False	11/06/2002	Field Sample	8270	91-57-6	T	2-Methylnaphthalene	10	U	10	ug/l
R6BU1W		False	11/06/2002	Field Sample	8270	95-48-7	T	2-Methylphenol (o-Cresol)	10	U	10	ug/l
R6BU1W		False	11/06/2002	Field Sample	8270	88-74-4	T	2-Nitroaniline	50	U	50	ug/l
R6BU1W		False	11/06/2002	Field Sample	8270	88-75-5	T	2-Nitrophenol	10	U	10	ug/l

Appendix II-C

Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units

Appendix II-C
Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R6BU1W		False	11/06/2002	Field Sample	6010	7439-92-1	T	Lead	0.005	U	0.005	mg/l
R6BU1W-Filtered	R6BU1W	True	11/06/2002	Field Sample	6010	7439-95-4	D	Magnesium	19		0.5	mg/l
R6BU1W		False	11/06/2002	Field Sample	6010	7439-95-4	T	Magnesium	19		0.5	mg/l
R6BU1W-Filtered	R6BU1W	True	11/06/2002	Field Sample	6010	7439-96-5	D	Manganese	0.01	U	0.01	mg/l
R6BU1W		False	11/06/2002	Field Sample	6010	7439-96-5	T	Manganese	0.083		0.01	mg/l
R6BU1W		False	11/06/2002	Field Sample	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	120	U	120	ug/l
R6BU1W		False	11/06/2002	Field Sample	8151	93-65-2	T	MCPP	120	U	120	ug/l
R6BU1W-Filtered	R6BU1W	True	11/06/2002	Field Sample	7470	7439-97-6	D	Mercury	0.0002	U	0.0002	mg/l
R6BU1W		False	11/06/2002	Field Sample	7470	7439-97-6	T	Mercury	0.0002	U	0.0002	mg/l
R6BU1W		False	11/06/2002	Field Sample	8081	72-43-5	T	Methoxychlor	0.5	U	0.5	ug/l
R6BU1W		False	11/06/2002	Field Sample	8260	591-78-6	T	Methyl N-Butyl Ketone	10	U	10	ug/l
R6BU1W		False	11/06/2002	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	0.1	U	0.1	ug/l
R6BU1W		False	11/06/2002	Field Sample	8270	91-20-3	T	Naphthalene	10	U	10	ug/l
R6BU1W-Filtered	R6BU1W	True	11/06/2002	Field Sample	6010	7440-02-0	D	Nickel	0.04	U	0.04	mg/l
R6BU1W		False	11/06/2002	Field Sample	6010	7440-02-0	T	Nickel	0.04	U	0.04	mg/l
R6BU1W		False	11/06/2002	Field Sample	8270	98-95-3	T	Nitrobenzene	10	U	10	ug/l
R6BU1W		False	11/06/2002	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	10	U	10	ug/l
R6BU1W		False	11/06/2002	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	10	U	10	ug/l
R6BU1W		False	11/06/2002	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	0.5	U	0.5	ug/l
R6BU1W		False	11/06/2002	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	0.3	U	0.3	ug/l
R6BU1W		False	11/06/2002	Field Sample	8270	106-47-8	T	P-Chloroaniline	20	U	20	ug/l
R6BU1W		False	11/06/2002	Field Sample	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	0.2	U	0.2	ug/l
R6BU1W		False	11/06/2002	Field Sample	8151	87-86-5	T	Pentachlorophenol	1	U	1	ug/l
R6BU1W		False	11/06/2002	Field Sample	8270	85-01-8	T	Phenanthrene	10	U	10	ug/l
R6BU1W		False	11/06/2002	Field Sample	8270	108-95-2	T	Phenol	1	J	10	ug/l
R6BU1W		False	11/06/2002	Field Sample	8270	100-01-6	T	P-Nitroaniline	50	U	50	ug/l
R6BU1W-Filtered	R6BU1W	True	11/06/2002	Field Sample	6010	7440-09-7	D	Potassium	3.4		0.01	mg/l
R6BU1W		False	11/06/2002	Field Sample	6010	7440-09-7	T	Potassium	3.5		0.01	mg/l
R6BU1W		False	11/06/2002	Field Sample	8270	129-00-0	T	Pyrene	10	U	10	ug/l
R6BU1W-Filtered	R6BU1W	True	11/06/2002	Field Sample	6010	7782-49-2	D	Selenium	0.01	U	0.01	mg/l
R6BU1W		False	11/06/2002	Field Sample	6010	7782-49-2	T	Selenium	0.01	U	0.01	mg/l
R6BU1W-Filtered	R6BU1W	True	11/06/2002	Field Sample	6010	7440-22-4	D	Silver	0.01	U	0.01	mg/l
R6BU1W		False	11/06/2002	Field Sample	6010	7440-22-4	T	Silver	0.01	U	0.01	mg/l
R6BU1W-Filtered	R6BU1W	True	11/06/2002	Field Sample	6010	7440-23-5	D	Sodium	19		80	mg/l
R6BU1W		False	11/06/2002	Field Sample	6010	7440-23-5	T	Sodium	19		80	mg/l
R6BU1W		False	11/06/2002	Field Sample	8260	100-42-5	T	Styrene (Monomer)	1	U	1	ug/l
R6BU1W		False	11/06/2002	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	0.2	U	0.2	ug/l
R6BU1W		False	11/06/2002	Field Sample	8260	127-18-4	T	Tetrachloroethene	1	U	1	ug/l
R6BU1W-Filtered	R6BU1W	True	11/06/2002	Field Sample	6010	7440-28-0	D	Thallium	0.01	U	0.01	mg/l
R6BU1W		False	11/06/2002	Field Sample	6010	7440-28-0	T	Thallium	0.01	U	0.01	mg/l
R6BU1W		False	11/06/2002	Field Sample	8260	108-88-3	T	Toluene	1	U	1	ug/l
R6BU1W		False	11/06/2002	Field Sample	8081	8001-35-2	T	Toxaphene	5	U	5	ug/l
R6BU1W		False	11/06/2002	Field Sample	8260	10061-02-6	T	trans-1,3-Dichloropropene	1	U	1	ug/l
R6BU1W		False	11/06/2002	Field Sample	680	C-TRICHLOROB	T	Trichlorobiphenyl	0.1	U	0.1	ug/l
R6BU1W		False	11/06/2002	Field Sample	8260	79-01-6	T	Trichloroethylene	1	U	1	ug/l
R6BU1W-Filtered	R6BU1W	True	11/06/2002	Field Sample	6010	7440-62-2	D	Vanadium	0.01	U	0.01	mg/l
R6BU1W		False	11/06/2002	Field Sample	6010	7440-62-2	T	Vanadium	0.01	U	0.01	mg/l
R6BU1W		False	11/06/2002	Field Sample	8260	75-01-4	T	Vinyl chloride	1	U	1	ug/l
R6BU1W		False	11/06/2002	Field Sample	8260	1330-20-7	T	Xylenes, Total	2	U	2	ug/l
R6BU1W		False	11/06/2002	Field Sample	6010	7440-66-6	T	Zinc	0.0049	J	0.02	mg/l
R6BU1W-Filtered	R6BU1W	True	11/06/2002	Field Sample	6010	7440-66-6	D	Zinc	0.02	U	0.02	mg/l
R6CM1W		False	11/07/2002	Field Sample	8260	71-55-6	T	1,1,1-Trichloroethane	1	U	1	ug/l
R6CM1W		False	11/07/2002	Field Sample	8260	79-34-5	T	1,1,2,2-Tetrachloroethane	1	U	1	ug/l
R6CM1W		False	11/07/2002	Field Sample	8260	79-00-5	T	1,1,2-Trichloroethane	1	U	1	ug/l
R6CM1W		False	11/07/2002	Field Sample	8260	75-34-3	T	1,1-Dichloroethane	1	U	1	ug/l
R6CM1W		False	11/07/2002	Field Sample	8260	75-35-4	T	1,1-Dichloroethylene	1	U	1	ug/l
R6CM1W		False	11/07/2002	Field Sample	8270	120-82-1	T	1,2,4-Trichlorobenzene	10	U	10	ug/l
R6CM1W		False	11/07/2002	Field Sample	8270	95-50-1	T	1,2-Dichlorobenzene	10	U	10	ug/l
R6CM1W		False	11/07/2002	Field Sample	8260	107-06-2	T	1,2-Dichloroethane	1	U	1	ug/l
R6CM1W		False	11/07/2002	Field Sample	8260	540-59-0	T	1,2-Dichloroethene (total)	2	U	2	ug/l
R6CM1W		False	11/07/2002	Field Sample	8260	78-87-5	T	1,2-Dichloropropane	1	U	1	ug/l
R6CM1W		False	11/07/2002	Field Sample	8270	541-73-1	T	1,3-Dichlorobenzene	10	U	10	ug/l
R6CM1W		False	11/07/2002	Field Sample	8270	106-46-7	T	1,4-Dichlorobenzene	10	U	10	ug/l
R6CM1W		False	11/07/2002	Field Sample	8270	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	10	U	10	ug/l
R6CM1W		False	11/07/2002	Field Sample	8151	93-76-5	T	2,4,5-T	0.5	U	0.5	ug/l
R6CM1W		False	11/07/2002	Field Sample	8151	93-72-1	T	2,4,5-TP (Silvex)	0.5	U	0.5	ug/l
R6CM1W		False	11/07/2002	Field Sample	8270	95-95-4	T	2,4,5-Trichlorophenol	10	U	10	ug/l
R6CM1W		False	11/07/2002	Field Sample	8270	88-06-2	T	2,4,6-Trichlorophenol	10	U	10	ug/l
R6CM1W		False	11/07/2002	Field Sample	8151	94-75-7	T	2,4-D	0.5	U	0.5	ug/l
R6CM1W		False	11/07/2002	Field Sample	8151	94-82-6	T	2,4-DB	0.5	UJ	0.5	ug/l
R6CM1W		False	11/07/2002	Field Sample	8270	120-83-2	T	2,4-Dichlorophenol	10	U	10	ug/l
R6CM1W		False	11/07/2002	Field Sample	8270	105-67-9	T	2,4-Dimethylphenol	10	U	10	ug/l
R6CM1W		False	11/07/2002	Field Sample	8270	51-28-5	T	2,4-Dinitrophenol	50	U	50	ug/l
R6CM1W		False	11/07/2002	Field Sample	8270	121-14-2	T	2,4-Dinitrotoluene	10	U	10	ug/l
R6CM1W		False	11/07/2002	Field Sample	8270	606-20-2	T	2,6-Dinitrotoluene	10	U	10	ug/l
R6CM1W		False	11/07/2002	Field Sample	8260	78-93-3	T	2-Butanone (MEK)	10	U	10	ug/l
R6CM1W		False	11/07/2002	Field Sample	8270	91-58-7	T	2-Chloronaphthalene	10	U	10	ug/l
R6CM1W		False	11/07/2002	Field Sample	8270	95-57-8	T	2-Chlorophenol	10	U	10	ug/l
R6CM1W		False	11/07/2002	Field Sample	8270	91-57-6	T	2-Methylnaphthalene	10	U	10	ug/l
R6CM1W		False	11/07/2002	Field Sample	8270	95-48-7	T	2-Methylphenol (o-Cresol)	10	U	10	ug/l
R6CM1W		False	11/07/2002	Field Sample	8270	88-74-4	T	2-Nitroaniline	50	U	50	ug/l
R6CM1W		False	11/07/2002	Field Sample	8270	88-75-5	T	2-Nitrophenol	10	U	10	ug/l
R6CM1W		False	11/07/2002	Field Sample	8270	91-94-1	T	3,3'-Dichlorobenzidine	20	U	20	ug/l
R6CM1W		False	11/07/2002	Field Sample	8270	108-44-5	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	10	U	10	ug/l
R6CM1W		False	11/07/2002	Field Sample	8270	99-09-2	T	3-Nitroaniline	50	U	50	ug/l
R6CM1W		False	11/07/2002	Field Sample	8081	72-54-8	T	4,4'-DDD	0.1	U	0.1	ug/l
R6CM1W		False	11/07/2002	Field Sample	8081	72-55-9	T	4,4'-DDE	0.1	U	0.1	ug/l
R6CM1W		False	11/07/2002	Field Sample	8081	50-29-3	T	4,4'-DDT	0.1	U	0.1	ug/l
R6CM1W		False	11/07/2002	Field Sample	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	50	U	50	ug/l
R6CM1W		False	11/07/2002	Field Sample	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	10	U	10	ug/l
R6CM1W		False	11/07/2002	Field Sample	8270	59-50-7	T	4-Chloro-3-methylphenol	10	U	10	ug/l
R6CM1W		False	11/07/2002	Field Sample	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	10	U	10	ug/l
R6CM1W		False	11/07/2002	Field Sample	8260	108-10-1	T	4-Methyl-2-pentanone (MIBK)	10	U	10	ug/l
R6CM1W		False	11/07/2002	Field Sample	8270	100-02-7	T	4-Nitrophenol	50	U	50	ug/l
R6CM1W		False	11/07/2002	Field Sample	8270	83-32-9	T	Acenaphthene	10	U	10	ug/l
R6CM1W		False	11/07/2002	Field Sample	8270	208-96-8	T	Acenaphthylene	10	U	10	ug/l
R6CM1W		False	11/07/2002	Field Sample	8260	67-64-1	T	Acetone	25	U	25	ug/l
R6CM1W		False	11/07/2002	Field Sample	8081	309-00-2	T	Aldrin	0.05	U	0.05	ug/l
R6CM1W		False	11/07/2002	Field Sample	8081	319-84-6	T	alpha-BHC	0.05	U	0.05	ug/l
R6CM1W		False	11/07/2002	Field Sample	8081	5103-71-9	T	alpha-Chlordane	0.05	U	0.05	ug/l
R6CM1W-Filtered	R6CM1W	True	11/07/2002	Field Sample	6010	7429-90-5	D	Aluminum	0.2	U	0.2	mg/l
R6CM1W		False	11/07/2002	Field Sample	6010	7429-90-5	T	Aluminum	0.87		0.02	mg/l
R6CM1W		False	11/07/2002	Field Sample	8270	120-12-7	T	Anthracene	10	U	10	ug/l

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	[illegible]	[illegible]	UJ	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	J	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	[illegible]	[illegible]		[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]		[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	1	U	1	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	10	U	10	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	10	U	10	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	10	U	10	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	10	U	10	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	10	U	10	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	10	U	10	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	10	U	10	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	10	U	10	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	1.7	J	10	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	1	U	1	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Appendix II-C

Results of Chemical Analysis of Surface Water Sampled from Mississippi River near Sauget Area 2 Sites

Field Sample ID	Parent Sample	Filtered	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
RiCM1W		False	11/07/2002	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	0.5	U	0.5	ug/l
RiCM1W		False	11/07/2002	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	0.3	U	0.3	ug/l
RiCM1W		False	11/07/2002	Field Sample	8270	108-47-8	T	P,Cdicoaniline	20	U	20	ug/l
RiCM1W		False	11/07/2002	Field Sample	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	0.2	U	0.2	ug/l
RiCM1W		False	11/07/2002	Field Sample	8151	87-86-5	T	Pentachlorophenol	1	U	1	ug/l
RiCM1W		False	11/07/2002	Field Sample	8270	85-01-8	T	Phenanthrene	10	U	10	ug/l
RiCM1W		False	11/07/2002	Field Sample	8270	108-95-2	T	Phenol	10	U	10	ug/l
RiCM1W		False	11/07/2002	Field Sample	8270	100-01-6	T	P-Nitroaniline	50	U	50	ug/l
RiCM1W-Filtered	RiCM1W	True	11/07/2002	Field Sample	6010	7440-09-7	D	Potassium	3.4		0.01	mg/l
RiCM1W		False	11/07/2002	Field Sample	6010	7440-09-7	T	Potassium	3.6		0.01	mg/l
RiCM1W		False	11/07/2002	Field Sample	8270	129-00-0	T	Pyrene	10	U	10	ug/l
RiCM1W-Filtered	RiCM1W	True	11/07/2002	Field Sample	6010	7782-49-2	D	Selenium	0.01	U	0.01	mg/l
RiCM1W		False	11/07/2002	Field Sample	6010	7782-49-2	T	Selenium	0.01	U	0.01	mg/l
RiCM1W-Filtered	RiCM1W	True	11/07/2002	Field Sample	6010	7440-22-4	D	Silver	0.01	U	0.01	mg/l
RiCM1W		False	11/07/2002	Field Sample	6010	7440-22-4	T	Silver	0.01	U	0.01	mg/l
RiCM1W-Filtered	RiCM1W	True	11/07/2002	Field Sample	6010	7440-23-5	D	Sodium	19		80	mg/l
RiCM1W		False	11/07/2002	Field Sample	6010	7440-23-5	T	Sodium	19		80	mg/l
RiCM1W		False	11/07/2002	Field Sample	8260	100-42-5	T	Styrene (Monomer)	1	U	1	ug/l
RiCM1W		False	11/07/2002	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	0.2	U	0.2	ug/l
RiCM1W		False	11/07/2002	Field Sample	8260	127-18-4	T	Tetrachloroethene	1	U	1	ug/l
RiCM1W-Filtered	RiCM1W	True	11/07/2002	Field Sample	6010	7440-28-0	D	Thallium	0.01	UJ	0.01	mg/l
RiCM1W		False	11/07/2002	Field Sample	6010	7440-28-0	T	Thallium	0.01	UJ	0.01	mg/l
RiCM1W		False	11/07/2002	Field Sample	8260	108-88-3	T	Toluene	1	U	1	ug/l
RiCM1W		False	11/07/2002	Field Sample	8081	8001-35-2	T	Toxaphene	5	U	5	ug/l
RiCM1W		False	11/07/2002	Field Sample	8260	10061-02-6	T	trans-1,3-Dichloropropene	1	U	1	ug/l
RiCM1W		False	11/07/2002	Field Sample	680	C-TRICHLOROB	T	Trichlorobiphenyl	0.1	U	0.1	ug/l
RiCM1W		False	11/07/2002	Field Sample	8260	79-01-6	T	Trichloroethylene	1	U	1	ug/l
RiCM1W-Filtered	RiCM1W	True	11/07/2002	Field Sample	6010	7440-62-2	D	Vanadium	0.01	U	0.01	mg/l
RiCM1W		False	11/07/2002	Field Sample	6010	7440-62-2	T	Vanadium	0.01	U	0.01	mg/l
RiCM1W		False	11/07/2002	Field Sample	8260	75-01-4	T	Vinyl chloride	1	U	1	ug/l
RiCM1W		False	11/07/2002	Field Sample	8260	1330-20-7	T	Xylenes, Total	2	U	2	ug/l
RiCM1W		False	11/07/2002	Field Sample	6010	7440-66-6	T	Zinc	0.0053	J	0.02	mg/l
RiCM1W-Filtered	RiCM1W	True	11/07/2002	Field Sample	6010	7440-66-6	D	Zinc	0.02	U	0.02	mg/l

Appendix II-D

Experimental Methods for Bioassay and Bioaccumulation Testing

CERIODAPHNIA DUBIA 7-DAY CHRONIC SURVIVAL AND REPRODUCTION TEST EXPOSURES

METHODS AND MATERIALS

Sample Collection and Transport

AMEC personnel collected water samples between 6 and 18 November 2002. Following collection, samples were placed in 20-liter (L) plastic cubitainers and sealed to minimize headspace. Containers were then placed in ice chests with wet ice, and transported to the laboratory by overnight delivery service. These samples were received at the laboratory between 7 and 19 November 2002. Samples were identified as shown in Table 1. Appropriate chain-of-custody procedures were employed throughout collection and transport.

Organism Procurement and Handling

The freshwater cladoceran *Ceriodaphnia dubia* was used for this test. Four to five days prior to test initiation, adult female daphnids were isolated from internal batch cultures and placed in individual holding cups. The number of daphnids isolated was equal to the number of neonates required to initiate testing. Each cup contained 15 milliliters (ml) of dilution water. A diet consisting of a vitamin-enriched mixture of yeast, Cerophyll®, and trout chow (YCT) and *Selenastrum* was added to each cup daily. Cups were held in a plexiglass board and the entire board was placed in a environmentally-controlled room maintained at 25±1 degrees Celsius (°C). Isolated females were transferred to cups containing fresh lab water every 48 hours and 24 hours prior to test initiation. Gravid females producing more than 8 neonates were isolated from the brood boards. Newly hatched (<24 hours old) *C. dubia* were collected and transferred to a 500-ml glass petri bowl. Neonates were collected using a 1-ml polypropylene pipette with the end cut off in order to obtain a wide bore. A mixture of vitamin-enriched YCT and *Selenastrum* was added to the holding bowl two hours prior to neonate addition to the test chambers.

Table 1. Water Samples Received and Test Initation Dates
***Ceriodaphnia* 7-Day Chronic**
AMEC - Sauget

Sample ID	Date Collected	Test Initiation Date
R6AU1W	11/6/02	11/12/02
R6AD1W	11/6/02	11/12/02
R6BU1W	11/6/02	11/12/02
R6BM1W	11/7/02	11/12/02
R6CM1W	11/7/02	11/12/02
R5AD1W	11/7/02	11/12/02
R6AM2W	11/7/02	11/12/02
R6AM1W	11/7/02	11/12/02
R5AM1W	11/8/02	11/12/02
R5AU1W	11/8/02	11/12/02
R5BD1W	11/8/02	11/12/02
R5BU1W	11/9/02	11/12/02
R5BM1W	11/9/02	11/12/02
R5CM1W	11/9/02	11/12/02
R4CM2W	11/11/02	11/15/02
R4BD1W	11/10/02	11/15/02
R4AU1W	11/11/02	11/15/02
R4BM1W	11/11/02	11/15/02
R4AM1W	11/10/02	11/15/02
R4BU1W	11/11/02	11/15/02
R4AD1W	11/10/02	11/15/02
R4CM1W	11/11/02	11/15/02
R3AM1W	11/12/02	11/20/02
R3AD1W	11/12/02	11/20/02
R3BD1W	11/12/02	11/20/02
R3BM1W	11/12/02	11/20/02
R2BD1W	11/13/02	11/20/02
R3CM1W	11/13/02	11/20/02
R2AD1W	11/13/02	11/20/02
R3AU1W	11/13/02	11/20/02
R3BU1W	11/13/02	11/20/02
R2AM2W	11/14/02	11/20/02
R2BM1W	11/14/02	11/20/02
R2CM1W	11/14/02	11/20/02
R2AU1W	11/14/02	11/20/02
R2AM1W	11/14/02	11/20/02
R1AU1W	11/16/02	11/26/02
R1AD1W	11/15/02	11/26/02
R1BM2W	11/16/02	11/26/02
R1CM1W	11/16/02	11/26/02
R1AM1W	11/15/02	11/26/02
R2BU1W	11/15/02	11/26/02
R1BD1W	11/15/02	11/26/02
R1BM1W	11/16/02	11/26/02
R5BN1W	11/17/02	11/26/02
P11W	11/18/02	11/26/02
R1BU1W	11/17/02	11/26/02
R5AN1W	11/17/02	11/26/02
P12W	11/18/02	11/26/02

Bioassay Protocol

Bioassays were conducted in accordance with U.S. Environmental Protection Agency (EPA) protocols outlined in "Short-term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms" (1989).

Test Procedure

Ceriodaphnia dubia were exposed to samples for 7 days to determine the effects of the sample on survival and reproduction. Each sample was tested using undiluted sample along with a lab control. Laboratory water consisted of 8 parts nanopure water and 2 parts Perrier® bottled water aerated overnight. The pH, hardness, and alkalinity of the laboratory water were measured and recorded daily to ensure that they were within the range designated in the protocol. The test was conducted in an environmental chamber maintained at 25 ± 1°C under a 16-hour (light): 8-hour (dark) light cycle. The experimental design consisted of one daphnid neonate randomly distributed into one of ten replicate 30-ml polystyrene cups per sample. Fifteen ml of test solution was distributed to each exposure chamber. During the test period, each test chamber was monitored daily for mortality and reproduction. Dead animals, if any, were removed from the test chambers during daily observations. A renewal of the test solutions was performed daily by transferring the adult daphnid from each replicate into a new test chamber containing fresh test solution. Organisms were fed daily at renewal with YTC. Measurements of pH, DO, temperature, and conductivity were recorded daily in a composite of each sample.

Final survival, reproduction, and water quality data were reviewed throughout testing and following termination in accordance with our Quality Assurance/Quality Control Plan. Mean acute survival (48 hours), chronic survival (7 days), and reproduction data were calculated and reported under separate cover.

References

U.S. Environmental Protection Agency (EPA). 1989. "Short-term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms". EPA/600/4-89/001.

PIMEPHALES PROMELAS 7-DAY CHRONIC SURVIVAL AND GROWTH TEST EXPOSURES

METHODS AND MATERIALS

Sample Collection and Transport

AMEC personnel collected water samples between 6 and 18 November 2002. Following collection, samples were placed in 20-liter (L) plastic cubitainers and sealed to minimize headspace. Containers were then placed in ice chests with wet ice, and transported to AMEC's San Diego Bioassay Laboratory by overnight delivery service. These samples were received at the laboratory between 7 and 19 November 2002. Samples were identified as shown in Table 1. Appropriate chain-of-custody procedures were employed throughout collection and transport.

Organism Procurement and Handling

Test specimens (*Pimephales promelas*) were obtained on multiple dates to meet the age requirements of the assay. For all testing, animals were obtained from Aquatic BioSystems in Fort Collins, Colorado. Upon receipt the fish were less than 24 hours old. An insulated ice chest containing the organisms was shipped by overnight delivery service. Upon arrival at the laboratory, organism receipt information was recorded, animal condition specified, and physical parameters including pH, DO, conductivity, and temperature were measured. The organisms were acclimated to test conditions in order to promote and confirm animal health prior to test initiation. During these acclimation periods, the animals were observed for any indications of stress or significant mortality. Observed mortality is monitored and recorded in animal holding logbooks. Mortality is considered significant if it is greater than 10 percent during the holding and acclimation period. Obvious indications of stress include abnormal swimming behavior, discoloration, and mortality.

Bioassay Protocol

Bioassays were conducted in accordance with U.S. Environmental Protection Agency (EPA) protocols outlined in "Short-term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms" (1989).

Table 1. Water Samples Received and Test Initation Dates
***Pimephales* 7-Day Chronic**
AMEC - Sauget

Sample ID	Date Collected	Test Initiation Date
R6AU1W	11/6/02	11/22/02
R6AD1W	11/6/02	11/22/02
R6BU1W	11/6/02	11/22/02
R6BM1W	11/7/02	11/22/02
R6CM1W	11/7/02	11/22/02
R5AD1W	11/7/02	11/22/02
R6AM2W	11/7/02	11/22/02
R6AM1W	11/7/02	11/22/02
R5AM1W	11/8/02	11/22/02
R5AU1W	11/8/02	11/22/02
R5BD1W	11/8/02	11/22/02
R5BU1W	11/9/02	11/22/02
R5BM1W	11/9/02	11/22/02
R5CM1W	11/9/02	11/22/02
R4CM2W	11/11/02	11/20/02
R4BD1W	11/10/02	11/20/02
R4AU1W	11/11/02	11/20/02
R4BM1W	11/11/02	11/20/02
R4AM1W	11/10/02	11/20/02
R4BU1W	11/11/02	11/20/02
R4AD1W	11/10/02	11/20/02
R4CM1W	11/11/02	11/20/02
R3AM1W	11/12/02	11/26/02
R3AD1W	11/12/02	11/26/02
R3BD1W	11/12/02	11/26/02
R3BM1W	11/12/02	11/26/02
R2BD1W	11/13/02	11/20/02
R3CM1W	11/13/02	11/26/02
R2AD1W	11/13/02	11/20/02
R3AU1W	11/13/02	11/26/02
R3BU1W	11/13/02	11/26/02
R2AM2W	11/14/02	11/20/02
R2BM1W	11/14/02	11/20/02
R2CM1W	11/14/02	11/20/02
R2AU1W	11/14/02	11/20/02
R2AM1W	11/14/02	11/20/02
R1AU1W	11/16/02	11/26/02
R1AD1W	11/15/02	11/26/02
R1BM2W	11/16/02	11/26/02
R1CM1W	11/16/02	11/26/02
R1AM1W	11/15/02	11/26/02
R2BU1W	11/15/02	11/26/02
R1BD1W	11/15/02	11/26/02
R1BM1W	11/16/02	11/26/02
R5BN1W	11/17/02	11/26/02
P11W	11/18/02	11/26/02
R1BU1W	11/17/02	11/26/02
R5AN1W	11/17/02	11/26/02
P12W	11/18/02	11/26/02

Test Procedure

The fathead minnow *Pimephales promelas* was used as the test organism. Organisms were exposed to samples for 7 days to determine the effects of the sample on survival and growth. Each sample was tested using undiluted sample along with a laboratory control. Laboratory dilution water consisted of 8 parts nanopure water and 2 parts Perrier® bottled water aerated overnight. The pH, hardness, and alkalinity of the laboratory water were measured and recorded daily to ensure that they were within the ranges designated in the protocol. The test was conducted in an environmental chamber maintained at 25 ± 1°C under a 16-hour (light): 8-hour (dark) light cycle.

The experimental design consisted of 10 fathead minnows randomly placed into four replicate 250-ml plastic cups per sample. During the test period, each test chamber was monitored daily for mortality. Dead animals, if any, were removed from the test chambers during daily observations. A partial renewal of the test solutions was performed daily by siphoning 80 percent of the test material from each test vessel and immediately replacing it with fresh test solution. Larvae were fed Artemia nauplii (approximately 100 per fish) daily two hours prior to test solution renewal. Measurements of pH, DO, temperature, and conductivity were recorded daily in a composite of each sample. At test termination, organisms were counted, transferred with tweezers to tared weighing pans, and placed in a 60°C drying oven for 24 hours. Following the drying period, the pans were cooled and weighed. Measurements were recorded on the associated bench sheets and an average final weight per organism was calculated.

Final survival, weight, and water quality data were reviewed throughout testing and following termination in accordance with our Quality Assurance/Quality Control Plan. Mean acute survival (96 hours), chronic survival (7 days), and weight data were calculated and reported under separate cover.

References

U.S. Environmental Protection Agency (EPA). 1989. "Short-term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms". EPA/600/4-89/001.

CHIRONOMUS & *HYALELLA* 10-DAY SURVIVAL AND GROWTH TEST EXPOSURES

METHODS AND MATERIALS

Sample Collection and Transport

AMEC personnel collected sediment samples between 6 and 18 November 2002. Following collection, sediments were placed in polyethylene bags and sealed to minimize headspace. Bags were placed in ice chests with wet ice, and transported to AMEC's San Diego Bioassay Laboratory by overnight delivery service. Sample materials were received at the laboratory between 7 and 19 November 2002. Sediment samples were identified as listed in Table 1. Appropriate chain-of-custody procedures were employed throughout collection and transport.

Sample Receipt

Upon arrival at the laboratory, coolers were opened and their contents verified. Temperature was measured in one sample from each cooler received and recorded in a bound sample receipt logbook. Interstitial porewater was collected for measurements of ammonia, pH, and conductivity. Interstitial water consisted of a subsample of surface water from each site. During shipment, sediments quickly settle, often leaving a layer of interstitial water on the sediment surface. When surface water was not available, sediments were centrifuged to provide sufficient interstitial water for the measurements specified. Samples were then placed in a cold room maintained at 4 degrees Celsius (°C) cold room until test initiation.

Sediment Preparation and Handling

The entire volume of each sediment sample received was sieved through a 500-micron (μm) Nitex screen to remove resident organisms and debris that may interfere with the survival or recovery of test organisms. The samples were thoroughly homogenized prior to distribution to each replicate chamber for testing. Tests were initiated in four separate dates, as shown in Table 1, grouped according to site name.

Table 1. Sediment Samples Received and Test Initation Dates
***Chironomus* & *Hyalella* 10-Day Solid Phase**
AMEC - Sauget

Sample ID	Date Collected	Test Initiation Dates *Chironomus*	*Hyalella*
R6AU1S	11/6/02	11/13/02	11/13/02
R6AD1S	11/6/02	11/13/02	11/13/02
R6BU1S	11/6/02	11/13/02	11/13/02
R6BM1S	11/7/02	11/13/02	11/13/02
R6CM1S	11/7/02	11/13/02	11/13/02
R6AM1S	11/7/02	11/13/02	11/13/02
R6AM2S	11/7/02	11/13/02	11/13/02
R5AU1S	11/8/02	11/13/02	11/13/02
R5AM1S	11/8/02	11/13/02	11/13/02
R5BM1S	11/9/02	11/26/02	11/26/02
R5CM1S	11/9/02	11/26/02	11/26/02
R5BU1S	11/9/02	11/26/02	11/26/02
R4BD1S	11/10/02	11/26/02	11/26/02
R4AM1S	11/11/02	11/26/02	11/26/02
R4AD1S	11/10/02	11/26/02	11/26/02
R4CM2S	11/11/02	11/26/02	11/26/02
R4BM1S	11/11/02	11/26/02	11/26/02
R4AU1S	11/11/02	11/26/02	11/26/02
R4CM1S	11/11/02	11/26/02	11/26/02
R4BU1S	11/11/02	11/26/02	11/26/02
R3AM1S	11/12/02	12/6/02	12/6/02
R3AD1S	11/12/02	12/6/02	12/6/02
R3BD1S	11/12/02	12/6/02	12/6/02
R3BM1S	11/12/02	12/6/02	12/6/02
R3CM1S	11/13/02	12/6/02	12/6/02
R3AU1S	11/13/02	12/6/02	12/6/02
R3BU1S	11/13/02	12/6/02	12/6/02
R2BD1S	11/13/02	12/6/02	12/6/02
R2AD1S	11/13/02	12/6/02	12/6/02
R2AM2S	11/14/02	12/6/02	12/6/02
R2BM1S	11/14/02	12/6/02	12/6/02
R2CM1S	11/14/02	12/6/02	12/6/02
R2AU1S	11/14/02	12/6/02	12/6/02
R2BU1S	11/15/02	12/6/02	12/6/02
R2AM1S	11/14/02	12/6/02	12/6/02
R1AU1S	11/16/02	12/13/02	12/17/02
R1AD1S	11/15/02	12/13/02	12/17/02
R1BM2S	11/16/02	12/13/02	12/17/02
R1CM1S	11/16/02	12/13/02	12/17/02
R1AM1S	11/15/02	12/13/02	12/17/02
R1BD1S	11/15/02	12/13/02	12/17/02
R1BM1S	11/16/02	12/13/02	12/17/02
R5BN1S	11/17/02	11/26/02	11/26/02
R5AN1S	11/17/02	11/26/02	11/26/02
R1BU1S	11/17/02	12/13/02	12/17/02
P11S	11/18/02	12/13/02	12/17/02
P12S	11/18/02	12/13/02	12/17/02

Organism Procurement and Handling

Amphipod

Test specimens (*Hyalella azteca*) were obtained on 12 and 23 November and 5 and 12 December 2002 from Aquatic BioSystems in Fort Collins, Colorado. The organisms were sorted by size class, then transported to AMEC in oxygen-saturated water contained in plastic bags. Fine screens were included as a substrate source. An insulated ice chest containing the bags was shipped by overnight delivery service. Upon arrival at the laboratory, organism receipt information was recorded, animal condition specified, and physical parameters including pH, dissolved oxygen (DO), conductivity, and temperature were measured. The amphipods were acclimated to test conditions in order to promote and confirm animal health prior to test initiation. During these acclimation periods, the animals were observed for any indications of stress or significant mortality. Observed mortality is monitored and recorded in animal holding logbooks. Mortality is considered significant if it is greater than 10 percent during the holding and acclimation period. Obvious indications of stress include abnormal swimming behavior, discoloration, and mortality.

Midge Larvae

Test specimens (*Chironomus tentans*) were obtained on 12 and 23 November and 5 and 17 December 2002 from Aquatic BioSystems in Fort Collins, Colorado. The midge larvae were transported to the laboratory in oxygen-saturated water contained in 500-milliliter (ml) plastic containers. Paper towels were included as a substrate source. An insulated ice chest containing the organisms was shipped by overnight delivery service. Upon arrival at AMEC, organism receipt information was recorded and physical parameters and animal condition were specified. The midge larvae were acclimated to test conditions in order to promote and confirm animal health prior to test initiation. During the acclimation period, the animals were observed for any indications of stress or significant mortality. Observed mortality is monitored and recorded in animal holding logbooks. Mortality is considered significant if it is greater than 10 percent during the holding and acclimation period. Obvious indications of stress include abnormal swimming behavior, discoloration, and mortality.

Bioassay Protocol

Bioassays were conducted in accordance with U.S. Environmental Protection Agency (EPA) protocols outlined in "Methods for Measuring the Toxicity and Bioaccumulation of Sediment-associated Contaminants with Freshwater Invertebrates, Second Edition" (2000) and with American Society for Testing and Materials (ASTM) protocols outlined in "Standard Guide for Conducting Sediment Toxicity Tests with Freshwater Invertebrates," E 1383-94 (1994).

Test Procedures

The amphipod *Hyalella azteca* and the midge larvae *Chironomus tentans* were used as the test organisms. Organisms were exposed to test sediments for 10 days to determine the effects of site sediment on survival and growth. Test chambers for both species consisted of 1-liter (L) glass jars supplied with continuous aeration at a rate of one bubble per second. The test was conducted in an environmental chamber maintained at 20 ± 1°C under a 16-hour (light): 8-hour (dark) light cycle. The experimental design consisted of five replicate jars per site arranged in a predetermined random order on a single shelf in the environmental chamber. An additional replicate was included for each site as a surrogate test chamber for routine water quality measurements to prevent disturbance of the test organisms. The surrogate chamber was treated and handled identically to chambers included in the randomized test exposure.

Two centimeters (cm) of sediment were placed in each chamber. Approximately 800 mls of Culligan-filtered water (Culligan) were then added to each chamber. Culligan is obtained from a city water line connected to a permanent series of filters. Sediments were allowed to settle and the system was allowed to equilibrate for 24 hours prior to the addition of test organisms. Twenty amphipods and 10 midge larvae were randomly selected for addition to each test chamber of their respective tests after confirmation by two technicians that the correct number of test organisms was segregated and in healthy condition. A source of food was provided during the test by adding a 1-ml mixture of ground Tetramin® flakes (0.02 grams (g)) and Culligan per chamber every 2 to 3 days during the testing period. The feeding regime was suspended if the presence of excess food was observed on the sediment surface in several test chambers.

Temperature, DO, pH, and conductivity were monitored daily in the surrogate replicate test chamber for each site. Subsamples of interstitial porewater were collected prior to homogenization and overlying water was collected from each surrogate at the beginning and end of the test for ammonia analysis.

Each test chamber was examined daily to ensure proper airflow. Abnormal conditions or unusual animal behavior, if observed, were also noted at this time. Examples of unusual behavior include failure to bury, erratic or slow movements, and slow response to stimulation.

A sediment control (negative control) and a copper chloride reference toxicant test (positive control) were conducted in conjunction with the test sediments to ensure that organisms were not impacted by stresses other than contamination in the test material. The control sediment consisted of clean washed beach sand obtained from La Jolla Shores beach in La Jolla, California. This site has been reliably used as a clean control site for testing in our laboratory.

At test termination, the contents of each replicate were poured onto a 500µm screen and rinsed with Culligan water. Surviving animals were counted, recorded, and transferred to tared weighing pans. The weighing pans were then placed in a 60°C drying oven. After 24 hours, the pans were weighed to determine the final dry weight of the organisms.

Final survival, weight, and water quality data were reviewed throughout testing and following termination in accordance with our Quality Assurance/Quality Control Plan. Mean survival and weight data were calculated and reported under separate cover.

References

American Society of Testing and Materials (ASTM). 1994. Standard Guide for Conducting Sediment Toxicity Tests with Freshwater Invertebrates. ASTM Designation E 1383-94.

U.S. Environmental Protection Agency (EPA). 2000. Methods for Measuring the Toxicity and Bioaccumulation of Sediment-associated Contaminants with Freshwater Invertebrates. EPA/600/R-99/064.

CORBICULA 28-DAY BIOACCUMULATION TEST EXPOSURES

METHODS AND MATERIALS

Sample Collection and Transport

AMEC personnel collected sediment samples between 6 and 18 November 2002. Following collection, sediments were placed in polyethylene bags and sealed to minimize headspace. Bags were placed in ice chests with wet ice, and transported to the laboratory by overnight delivery service. These samples were received at the laboratory between 7 and 19 November 2002. Sediment samples were identified as listed in Table 1. Appropriate chain-of-custody procedures were employed throughout collection and transport.

Sample Receipt

Upon arrival at AMEC, coolers were opened and their contents verified. Temperature was measured in one sample from each cooler received and recorded in a bound sample receipt logbook. Interstitial porewater was collected for measurements of ammonia, pH, and conductivity. Interstitial water consisted of a subsample of surface water from each site. During shipment, sediments quickly settle, often leaving a layer of interstitial water on the sediment surface. When surface water was not available, sediments were centrifuged to provide sufficient interstitial water for the measurements specified. Samples were then placed in a cold room maintained at 4 degrees Celsius (°C) cold room until test initiation.

Sediment Preparation and Handling

The samples were thoroughly homogenized prior to distribution to each replicate chamber for testing. Tests were initiated on four separate dates, as shown in Table 1, grouped according to site.

Organism Procurement and Handling

The test organism used in this study was the Asian clam, *Corbicula fluminea*. The clams were collected by Brezina and Associates of Dillon Beach, California. An insulated ice chest containing the organisms was shipped by overnight delivery service. Upon arrival at the laboratory, organism receipt information was recorded, animal condition specified, and physical

Table 1. Sediment Samples Received and Test Initation Dates
***Corbicula* 28-Day Bioaccumulation**
AMEC - Sauget

Sample ID	Date Collected	Test Initiation Date	# of Organisms at Initation
R6AU1S	11/6/02	11/20/02	45
R6AD1S	11/6/02	11/20/02	45
R6BU1S	11/6/02	11/20/02	45
R6BM1S	11/7/02	11/20/02	45
R6CM1S	11/7/02	11/20/02	45
R6AM1S	11/7/02	11/20/02	45
R6AM2S	11/7/02	11/20/02	45
R5AU1S	11/8/02	11/20/02	45
R5AM1S	11/8/02	11/20/02	45
R5BM1S	11/9/02	11/20/02	45
R5CM1S	11/9/02	11/20/02	45
R5BU1S	11/9/02	11/20/02	45
R4BD1S	11/10/02	11/20/02	45
R4AM1S	11/11/02	11/20/02	45
R4AD1S	11/10/02	11/20/02	45
R4CM2S	11/11/02	11/20/02	45
R4BM1S	11/11/02	11/20/02	45
R4AU1S	11/11/02	11/21/02	45
R4CM1S	11/11/02	11/21/02	45
R4BU1S	11/11/02	11/21/02	45
R3AM1S	11/12/02	11/21/02	45
R3AD1S	11/12/02	11/21/02	45
R3BD1S	11/12/02	11/21/02	45
R3BM1S	11/12/02	11/21/02	45
R3CM1S	11/13/02	12/3/02	75
R3AU1S	11/13/02	12/3/02	75
R3BU1S	11/13/02	12/3/02	75
R2BD1S	11/13/02	12/3/02	75
R2AD1S	11/13/02	11/21/02	45
R2AM2S	11/14/02	12/3/02	75
R2BM1S	11/14/02	12/3/02	75
R2CM1S	11/14/02	12/3/02	75
R2AU1S	11/14/02	12/3/02	75
R2BU1S	11/15/02	12/3/02	75
R2AM1S	11/14/02	12/3/02	75
R1AU1S	11/16/02	12/5/02	75
R1AD1S	11/15/02	12/5/02	75
R1BM2S	11/16/02	12/5/02	75
R1CM1S	11/16/02	12/5/02	75
R1AM1S	11/15/02	12/5/02	75
R1BD1S	11/15/02	12/5/02	75
R1BM1S	11/16/02	12/5/02	75
R5BN1S	11/17/02	12/5/02	75
R5AN1S	11/17/02	12/5/02	75
R1BU1S	11/17/02	12/5/02	75
P11S	11/18/02	12/5/02	75
P12S	11/18/02	12/5/02	75

measured. A subset of clams were frozen to preserve a pre-test tissue sample should there be any post-exposure concern about the laboratory conditions or potential exposures of control organisms during the assays that might compromise interpretation of bioaccumulation data. The clams were acclimated to test conditions in order to promote and confirm animal health prior to test initiation. During these acclimation periods, the animals were observed for any indications of stress or significant mortality. Observed mortality is monitored and recorded in animal holding logbooks. Mortality is considered significant if greater than 10 percent during the holding and acclimation period.

Bioassay Protocol

Bioassays were conducted in accordance with U.S. Environmental Protection Agency (EPA) protocols outlined in "Methods for Measuring the Toxicity and Bioaccumulation of Sediment-associated Contaminants with Freshwater Invertebrates, Second Edition" (2000) and with American Society for Testing and Materials (ASTM) protocols outlined in "Standard Guide for Conducting Sediment Toxicity Tests with Freshwater Invertebrates," E 1383-94 (1994).

Bioaccumulation Phase Bioassays

Organisms were exposed to test sediments for 28 days to determine the effects of site sediment on survival and bioaccumulation potential of constituents of concern. Test chambers consisted of 19-liter (L) glass aquaria supplied with continuous aeration at a rate of two bubbles per second. The test was conducted in an environmental chamber maintained at 20 ± 1°C under a 12-hour (light): 12-hour (dark) light cycle. The experimental design consisted of three replicate aquaria per site arranged in order within the environmental chamber. Sediment to a depth of four centimeters (cm) was placed in each test chamber. The aquaria were then filled with Culligan-filtered water (Culligan). Culligan is obtained from a city water line connected to a regularly exchanged series of filters maintained by U.S. Filter.

Sediments were allowed to settle and the system was allowed to equilibrate for 24 hours prior to the addition of test organisms. At initiation, a sufficient number of clams were distributed to the test chambers to provide adequate biomass for chemical analysis (see Table 1). The initial number of clams chosen was based on wet weight of the organisms and was later increased due to concerns about water weight loss resulting from freezing the tissues. All water lost by organisms in the freezing and thawing process should be reincorporated and represented in the

final chemical analyses. Subsamples of interstitial porewater were collected prior to initiation and overlying water was collected from each site every seventh day during the test period. Temperature, DO, pH, and conductivity were monitored daily in every test chamber. Each test chamber was examined daily to ensure proper airflow. To ensure adequate water quality, water renewals were performed every fourth day during the test period by siphoning 80 percent of the overlying water from each test chamber and immediately adding fresh Culligan water.

At the end of 28 days, sediment in the test chambers was sieved to recover the surviving clams. The surviving clams of all replicates from each site were combined into a plastic bag and frozen. Each bag was assigned a random number for identification purposes by the analytical laboratory. The randomization table associated with these data was provided to the program manager and maintained in both the hardcopy and electronic test files and did not accompany the tissues to the analytical laboratory. The clams were frozen and held until shipped to the analytical laboratory on 6 February 2003.

Final survival and water quality data were reviewed throughout testing and following termination in accordance with our Quality Assurance/Quality Control Plan. Mean survival data were calculated and reported under separate cover. Bioaccumulation analyses, the primary endpoint of this assay, were provided directly by the analytical laboratory.

References

American Society of Testing and Materials (ASTM). 1994. Standard Guide for Conducting Sediment Toxicity Tests with Freshwater Invertebrates. ASTM Designation E 1383-94.

U.S. Environmental Protection Agency (EPA). 2000. Methods for Measuring the Toxicity and Bioaccumulation of Sediment-associated Contaminants with Freshwater Invertebrates. EPA/600/R-99/064.

Appendix II-E

Sediment Toxicity Testing Results and Statistical Analysis

AMEC - Sauget
Site R1
Chironomus Summary Results

Site	Rep	Rand #	# Alive	% Survival	Mean % Survival	Total Weight (mg)	Weight per Org (mg)	Mean Wt. per Org (mg)
CONTROL	A	21	9	90		13.10	1.46	
Beach Sand	B	45	10	100		15.80	1.58	
	C	49	10	100		10.30	1.03	
	D	55	9	90		12.50	1.39	
	E	23	6	60		10.10	1.68	
	Surr		5	50	82	9.80	1.96	1.52
R1AU1S	A	28	9	90		20.30	2.26	
	B	44	9	90		23.20	2.58	
	C	53	9	90		17.30	1.92	
	D	17	9	90		22.30	2.48	
	E	2	5	50		12.70	2.54	
	Surr		9	90	83	29.70	3.30	2.51
R1AD1S	A	19	9	90		10.30	1.14	
	B	16	6	60		11.30	1.88	
	C	29	6	60		6.10	1.02	
	D	46	9	90		13.20	1.47	
	E	13	9	90		14.90	1.66	
	Surr		3	30	70	6.30	2.10	1.54
R1BM2S	A	10	4	40		8.80	2.20	
	B	51	6	60		10.10	1.68	
	C	3	9	90		17.00	1.89	
	D	43	9	90		12.80	1.42	
	E	54	5	50		11.90	2.38	
	Surr		5	50	63	10.50	2.10	1.95
R1CM1S	A	6	7	70		16.40	2.34	
	B	41	9	90		12.30	1.37	
	C	1	9	90		16.30	1.81	
	D	34	10	100		17.90	1.79	
	E	42	5	50		11.00	2.20	
	Surr		5	50	75	9.40	1.88	1.90
R1AM1S[a]	A	5	10	100		23.60	2.36	
	B	35	9	90		19.80	2.20	
	C	25	10	100		19.80	1.98	
	D	15	7	70		19.50	2.79	
	E	37	7	70		15.30	2.19	2.30

Site	Rep	Rand #	# Alive	% Survival	Mean % Survival	Total Weight (mg)	Weight per Org (mg)	Mean Wt. per Org (mg)
R1BD1S	A	14	7	70		14.90	2.13	
	B	26	10	100		20.20	2.02	
	C	50	10	100		20.70	2.07	
	D	4	6	60		15.30	2.55	
	E	20	10	100		17.40	1.74	
	Surr		5	50	80	14.20	2.84	2.22
R1BM1S	A	24	10	100		14.50	1.45	
	B	11	8	80		15.40	1.93	
	C	36	7	70		16.80	2.40	
	D	40	8	80		12.20	1.53	
	E	52	10	100		14.70	1.47	
	Surr		6	60	82	12.80	2.13	1.82
R1BU1S	A	22	10	100		17.30	1.73	
	B	8	3	30		7.00	2.33	
	C	18	8	80		15.50	1.94	
	D	32	6	60		13.40	2.23	
	E	7	10	100		17.70	1.77	
	Surr		9	90	77	16.80	1.87	1.98

[a] - no surrogate data due to 100% mortality in the surrogate

AMEC - Sauget
Site R2
Chironomus Summary Results

Site	Rep	Rand #	# Alive	% Survival	Mean % Survival	Total Weight (mg)	Weight per Org (mg)	Mean Wt. per Org (mg)
CONTROL	A	40	6	60		5.05	0.84	
Beach Sand	B	38	6	60		9.66	1.61	
	C	22	6	60		6.51	1.09	
	D	66	6	60		8.10	1.35	
	E	19	8	80		6.31	0.79	
	Surr		10	100	70	20.31	2.03	1.28
R2BD1S	A	69	8	80		16.76	2.10	
	B	41	8	80		10.79	1.35	
	C	4	10	100		12.63	1.26	
	D	2	10	100		16.27	1.63	
	E	30	9	90		18.00	2.00	
	Surr		9	90	90	19.32	2.15	1.75
R2AD1S	A	26	4	40		6.93	1.73	
	B	62	9	90		10.93	1.21	
	C	64	7	70		12.34	1.76	
	D	55	9	90		9.67	1.07	
	E	1	9	90		14.48	1.61	
	Surr		10	100	80	11.81	1.18	1.43
R2AM2S	A	46	10	100		14.49	1.45	
	B	25	7	70		13.55	1.94	
	C	77	10	100		23.30	2.33	
	D	27	8	80		9.29	1.16	
	E	29	10	100		10.91	1.09	
	Surr		9	90	90	23.02	2.56	1.75
R2BM1S	A	70	10	100		17.08	1.71	
	B	6	9	90		16.54	1.84	
	C	31	6	60		12.19	2.03	
	D	59	9	90		17.00	1.89	
	E	65	8	80		17.33	2.17	
	Surr		6	60	80	16.85	2.81	2.07
R2CM1S	A	74	8	80		17.35	2.17	
	B	43	9	90		12.99	1.44	
	C	36	10	100		15.71	1.57	
	D	24	9	90		13.28	1.48	
	E	12	10	100		18.17	1.82	
	Surr		10	100	93	28.80	2.88	1.89

Site	Rep	Rand #	# Alive	% Survival	Mean % Survival	Total Weight (mg)	Weight per Org (mg)	Mean Wt. per Org (mg)
R2AU1S	A	56	8	80		9.66	1.21	
	B	67	7	70		19.26	2.75	
	C	61	7	70		15.85	2.26	
	D	3	7	70		16.29	2.33	
	E	14	9	90		17.58	1.95	
	Surr		9	90	78	28.97	3.22	2.29
R2BU1S	A	16	9	90		10.86	1.21	
	B	23	7	70		15.02	2.15	
	C	11	8	80		10.99	1.37	
	D	10	8	80		14.79	1.85	
	E	28	8	80		13.11	1.64	
	Surr		10	100	83	31.98	3.20	1.90
R2AM1S	A	42	8	80		9.49	1.19	
	B	75	9	90		29.77	3.31	
	C	13	9	90		19.30	2.14	
	D	20	9	90		9.76	1.08	
	E	48	4	40		7.54	1.89	
	Surr		9	90	80	21.07	2.34	1.99

AMEC - Sauget
Site R3
Chironomus Summary Results

Site	Rep	Rand #	# Alive	% Survival	Mean % Survival	Total Weight (mg)	Weight per Org (mg)	Mean Wt. per Org (mg)
CONTROL	A	40	6	60		5.05	0.84	
Beach Sand	B	38	6	60		9.66	1.61	
	C	22	6	60		6.51	1.09	
	D	66	6	60		8.10	1.35	
	E	19	8	80		6.31	0.79	
	Surr		10	100	70	20.31	2.03	1.28
R3AM1S	A	57	8	80		17.36	2.17	
	B	7	7	70		14.53	2.08	
	C	15	10	100		20.34	2.03	
	D	34	8	80		14.07	1.76	
	E	60	8	80		14.25	1.78	
	Surr		10	100	85	20.84	2.08	1.98
R3AD1S	A	54	9	90		17.74	1.97	
	B	53	8	80		16.80	2.10	
	C	37	6	60		10.25	1.71	
	D	72	5	50		14.08	2.82	
	E	33	10	100		17.38	1.74	
	Surr		6	60	73	15.42	2.57	2.15
R3BD1S	A	21	9	90		17.55	1.95	
	B	45	10	100		11.27	1.13	
	C	71	7	70		20.62	2.95	
	D	39	7	70		9.44	1.35	
	E	50	7	70		10.10	1.44	
	Surr		7	70	78	17.25	2.46	1.88
R3BM1S	A	17	7	70		14.16	2.02	
	B	18	10	100		17.00	1.70	
	C	63	9	90		14.12	1.57	
	D	68	9	90		31.29	3.48	
	E	32	9	90		17.84	1.98	
	Surr		7	70	85	17.95	2.56	2.22
R3CM1S	A	49	8	80		11.74	1.47	
	B	5	8	80		13.33	1.67	
	C	51	7	70		8.57	1.22	
	D	58	6	60		10.54	1.76	
	E	35	7	70		10.75	1.54	
	Surr		7	70	72	12.32	1.76	1.57

Site	Rep	Rand #	# Alive	% Survival	Mean % Survival	Total Weight (mg)	Weight per Org (mg)	Mean Wt. per Org (mg)
R3AU1S	A	78	6	60		11.96	1.99	
	B	9	10	100		21.46	2.15	
	C	76	10	100		26.25	2.63	
	D	80	9	90		18.90	2.10	
	E	8	9	90		17.14	1.90	
	Surr		7	70	85	14.57	2.08	2.14
R3BU1S	A	73	8	80		15.41	1.93	
	B	47	10	100		11.62	1.16	
	C	44	7	70		2.04	0.29	
	D	79	6	60		16.42	2.74	
	E	52	10	100		13.33	1.33	
	Surr		9	90	83	20.91	2.32	1.63

AMEC - Sauget
Site R4
Chironomus Summary Results

Site	Rep	Rand #	# Alive	% Survival	Mean % Survival	Total Weight (mg)	Weight per Org (mg)	Mean Wt. per Org (mg)
CONTROL	A	51	5	50		4.05	0.81	
Beach Sand	B	49	4	40		4.92	1.23	
	C	25	7	70		5.09	0.73	
	D	36	7	70		6.05	0.86	
	E	53	5	50		3.15	0.63	
	Surr		9	90	62	8.29	0.92	0.86
R4BD1S	A	39	10	100		10.01	1.00	
	B	65	9	90		9.77	1.09	
	C	9	7	70		7.30	1.04	
	D	42	7	70		6.91	0.99	
	E	66	5	50		7.04	1.41	
	Surr		9	90	78	14.62	1.62	1.19
R4AM1S	A	45	8	80		9.47	1.18	
	B	40	8	80		10.55	1.32	
	C	28	10	100		9.84	0.98	
	D	64	10	100		12.46	1.25	
	E	52	6	60		9.95	1.66	
	Surr		6	60	80	14.95	2.49	1.48
R4AD1S	A	3	6	60		8.31	1.38	
	B	61	5	50		8.80	1.76	
	C	54	8	80		11.74	1.47	
	D	70	8	80		9.02	1.13	
	E	27	7	70		6.36	0.91	
	Surr		9	90	72	13.82	1.54	1.36
R4CM2S	A	60	7	70		12.18	1.74	
	B	38	9	90		10.02	1.11	
	C	8	6	60		7.41	1.24	
	D	50	6	60		6.36	1.06	
	E	24	9	90		9.19	1.02	
	Surr		8	80	75	10.57	1.32	1.25
R4BM1S	A	2	10	100		7.49	0.75	
	B	68	6	60		7.38	1.23	
	C	13	10	100		9.06	0.91	
	D	48	10	100		11.45	1.15	
	E	32	10	100		18.55	1.86	
	Surr		9	90	92	13.17	1.46	1.22

Site	Rep	Rand #	# Alive	% Survival	Mean % Survival	Total Weight (mg)	Weight per Org (mg)	Mean Wt. per Org (mg)
R4AU1S	A	33	8	80		9.61	1.20	
	B	67	10	100		15.96	1.60	
	C	11	7	70		7.90	1.13	
	D	14	7	70		5.94	0.85	
	E	30	7	70		8.77	1.25	
	Surr		10	100	82	17.13	1.71	1.29
R4CM1S	A	62	4	40		10.28	2.57	
	B	21	6	60		6.74	1.12	
	C	31	6	60		7.54	1.26	
	D	29	7	70		6.27	0.90	
	E	47	10	100		12.29	1.23	
	Surr		9	90	70	11.20	1.24	1.39
R4BU1S	A	10	8	80		10.02	1.25	
	B	63	9	90		13.74	1.53	
	C	41	6	60		8.94	1.49	
	D	69	8	80		11.37	1.42	
	E	5	10	100		10.39	1.04	
	Surr		8	80	82	7.90	0.99	1.29

AMEC -Sauget
Site R5
Chironomus Summary Results

Site	Rep	Rand #	# Alive	% Survival	Mean % Survival	Total Weight (mg)	Weight per Org (mg)	Mean Wt. per Org (mg)
CONTROL	A	51	5	50		4.05	0.81	
Beach Sand	B	49	4	40		4.92	1.23	
	C	25	7	70		5.09	0.73	
	D	36	7	70		6.05	0.86	
	E	53	5	50		3.15	0.63	
	Surr		9	90	62	8.29	0.92	0.86
R5BM1S	A	55	6	60		9.94	1.66	
	B	34	10	100		11.17	1.12	
	C	56	7	70		8.40	1.20	
	D	22	8	80		9.14	1.14	
	E	26	8	80		8.60	1.07	
	Surr		8	80	78	15.21	1.90	1.35
R5CM1S	A	4	5	50		5.60	1.12	
	B	15	7	70		11.26	1.61	
	C	35	9	90		9.27	1.03	
	D	6	9	90		9.41	1.05	
	E	16	8	80		10.78	1.35	
	Surr		6	60	73	5.69	0.95	1.18
R5BU1S	A	7	8	80		7.92	0.99	
	B	23	9	90		15.23	1.69	
	C	43	9	90		9.13	1.01	
	D	44	8	80		11.60	1.45	
	E	58	7	70		13.51	1.93	
	Surr		7	70	80	14.67	2.10	1.53
R5BN1S	A	37	8	80		10.89	1.36	
	B	18	7	70		9.90	1.41	
	C	57	10	100		14.39	1.44	
	D	12	9	90		10.38	1.15	
	E	19	8	80		9.04	1.13	
	Surr		8	80	83	14.42	1.80	1.38
R5AN1S	A	46	9	90		9.90	1.10	
	B	17	4	40		5.82	1.46	
	C	1	8	80		10.83	1.35	
	D	20	8	80		9.10	1.14	
	E	59	8	80		10.69	1.34	
	Surr		7	70	73	9.78	1.40	1.30

Site	Rep	Rand #	# Alive	% Survival	Mean % Survival	Total Weight (mg)	Weight per Org (mg)	Mean Wt. per Org (mg)
R5AU1s	A	5	9	90		19.80	2.20	
	B	43	7	70		23.65	3.38	
	C	22	9	90		16.77	1.86	
	D	1	10	100		24.88	2.49	
	E	29	10	100		17.61	1.76	
	Surr		6	60	85	11.57	1.93	2.27
R5AM1s	A	47	8	80		18.98	2.37	
	B	18	9	90		17.56	1.95	
	C	25	8	80		16.16	2.02	
	D	17	9	90		16.49	1.83	
	E	44	6	60		17.04	2.84	
	Surr		6	60	77	12.33	2.06	2.18

AMEC - Sauget
Site R6
Chironomus Summary Results

Site	Rep	Rand #	# Alive	% Survival	Mean % Survival	Total Weight (mg)	Weight per Org (mg)	Mean Wt. per Org (mg)
CONTROL	A	6	9	90		11.09	1.23	
Beach Sand	B	20	9	90		7.72	0.86	
	C	15	10	100		10.88	1.09	
	D	38	9	90		11.31	1.26	
	E	31	8	80		8.72	1.09	
	Surr		9	90	90	12.43	1.38	1.15
R6AM1s	A	40	6	60		10.65	1.78	
	B	35	8	80		16.79	2.10	
	C	3	8	80		18.89	2.36	
	D	41	5	50		11.77	2.35	
	E	27	8	80		18.43	2.30	
	Surr		9	90	73	19.44	2.16	2.18
R6BM1s	A	36	6	60		13.52	2.25	
	B	34	9	90		21.97	2.44	
	C	23	8	80		11.75	1.47	
	D	50	7	70		14.98	2.14	
	E	11	9	90		21.05	2.34	
	Surr		10	100	82	27.68	2.77	2.24
R6CM1s	A	30	9	90		10.15	1.13	
	B	21	5	50		7.49	1.50	
	C	9	10	100		16.70	1.67	
	D	19	8	80		14.44	1.81	
	E	24	8	80		11.26	1.41	
	Surr		10	100	83	14.34	1.43	1.49
R6AM2s	A	14	8	80		15.65	1.96	
	B	42	7	70		12.46	1.78	
	C	33	8	80		15.08	1.89	
	D	12	9	90		14.75	1.64	
	E	28	9	90		12.67	1.41	
	Surr		8	80	82	16.60	2.08	1.79
R6AU1s	A	37	6	60		13.15	2.19	
	B	39	7	70		15.71	2.24	
	C	7	9	90		19.41	2.16	
	D	4	6	60		15.51	2.59	
	E	10	10	100		22.74	2.27	
	Surr		8	80	77	18.43	2.30	2.29

Site	Rep	Rand #	# Alive	% Survival	Mean % Survival	Total Weight (mg)	Weight per Org (mg)	Mean Wt. per Org (mg)
R6AD1s	A	45	4	40		9.78	2.45	
	B	16	5	50		13.86	2.77	
	C	13	9	90		22.09	2.45	
	D	49	10	100		24.73	2.47	
	E	46	9	90		21.65	2.41	
	Surr		7	70	73	15.08	2.15	2.45
R6BU1s	A	8	7	70		15.53	2.22	
	B	48	8	80		16.61	2.08	
	C	2	10	100		23.32	2.33	
	D	32	9	90		17.49	1.94	
	E	26	8	80		16.85	2.11	
	Surr		8	80	83	17.26	2.16	2.14

********** CHIRONOMUS **********

One-way Analysis of Variance

Analysis of Variance for R-1

Source	DF	SS	MS	F	P
R-1	8	1797	225	0.73	0.668
Error	44	13622	310		
Total	52	15420			

Level	N	Mean	StDev
CONTROL	6	69.82	18.97
R1AD1S	6	58.24	15.94
R1AM1Sa	5	73.03	16.63
R1AU1S	6	67.14	10.85
R1BD1S	6	70.43	21.76
R1BM1S	6	69.07	16.88
R1BM2S	6	53.86	14.19
R1BU1S	6	66.50	22.34
R1CM1S	6	63.32	17.67

Pooled StDev = 17.60

```
Individual 95% CIs For Mean
Based on Pooled StDev
----+---------+---------+---------+--
            (---------*--------)
   (---------*--------)
             (----------*---------)
         (---------*--------)
           (---------*---------)
          (---------*---------)
(---------*---------)
         (--------*---------)
       (--------*---------)
----+---------+---------+---------+--
   45        60        75        90
```

Dunnett's intervals for treatment mean minus control mean

Family error rate = 0.0500
Individual error rate = 0.00828

Critical value = 2.77

Control = level (CONTROL) of R-1

Level	Lower	Center	Upper
R1AD1S	-39.67	-11.58	16.51

```
--------+---------+---------+---------
   (----------*----------)
```

```
R1AM1Sa     -26.25      3.21     32.67          (----------*-----------)
R1AU1S      -30.77     -2.68     25.41        (----------*----------)
R1BD1S      -27.48      0.61     28.70         (----------*----------)
R1BM1S      -28.83     -0.75     27.34        (-----------*----------)
R1BM2S      -44.05    -15.96     12.13 (-----------*----------)
R1BU1S      -31.41     -3.32     24.77       (-----------*----------)
R1CM1S      -34.59     -6.50     21.59      (----------*-----------)
                                        --------+---------+---------+---------
                                               -25         0        25
```

Tukey's pairwise comparisons

Family error rate = 0.0500
Individual error rate = 0.00216

Critical value = 4.61

Intervals for (column level mean) - (row level mean)

	CONTROL	R1AD1S	R1AM1Sa	R1AU1S	R1BD1S	R1BM1S
R1AD1S	-21.54 44.69					
R1AM1Sa	-37.94 31.52	-49.52 19.94				
R1AU1S	-30.44 35.79	-42.01 24.22	-28.84 40.62			
R1BD1S	-33.72 32.50	-45.30 20.93	-32.13 37.33	-36.40 29.83		
R1BM1S	-32.37 33.86	-43.95 22.28	-30.77 38.69	-35.05 31.18	-31.76 34.47	

R1BM2S	-17.15	-28.73	-15.56	-19.83	-16.54	-17.90
	49.08	37.50	53.90	46.40	49.69	48.33
R1BU1S	-29.79	-41.37	-28.20	-32.47	-29.19	-30.54
	36.43	24.86	41.26	33.76	37.04	35.69
R1CM1S	-26.62	-38.19	-25.02	-29.30	-26.01	-27.36
	39.61	28.04	44.44	36.93	40.22	38.87

	R1BM2S	R1BU1S
R1BU1S	-45.76	
	20.47	
R1CM1S	-42.58	-29.94
	23.65	36.29

One-way Analysis of Variance

Analysis of Variance for R-2

Source	DF	SS	MS	F	P
R-2	8	2209	276	1.52	0.179
Error	45	8196	182		
Total	53	10405			

```
                                   Individual 95% CIs For Mean
                                   Based on Pooled StDev
Level       N      Mean     StDev  ----------+---------+---------+------
CONTROL     6     59.42     15.82  (---------*--------)
R2AD1S      6     66.79     17.13        (---------*--------)
R2AM1S      6     64.82     12.95       (--------*--------)
R2AM2S      6     76.96     15.03                 (--------*--------)
R2AU1S      6     62.82      7.24     (--------*---------)
R2BD1S      6     75.00     12.17               (--------*---------)
R2BM1S      6     66.35     14.88        (--------*---------)
R2BU1S      6     68.11     11.70          (--------*--------)
R2CM1S      6     79.43     11.96                   (--------*--------)
                                   ----------+---------+---------+------
Pooled StDev =    13.50                     60        72        84
```

Dunnett's intervals for treatment mean minus control mean

```
    Family error rate = 0.0500
Individual error rate = 0.00833

Critical value = 2.76

Control = level (CONTROL) of R-2

Level        Lower    Center     Upper --+---------+---------+---------+-----
R2AD1S      -14.14      7.37     28.87    (-------------*------------)
R2AM1S      -16.10      5.40     26.91   (------------*-------------)
R2AM2S       -3.96     17.55     39.05           (------------*------------)
R2AU1S      -18.10      3.40     24.91  (------------*-------------)
R2BD1S       -5.93     15.58     37.09         (-------------*------------)
```

```
R2BM1S      -14.57      6.93     28.44    (------------*-------------)
R2BU1S      -12.82      8.69     30.20     (------------*-------------)
R2CM1S       -1.50     20.01     41.52            (-------------*------------)
                                       --+---------+---------+---------+-----
                                       -16         0        16        32
```

Tukey's pairwise comparisons

Family error rate = 0.0500
Individual error rate = 0.00213

Critical value = 4.61

Intervals for (column level mean) - (row level mean)

	CONTROL	R2AD1S	R2AM1S	R2AM2S	R2AU1S	R2BD1S
R2AD1S	-32.77 18.03					
R2AM1S	-30.80 20.00	-23.43 27.36				
R2AM2S	-42.95 7.85	-35.58 15.22	-37.54 13.26			
R2AU1S	-28.80 22.00	-21.44 29.36	-23.40 27.40	-11.26 39.54		
R2BD1S	-40.98 9.82	-33.61 17.18	-35.58 15.22	-23.43 27.36	-37.58 13.22	
R2BM1S	-32.33 18.47	-24.96 25.83	-26.93 23.87	-14.78 36.01	-28.93 21.87	-16.75 34.05

R2BU1S	-34.09	-26.72	-28.69	-16.54	-30.69	-18.51
	16.71	24.08	22.11	34.25	20.11	32.29
R2CM1S	-45.41	-38.04	-40.01	-27.86	-42.00	-29.83
	5.39	12.76	10.79	22.94	8.79	20.97

	R2BM1S	R2BU1S
R2BU1S	-27.16	
	23.64	
R2CM1S	-38.48	-36.72
	12.32	14.08

One-way Analysis of Variance

Analysis of Variance for R-3

Source	DF	SS	MS	F	P
R-3	7	1314	188	0.91	0.512
Error	40	8293	207		
Total	47	9607			

```
                                   Individual 95% CIs For Mean
                                   Based on Pooled StDev
Level        N      Mean     StDev --+---------+---------+---------+----
CONTROL      6     59.42     15.82   (---------*--------)
R3AD1S       6     61.92     16.85     (---------*---------)
R3AM1S       6     71.18     14.80            (---------*---------)
R3AU1S       6     71.78     16.31             (---------*---------)
R3BD1S       6     64.79     13.69       (---------*---------)
R3BM1S       6     69.71     12.30           (---------*---------)
R3BU1S       6     70.43     16.67            (---------*---------)
R3CM1S       6     58.00      4.81  (---------*---------)
                                   --+---------+---------+---------+----
Pooled StDev =     14.40              48        60        72        84
```

Dunnett's intervals for treatment mean minus control mean

```
    Family error rate = 0.0500
Individual error rate = 0.00935

Critical value = 2.73

Control = level (CONTROL) of R-3

Level        Lower    Center     Upper ------+---------+---------+---------+-
R3AD1S      -20.20      2.50     25.21    (-------------*------------)
R3AM1S      -10.94     11.76     34.47          (------------*-------------)
R3AU1S      -10.34     12.36     35.07           (------------*------------)
R3BD1S      -17.33      5.37     28.07      (------------*-------------)
```

```
R3BM1S      -12.41      10.29      33.00          (-------------*-------------)
R3BU1S      -11.70      11.01      33.71           (------------*------------)
R3CM1S      -24.12      -1.42      21.29  (-------------*-------------)
                                         ------+---------+---------+---------+-
                                             -16         0        16        32
```

Tukey's pairwise comparisons

Family error rate = 0.0500
Individual error rate = 0.00272

Critical value = 4.52

Intervals for (column level mean) - (row level mean)

	CONTROL	R3AD1S	R3AM1S	R3AU1S	R3BD1S	R3BM1S
R3AD1S	-29.07 24.07					
R3AM1S	-38.33 14.81	-35.83 17.31				
R3AU1S	-38.93 14.21	-36.43 16.71	-27.17 25.97			
R3BD1S	-31.94 21.20	-29.43 23.71	-20.17 32.97	-19.58 33.56		
R3BM1S	-36.86 16.28	-34.36 18.78	-25.10 28.04	-24.50 28.64	-31.50 21.64	
R3BU1S	-37.58 15.56	-35.07 18.07	-25.81 27.33	-25.22 27.93	-32.21 20.93	-27.28 25.86

R3CM1S	-25.15	-22.65	-13.39	-12.79	-19.78	-14.86
	27.99	30.49	39.75	40.35	33.36	38.28

	R3BU1S
R3CM1S	-14.14
	39.00

One-way Analysis of Variance

Analysis of Variance for R-4

Source	DF	SS	MS	F	P
R-4	8	3061	383	1.79	0.105
Error	45	9640	214		
Total	53	12701			

```
                                   Individual 95% CIs For Mean
                                   Based on Pooled StDev
Level        N      Mean     StDev ----+---------+---------+---------+--
CONTROL      6     52.40     11.74  (-------*-------)
R4AD1S       6     58.50      9.64      (-------*-------)
R4AM1S       6     68.07     17.91            (-------*-------)
R4AU1S       6     68.97     16.49             (-------*-------)
R4BD1S       6     65.28     15.78          (--------*-------)
R4BM1S       6     80.39     16.28                     (-------*-------)
R4BU1S       6     67.11     13.05            (-------*-------)
R4CM1S       6     59.85     18.14        (-------*-------)
R4CM2S       6     60.82      9.55         (-------*-------)
                                   ----+---------+---------+---------+--
Pooled StDev =     14.64               45        60        75        90
```

Dunnett's intervals for treatment mean minus control mean

```
    Family error rate = 0.0500
Individual error rate = 0.00833

Critical value = 2.76

Control = level (CONTROL) of R-4

Level        Lower    Center     Upper ---------+---------+---------+--------
R4AD1S      -17.22      6.10     29.43 (-----------*-----------)
R4AM1S       -7.65     15.67     39.00      (-----------*----------)
R4AU1S       -6.75     16.57     39.90       (----------*-----------)
```

```
R4BD1S      -10.44     12.89     36.21     (----------*-----------)
R4BM1S        4.67     27.99     51.32            (-----------*-----------)
R4BU1S       -8.61     14.71     38.04      (----------*-----------)
R4CM1S      -15.87      7.46     30.78  (-----------*----------)
R4CM2S      -14.91      8.42     31.74   (----------*-----------)
                                       ---------+---------+---------+--------
                                                0        20        40
```

Tukey's pairwise comparisons

Family error rate = 0.0500
Individual error rate = 0.00213

Critical value = 4.61

Intervals for (column level mean) - (row level mean)

	CONTROL	R4AD1S	R4AM1S	R4AU1S	R4BD1S	R4BM1S
R4AD1S	-33.65 21.44					
R4AM1S	-43.22 11.87	-37.12 17.98				
R4AU1S	-44.12 10.98	-38.01 17.08	-28.45 26.65			
R4BD1S	-40.44 14.66	-34.33 20.76	-24.76 30.33	-23.86 31.23		
R4BM1S	-55.54 -0.45	-49.44 5.66	-39.87 15.23	-38.97 16.12	-42.65 12.44	
R4BU1S	-42.26	-36.15	-26.58	-25.69	-29.37	-14.26

	12.84	18.94	28.51	29.41	25.72	40.83
R4CM1S	-35.00	-28.90	-19.33	-18.43	-22.12	-7.01
	20.09	26.19	35.76	36.66	32.98	48.08
R4CM2S	-35.97	-29.86	-20.29	-19.39	-23.08	-7.97
	19.13	25.23	34.80	35.70	32.02	47.12

	R4BU1S	R4CM1S
R4CM1S	-20.29	
	34.80	
R4CM2S	-21.26	-28.51
	33.84	26.58

One-way Analysis of Variance

Analysis of Variance for R-5

Source	DF	SS	MS	F	P
R-5	7	1447	207	1.51	0.192
Error	40	5474	137		
Total	47	6921			

```
                                   Individual 95% CIs For Mean
                                   Based on Pooled StDev
Level        N      Mean     StDev -----+---------+---------+---------+-
CONTROL      6     52.40     11.74  (-------*-------)
R5AM1s       6     61.92      9.37          (-------*-------)
R5AN1S       6     59.65     11.05        (-------*-------)
R5AU1s       6     71.78     16.31                  (-------*-------)
R5BM1S       6     64.64     13.43            (-------*-------)
R5BN1S       6     68.11     11.70               (-------*-------)
R5BU1S       6     63.93      6.62           (-------*-------)
R5CM1S       6     59.85     10.95        (-------*-------)
                                   -----+---------+---------+---------+-
Pooled StDev =    11.70                 48        60        72        84
```

Dunnett's intervals for treatment mean minus control mean

```
    Family error rate = 0.0500
Individual error rate = 0.00935

Critical value = 2.73

Control = level (CONTROL) of R-5

Level        Lower    Center     Upper --------+---------+---------+---------
R5AM1s       -8.92      9.53     27.97   (-----------*-----------)
R5AN1S      -11.19      7.25     25.70  (-----------*-----------)
R5AU1s        0.94     19.39     37.83          (-----------*-----------)
R5BM1S       -6.20     12.25     30.69     (-----------*-----------)
```

```
R5BN1S       -2.73     15.71     34.16       (-----------*------------)
R5BU1S       -6.91     11.53     29.98    (------------*-----------)
R5CM1S      -10.99      7.46     25.90  (-----------*-----------)
                                       --------+---------+---------+---------
                                               0        15        30
```

Tukey's pairwise comparisons

Family error rate = 0.0500
Individual error rate = 0.00272

Critical value = 4.52

Intervals for (column level mean) - (row level mean)

	CONTROL	R5AM1s	R5AN1S	R5AU1s	R5BM1S	R5BN1S
R5AM1s	-31.11 12.06					
R5AN1S	-28.84 14.33	-19.31 23.86				
R5AU1s	-40.97 2.20	-31.44 11.73	-33.72 9.45			
R5BM1S	-33.83 9.34	-24.31 18.86	-26.58 16.59	-14.45 28.72		
R5BN1S	-37.30 5.87	-27.77 15.40	-30.05 13.12	-17.91 25.26	-25.05 18.12	
R5BU1S	-33.12 10.05	-23.59 19.58	-25.87 17.30	-13.73 29.44	-20.87 22.30	-17.41 25.77

R5CM1S	-29.04	-19.52	-21.79	-9.66	-16.80	-13.33
	14.13	23.65	21.38	33.51	26.38	29.84

	R5BU1S
R5CM1S	-17.51
	25.66

One-way Analysis of Variance

Analysis of Variance for R-6

Source	DF	SS	MS	F	P
R-6	7	835	119	0.67	0.695
Error	40	7111	178		
Total	47	7946			

Level	N	Mean	StDev
CONTROL	6	73.28	8.81
R6AD1s	6	62.36	18.98
R6AM1s	6	59.61	9.78
R6AM2s	6	65.04	5.67
R6AU1s	6	63.89	15.07
R6BM1s	6	67.35	13.79
R6BU1s	6	68.11	11.70
R6CM1s	6	70.57	17.39

Pooled StDev = 13.33

```
                    Individual 95% CIs For Mean
                    Based on Pooled StDev
--+---------+---------+---------+---------+----
                  (----------*----------)
    (----------*----------)
  (----------*----------)
       (----------*----------)
      (----------*----------)
         (----------*----------)
          (----------*----------)
             (----------*----------)
--+---------+---------+---------+---------+----
 50        60        70        80
```

Dunnett's intervals for treatment mean minus control mean

Family error rate = 0.0500
Individual error rate = 0.00935

Critical value = 2.73

Control = level (CONTROL) of R-6

Level	Lower	Center	Upper
R6AD1s	-31.95	-10.92	10.10
R6AM1s	-34.70	-13.68	7.35
R6AM2s	-29.27	-8.25	12.78
R6AU1s	-30.42	-9.39	11.63

```
----+---------+---------+---------+---+
   (-------------*-------------)
 (-------------*-------------)
     (--------------*-------------)
     (-------------*-------------)
```

```
R6BM1s      -26.95     -5.93     15.09       (-------------*-------------)
R6BU1s      -26.20     -5.17     15.85        (-------------*-------------)
R6CM1s      -23.73     -2.71     18.31         (-------------*-------------)
                                       ----+---------+---------+---------+---
                                         -30       -15         0        15
```

Tukey's pairwise comparisons

Family error rate = 0.0500
Individual error rate = 0.00272

Critical value = 4.52

Intervals for (column level mean) - (row level mean)

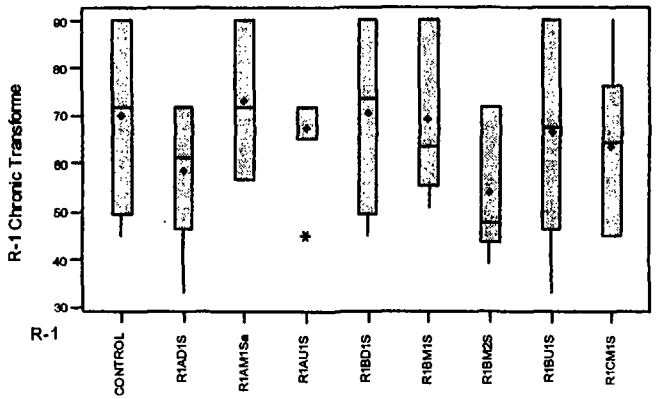
	CONTROL	R6AD1s	R6AM1s	R6AM2s	R6AU1s	R6BM1s
R6AD1s	-13.68 35.53					
R6AM1s	-10.93 38.28	-21.85 27.36				
R6AM2s	-16.36 32.85	-27.28 21.92	-30.03 19.17			
R6AU1s	-15.21 34.00	-26.13 23.07	-28.88 20.32	-23.45 25.75		
R6BM1s	-18.67 30.53	-29.60 19.61	-32.35 16.86	-26.92 22.29	-28.07 21.14	
R6BU1s	-19.43 29.78	-30.35 18.85	-33.11 16.10	-27.68 21.53	-28.83 20.38	-25.36 23.85

R6CM1s	-21.89	-32.82	-35.57	-30.14	-31.29	-27.82
	27.31	16.39	13.64	19.07	17.92	21.38

	R6BU1s
R6CM1s	-27.07
	22.14

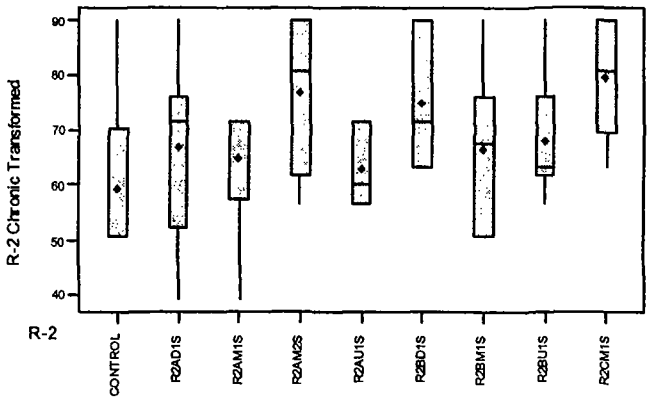
Boxplots of R-1 Chironomus Survival

(means are indicated by solid circles)



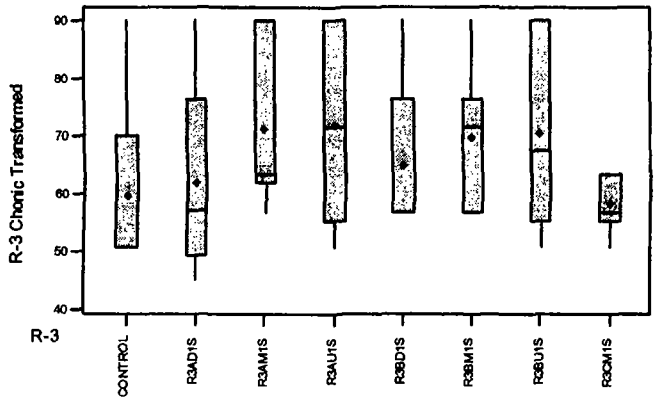
Boxplots of R-2 Chironomus Survival

(means are indicated by solid circles)



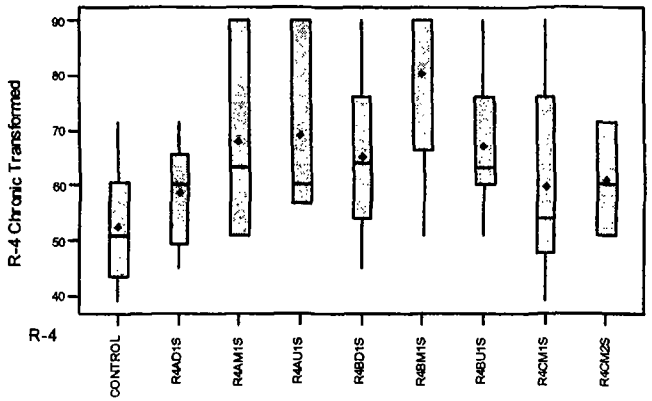
Boxplots of R-3 Chironomus Survival

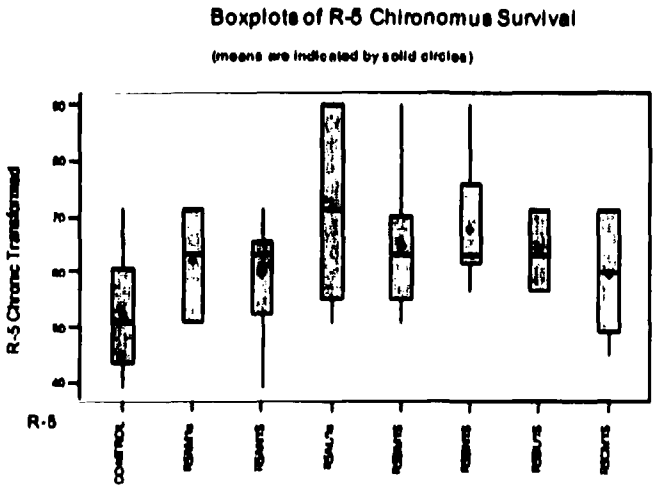
(means are indicated by solid circles)

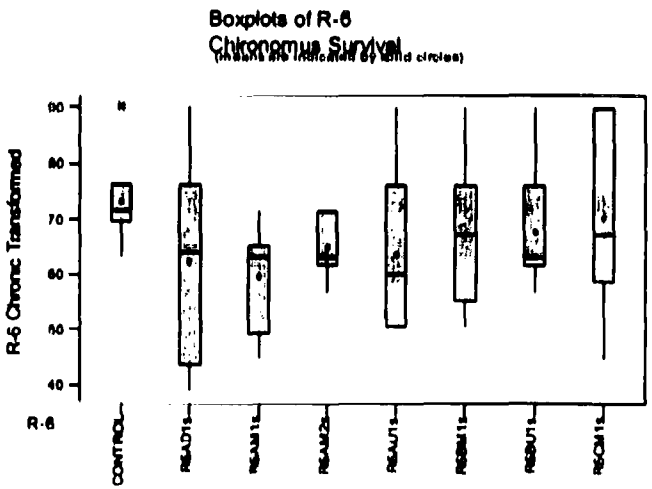


Boxplots of R-4 Chironomus Survival

(means are indicated by solid circles)




Boxplots of R-5 Chironomus Survival
(means are indicated by solid circles)
R-5 Chronic Transformed
R-5
CONTROL


Boxplots of R-6
Chironomus Survival
R-6 Chronic Transformed
R-6
CONTROL

***** Chironomus Growth Analysis**********

One-way Analysis of Variance

Analysis of Variance for R-1 Weig

Source	DF	SS	MS	F	P
R-1	8	5.208	0.651	4.88	0.000
Error	44	5.871	0.133		
Total	52	11.079			

```
                                   Individual 95% CIs For Mean
                                   Based on Pooled StDev
Level        N      Mean     StDev  ------+---------+---------+---------+
CONTROL      6    1.5167    0.3109  (-----*-----)
R1AD1S       6    1.5450    0.4192   (-----*-----)
R1AM1Sa      5    2.3040    0.3034                (------*------)
R1AU1S       6    2.5133    0.4564                     (-----*-----)
R1BD1S       6    2.2250    0.3985                (------*-----)
R1BM1S       6    1.8183    0.3970        (-----*-----)
R1BM2S       6    1.9450    0.3542           (-----*-----)
R1BU1S       6    1.9783    0.2471            (-----*-----)
R1CM1S       6    1.8983    0.3421          (-----*-----)
                                   ------+---------+---------+---------+
Pooled StDev =    0.3653                1.50      2.00      2.50      3.00
```

Dunnett's intervals for treatment mean minus control mean

```
    Family error rate = 0.0500
Individual error rate = 0.00828

Critical value = 2.77

Control = level (CONTROL) of R-1

Level        Lower    Center     Upper ----------+---------+---------+-------
R1AD1S     -0.5548    0.0283    0.6115  (--------*---------)
```

```
R1AM1Sa      0.1757    0.7873    1.3990              (---------*---------)
R1AU1S       0.4135    0.9967    1.5798                  (---------*--------)
R1BD1S       0.1252    0.7083    1.2915             (---------*---------)
R1BM1S      -0.2815    0.3017    0.8848      (---------*---------)
R1BM2S      -0.1548    0.4283    1.0115        (---------*---------)
R1BU1S      -0.1215    0.4617    1.0448         (---------*--------)
R1CM1S      -0.2015    0.3817    0.9648        (--------*---------)
                                         ----------+---------+---------+-------
                                                 0.00      0.60      1.20
```

Tukey's pairwise comparisons

```
    Family error rate = 0.0500
Individual error rate = 0.00216

Critical value = 4.61

Intervals for (column level mean) - (row level mean)

           CONTROL     R1AD1S      R1AM1Sa     R1AU1S      R1BD1S      R1BM1S

 R1AD1S     -0.7158
             0.6592

 R1AM1Sa    -1.5084     -1.4800
            -0.0663     -0.0380

 R1AU1S     -1.6842     -1.6558     -0.9304
            -0.3092     -0.2808      0.5117

 R1BD1S     -1.3958     -1.3675     -0.6420     -0.3992
            -0.0208      0.0075      0.8000      0.9758

 R1BM1S     -0.9892     -0.9608     -0.2354      0.0075     -0.2808
             0.3858      0.4142      1.2067      1.3825      1.0942
```

R1BM2S	-1.1158	-1.0875	-0.3620	-0.1192	-0.4075	-0.8142
	0.2592	0.2875	1.0800	1.2558	0.9675	0.5608
R1BU1S	-1.1492	-1.1208	-0.3954	-0.1525	-0.4408	-0.8475
	0.2258	0.2542	1.0467	1.2225	0.9342	0.5275
R1CM1S	-1.0692	-1.0408	-0.3154	-0.0725	-0.3608	-0.7675
	0.3058	0.3342	1.1267	1.3025	1.0142	0.6075

	R1BM2S	R1BU1S
R1BU1S	-0.7208	
	0.6542	
R1CM1S	-0.6408	-0.6075
	0.7342	0.7675

One-way Analysis of Variance

Analysis of Variance for R-2 Weig

Source	DF	SS	MS	F	P
R-2	8	4.649	0.581	1.76	0.112
Error	45	14.896	0.331		
Total	53	19.545			

```
                                   Individual 95% CIs For Mean
                                   Based on Pooled StDev
Level       N      Mean     StDev  -------+---------+---------+---------
CONTROL     6    1.2850    0.4787   (------*-------)
R2AD1S      6    1.4267    0.3072     (-------*-------)
R2AM1S      6    1.9917    0.8204               (-------*-------)
R2AM2S      6    1.7550    0.6168          (-------*-------)
R2AU1S      6    2.2867    0.6872                   (-------*-------)
R2BD1S      6    1.7483    0.3897          (-------*-------)
R2BM1S      6    2.0750    0.3934                (-------*------)
R2BU1S      6    1.9033    0.7183             (-------*-------)
R2CM1S      6    1.8933    0.5543             (-------*------)
                                   -------+---------+---------+---------
Pooled StDev =   0.5753                 1.20      1.80      2.40
```

Dunnett's intervals for treatment mean minus control mean

```
    Family error rate = 0.0500
Individual error rate = 0.00833

Critical value = 2.76

Control = level (CONTROL) of R-2

Level        Lower    Center     Upper ----------+---------+---------+-------
R2AD1S     -0.7752    0.1417    1.0585 (-----------*----------)
R2AM1S     -0.2102    0.7067    1.6235        (-----------*----------)
```

```
R2AM2S     -0.4469    0.4700    1.3869     (-----------*----------)
R2AU1S      0.0848    1.0017    1.9185            (-----------*----------)
R2BD1S     -0.4535    0.4633    1.3802     (-----------*----------)
R2BM1S     -0.1269    0.7900    1.7069         (-----------*----------)
R2BU1S     -0.2985    0.6183    1.5352       (-----------*----------)
R2CM1S     -0.3085    0.6083    1.5252       (-----------*----------)
                                         ----------+---------+---------+-------
                                                 0.00      0.80      1.60
```

Tukey's pairwise comparisons

Family error rate = 0.0500
Individual error rate = 0.00213

Critical value = 4.61

Intervals for (column level mean) - (row level mean)

	CONTROL	R2AD1S	R2AM1S	R2AM2S	R2AU1S	R2BD1S
R2AD1S	-1.2245 0.9411					
R2AM1S	-1.7895 0.3761	-1.6478 0.5178				
R2AM2S	-1.5528 0.6128	-1.4111 0.7545	-0.8461 1.3195			
R2AU1S	-2.0845 0.0811	-1.9428 0.2228	-1.3778 0.7878	-1.6145 0.5511		
R2BD1S	-1.5461 0.6195	-1.4045 0.7611	-0.8395 1.3261	-1.0761 1.0895	-0.5445 1.6211	

R2BM1S	-1.8728	-1.7311	-1.1661	-1.4028	-0.8711	-1.4095
	0.2928	0.4345	0.9995	0.7628	1.2945	0.7561
R2BU1S	-1.7011	-1.5595	-0.9945	-1.2311	-0.6995	-1.2378
	0.4645	0.6061	1.1711	0.9345	1.4661	0.9278
R2CM1S	-1.6911	-1.5495	-0.9845	-1.2211	-0.6895	-1.2278
	0.4745	0.6161	1.1811	0.9445	1.4761	0.9378

	R2BM1S	R2BU1S
R2BU1S	-0.9111	
	1.2545	
R2CM1S	-0.9011	-1.0728
	1.2645	1.0928

One-way Analysis of Variance

Analysis of Variance for R-3 Weig

Source	DF	SS	MS	F	P
R-3	7	4.661	0.666	2.26	0.049
Error	40	11.777	0.294		
Total	47	16.438			

Level	N	Mean	StDev
CONTROL	6	1.2850	0.4787
R3AD1S	6	2.1517	0.4521
R3AM1S	6	1.9833	0.1714
R3AU1S	6	2.1417	0.2551
R3BD1S	6	1.8800	0.7104
R3BM1S	6	2.2183	0.7062
R3BU1S	6	1.6283	0.8837
R3CM1S	6	1.5700	0.2077

Pooled StDev = 0.5426

```
Individual 95% CIs For Mean
Based on Pooled StDev
----+---------+---------+---------+--
 (--------*--------)
                   (--------*--------)
                (--------*--------)
                   (--------*--------)
              (--------*--------)
                    (--------*--------)
         (--------*--------)
       (--------*--------)
----+---------+---------+---------+--
  1.00      1.50      2.00      2.50
```

Dunnett's intervals for treatment mean minus control mean

Family error rate = 0.0500
Individual error rate = 0.00935

Critical value = 2.73

Control = level (CONTROL) of R-3

Level	Lower	Center	Upper
R3AD1S	0.0111	0.8667	1.7222
R3AM1S	-0.1572	0.6983	1.5539
R3AU1S	0.0011	0.8567	1.7122
R3BD1S	-0.2606	0.5950	1.4506
R3BM1S	0.0778	0.9333	1.7889

```
---------+---------+---------+--------
         (-----------*-----------)
       (-----------*-----------)
         (-----------*-----------)
     (-----------*-----------)
           (-----------*-----------)
```

```
R3BU1S      -0.5122     0.3433     1.1989    (-----------*-----------)
R3CM1S      -0.5706     0.2850     1.1406   (-----------*-----------)
                                            ---------+---------+---------+--------
                                                   0.00      0.70      1.40
```

Tukey's pairwise comparisons

Family error rate = 0.0500
Individual error rate = 0.00272

Critical value = 4.52

Intervals for (column level mean) - (row level mean)

	CONTROL	R3AD1S	R3AM1S	R3AU1S	R3BD1S	R3BM1S
R3AD1S	-1.8680 0.1346					
R3AM1S	-1.6996 0.3030	-0.8330 1.1696				
R3AU1S	-1.8580 0.1446	-0.9913 1.0113	-1.1596 0.8430			
R3BD1S	-1.5963 0.4063	-0.7296 1.2730	-0.8980 1.1046	-0.7396 1.2630		
R3BM1S	-1.9346 0.0680	-1.0680 0.9346	-1.2363 0.7663	-1.0780 0.9246	-1.3396 0.6630	
R3BU1S	-1.3446 0.6580	-0.4780 1.5246	-0.6463 1.3563	-0.4880 1.5146	-0.7496 1.2530	-0.4113 1.5913
R3CM1S	-1.2863	-0.4196	-0.5880	-0.4296	-0.6913	-0.3530

	0.7163	1.5830	1.4146	1.5730	1.3113	1.6496

	R3BU1S
R3CM1S	-0.9430
	1.0596

One-way Analysis of Variance

Analysis of Variance for R-4 Weig

Source	DF	SS	MS	F	P
R-4	8	1.442	0.180	1.31	0.261
Error	45	6.169	0.137		
Total	53	7.611			

```
                                   Individual 95% CIs For Mean
                                   Based on Pooled StDev
Level        N      Mean     StDev ------+---------+---------+---------+-
CONTROL      6    0.8633    0.2063  (--------*-------)
R4AD1S       6    1.3650    0.3034                  (--------*--------)
R4AM1S       6    1.4800    0.5424                      (-------*--------)
R4AU1S       6    1.2900    0.3167                (--------*--------)
R4BD1S       6    1.1917    0.2615             (--------*--------)
R4BM1S       6    1.2267    0.3972              (--------*--------)
R4BU1S       6    1.2867    0.2317                (--------*-------)
R4CM1S       6    1.3867    0.5950                   (--------*-------)
R4CM2S       6    1.2483    0.2660               (--------*--------)
                                   ------+---------+---------+---------+-
Pooled StDev =    0.3702                0.70      1.05      1.40      1.75
```

Dunnett's intervals for treatment mean minus control mean

```
    Family error rate = 0.0500
Individual error rate = 0.00833

Critical value = 2.76

Control = level (CONTROL) of R-4

Level        Lower    Center     Upper -------+---------+---------+---------+
R4AD1S     -0.0884    0.5017    1.0917       (--------------*-------------)
R4AM1S      0.0266    0.6167    1.2067          (-------------*--------------)
R4AU1S     -0.1634    0.4267    1.0167     (--------------*-------------)
```

```
R4BD1S     -0.2617    0.3283    0.9184 (--------------*--------------)
R4BM1S     -0.2267    0.3633    0.9534  (--------------*--------------)
R4BU1S     -0.1667    0.4233    1.0134    (--------------*-------------)
R4CM1S     -0.0667    0.5233    1.1134      (--------------*--------------)
R4CM2S     -0.2050    0.3850    0.9750   (--------------*-------------)
                                       -------+---------+---------+---------+
                                            0.00      0.40      0.80      1.20
```

Tukey's pairwise comparisons

Family error rate = 0.0500
Individual error rate = 0.00213

Critical value = 4.61

Intervals for (column level mean) - (row level mean)

	CONTROL	R4AD1S	R4AM1S	R4AU1S	R4BD1S	R4BM1S
R4AD1S	-1.1985 0.1951					
R4AM1S	-1.3135 0.0801	-0.8118 0.5818				
R4AU1S	-1.1235 0.2701	-0.6218 0.7718	-0.5068 0.8868			
R4BD1S	-1.0251 0.3685	-0.5235 0.8701	-0.4085 0.9851	-0.5985 0.7951		
R4BM1S	-1.0601 0.3335	-0.5585 0.8351	-0.4435 0.9501	-0.6335 0.7601	-0.7318 0.6618	
R4BU1S	-1.1201	-0.6185	-0.5035	-0.6935	-0.7918	-0.7568

	0.2735	0.7751	0.8901	0.7001	0.6018	0.6368
R4CM1S	-1.2201	-0.7185	-0.6035	-0.7935	-0.8918	-0.8568
	0.1735	0.6751	0.7901	0.6001	0.5018	0.5368
R4CM2S	-1.0818	-0.5801	-0.4651	-0.6551	-0.7535	-0.7185
	0.3118	0.8135	0.9285	0.7385	0.6401	0.6751

	R4BU1S	R4CM1S
R4CM1S	-0.7968	
	0.5968	
R4CM2S	-0.6585	-0.5585
	0.7351	0.8351

One-way Analysis of Variance

Analysis of Variance for R-5 Weig

Source	DF	SS	MS	F	P
R-5	7	9.814	1.402	10.96	0.000
Error	40	5.116	0.128		
Total	47	14.930			

```
                                   Individual 95% CIs For Mean
                                   Based on Pooled StDev
Level        N      Mean     StDev -+---------+---------+---------+-----
CONTROL      6    0.8633    0.2063 (----*----)
R5AM1s       6    2.1783    0.3707                      (----*----)
R5AN1S       6    1.2983    0.1451         (----*----)
R5AU1s       6    2.2700    0.6048                        (----*----)
R5BM1S       6    1.3483    0.3454          (---*----)
R5BN1S       6    1.3817    0.2436          (----*----)
R5BU1S       6    1.5283    0.4645             (---*----)
R5CM1S       6    1.1850    0.2488       (----*----)
                                   -+---------+---------+---------+-----
Pooled StDev =    0.3576           0.60      1.20      1.80      2.40
```

Dunnett's intervals for treatment mean minus control mean

Family error rate = 0.0500
Individual error rate = 0.00935

Critical value = 2.73

Control = level (CONTROL) of R-5

```
Level        Lower    Center     Upper -----+---------+---------+---------+--
R5AM1s      0.7511    1.3150    1.8789                  (--------*--------)
R5AN1S     -0.1289    0.4350    0.9989    (--------*---------)
R5AU1s      0.8428    1.4067    1.9706                    (--------*---------)
R5BM1S     -0.0789    0.4850    1.0489     (--------*--------)
```

```
R5BN1S      -0.0456    0.5183    1.0822     (---------*--------)
R5BU1S       0.1011    0.6650    1.2289        (--------*--------)
R5CM1S      -0.2422    0.3217    0.8856  (--------*---------)
                                        -----+---------+---------+---------+--
                                           0.00      0.60      1.20      1.80
```

Tukey's pairwise comparisons

Family error rate = 0.0500
Individual error rate = 0.00272

Critical value = 4.52

Intervals for (column level mean) - (row level mean)

	CONTROL	R5AM1s	R5AN1S	R5AU1s	R5BM1S	R5BN1S
R5AM1s	-1.9749 -0.6551					
R5AN1S	-1.0949 0.2249	0.2201 1.5399				
R5AU1s	-2.0666 -0.7467	-0.7516 0.5683	-1.6316 -0.3117			
R5BM1S	-1.1449 0.1749	0.1701 1.4899	-0.7099 0.6099	0.2617 1.5816		
R5BN1S	-1.1783 0.1416	0.1367 1.4566	-0.7433 0.5766	0.2284 1.5483	-0.6933 0.6266	
R5BU1S	-1.3249 -0.0051	-0.0099 1.3099	-0.8899 0.4299	0.0817 1.4016	-0.8399 0.4799	-0.8066 0.5133

R5CM1S	-0.9816	0.3334	-0.5466	0.4251	-0.4966	-0.4633
	0.3383	1.6533	0.7733	1.7449	0.8233	0.8566

	R5BU1S
R5CM1S	-0.3166
	1.0033

One-way Analysis of Variance

Analysis of Variance for R-6 Weig

Source	DF	SS	MS	F	P
R-6	7	8.4275	1.2039	20.89	0.000
Error	40	2.3049	0.0576		
Total	47	10.7323			

```
                                   Individual 95% CIs For Mean
                                   Based on Pooled StDev
Level        N      Mean     StDev -+---------+---------+---------+-----
CONTROL      6    1.1517    0.1804 (---*---)
R6AD1s       6    2.4500    0.1972                           (---*---)
R6AM1s       6    2.1750    0.2202                       (--*---)
R6AM2s       6    1.7933    0.2408                (---*---)
R6AU1s       6    2.2917    0.1548                          (---*---)
R6BM1s       6    2.2350    0.4321                        (---*---)
R6BU1s       6    2.1400    0.1322                     (---*---)
R6CM1s       6    1.4917    0.2343          (---*---)
                                   -+---------+---------+---------+-----
Pooled StDev =    0.2400            1.00      1.50      2.00      2.50
```

Dunnett's intervals for treatment mean minus control mean

```
    Family error rate = 0.0500
Individual error rate = 0.00935

Critical value = 2.73

Control = level (CONTROL) of R-6

Level        Lower    Center     Upper -+---------+---------+---------+------
R6AD1s      0.9198    1.2983    1.6768                     (-------*-------)
R6AM1s      0.6448    1.0233    1.4018                (------*-------)
R6AM2s      0.2632    0.6417    1.0202        (-------*------)
R6AU1s      0.7615    1.1400    1.5185                  (-------*------)
```

```
R6BM1s      0.7048    1.0833    1.4618                (-------*------)
R6BU1s      0.6098    0.9883    1.3668              (-------*------)
R6CM1s     -0.0385    0.3400    0.7185 (-------*------)
                                       -+---------+---------+---------+------
                                     0.00      0.50      1.00      1.50
```

Tukey's pairwise comparisons

Family error rate = 0.0500
Individual error rate = 0.00272

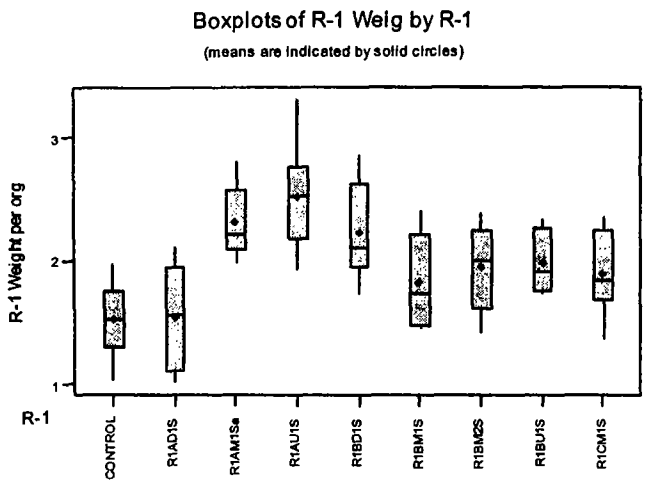
Critical value = 4.52

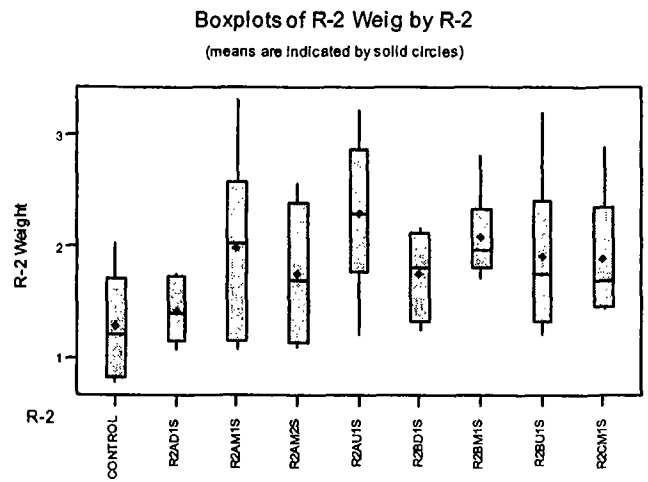
Intervals for (column level mean) - (row level mean)

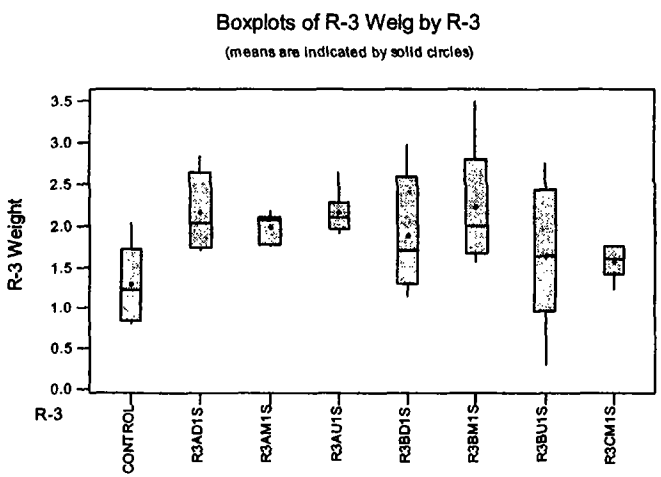
	CONTROL	R6AD1s	R6AM1s	R6AM2s	R6AU1s	R6BM1s
R6AD1s	-1.7413 -0.8554					
R6AM1s	-1.4663 -0.5804	-0.1680 0.7180				
R6AM2s	-1.0846 -0.1987	0.2137 1.0996	-0.0613 0.8246			
R6AU1s	-1.5830 -0.6970	-0.2846 0.6013	-0.5596 0.3263	-0.9413 -0.0554		
R6BM1s	-1.5263 -0.6404	-0.2280 0.6580	-0.5030 0.3830	-0.8846 0.0013	-0.3863 0.4996	
R6BU1s	-1.4313 -0.5454	-0.1330 0.7530	-0.4080 0.4780	-0.7896 0.0963	-0.2913 0.5946	-0.3480 0.5380

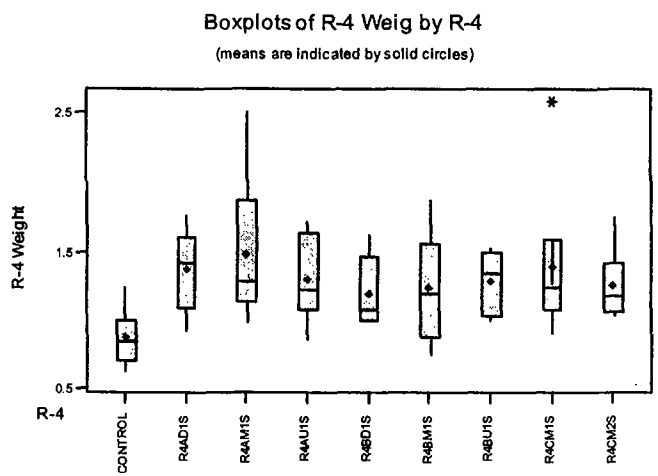
R6CM1s	-0.7830	0.5154	0.2404	-0.1413	0.3570	0.3004
	0.1030	1.4013	1.1263	0.7446	1.2430	1.1863

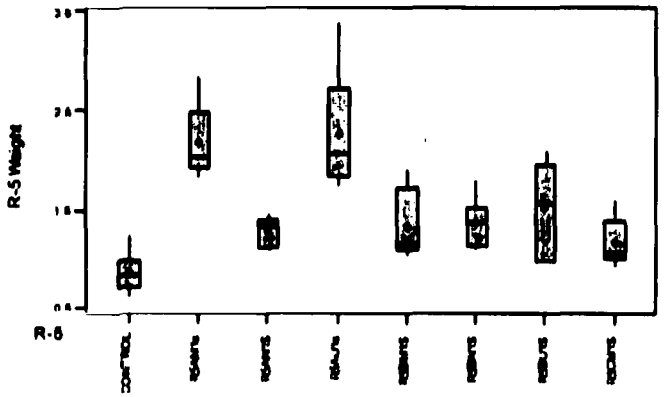
	R6BU1s
R6CM1s	0.2054
	1.0913

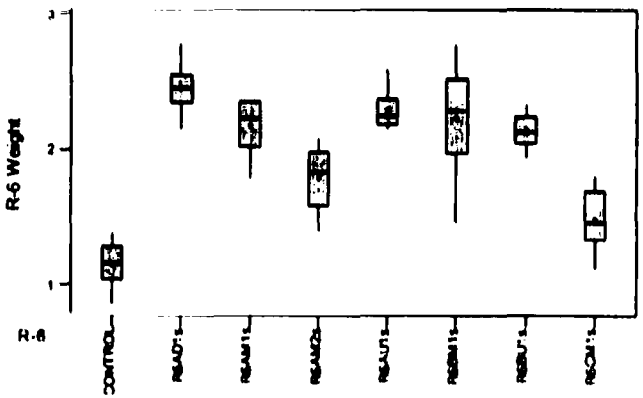

Boxplots of R-1 Weig by R-1
(means are indicated by solid circles)
R-1 Weight per org
R-1
CONTROL
R1AD1S
R1AM1S
R1AU1S
R1BD1S
R1BM1S
R1BM2S
R1BU1S
R1CM1S


Boxplots of R-2 Weig by R-2
(means are indicated by solid circles)
R-2 Weight
R-2
CONTROL
R2AD1S
R2AM1S
R2AM2S
R2AU1S
R2BD1S
R2BM1S
R2BU1S
R2CM1S


Boxplots of R-3 Weig by R-3
(means are indicated by solid circles)
R-3 Weight
R-3
CONTROL
R3AD1S
R3AM1S
R3AU1S
R3BD1S
R3BM1S
R3BU1S
R3CM1S


Boxplots of R-4 Weig by R-4
(means are indicated by solid circles)
R-4 Weight
R-4
CONTROL
R4AD1S
R4AM1S
R4AU1S
R4BD1S
R4BM1S
R4BU1S
R4CM1S
R4CM2S


Boxplots of R-5 Weig by R-5
(means are indicated by solid circles)
R-5 Weight
R-5


Boxplots of R-6 Weig by R-6
(means are indicated by solid circles)
R-6 Weight
R-6

AMEC - Sauget
Site R1
Hyalella Summary Results

Site	Rep	Rand#	# Alive	% Survival	Mean % Survival	Total Weight (mg)	Weight per Org (mg)	Mean Wt. per Org (mg)
CONTROL	A	21	20	100		2.46	0.12	
Beach Sand	B	45	20	100		3.05	0.15	
	C	49	20	100		2.88	0.14	
	D	55	20	100		3.92	0.20	
	E	23	20	100	100	2.59	0.13	0.15
R1AU1S	A	28	19	95		3.30	0.17	
	B	44	19	95		3.30	0.17	
	C	53	20	100		4.47	0.22	
	D	17	20	100		4.54	0.23	
	E	2	20	100	98	2.73	0.14	0.19
R1AD1S	A	19	19	95		3.37	0.18	
	B	16	20	100		2.89	0.14	
	C	29	19	95		2.87	0.15	
	D	46	20	100		2.51	0.13	
	E	13	20	100	98	2.94	0.15	0.15
R1BM2S	A	10	20	100		3.14	0.16	
	B	51	19	95		1.82	0.10	
	C	3	20	100		3.33	0.17	
	D	43	20	100		3.50	0.18	
	E	54	18	90	97	3.17	0.18	0.15
R1CM1S	A	6	20	100		2.92	0.15	
	B	41	20	100		3.05	0.15	
	C	1	18	90		2.45	0.14	
	D	34	18	90		3.58	0.20	
	E	42	20	100	96	3.38	0.17	0.16
R1AM1S	A	5	20	100		2.84	0.14	
	B	35	20	100		2.56	0.13	
	C	25	20	100		3.49	0.17	
	D	15	20	100		3.66	0.18	
	E	37	20	100	100	3.36	0.17	0.16
R1BD1S	A	14	20	100		4.19	0.21	
	B	26	19	95		2.66	0.14	
	C	50	17	85		1.73	0.10	
	D	4	20	100		3.96	0.20	

	E	20	20	100	96	3.79	0.19	0.17

Site	Rep	Rand#	# Alive	% Survival	Mean % Survival	Total Weight (mg)	Weight per Org (mg)	Mean Wt. per Org (mg)
R1BM1S	A	24	18	90		2.84	0.16	
	B	11	19	95		3.64	0.19	
	C	36	19	95		2.98	0.16	
	D	40	18	90		3.49	0.19	
	E	52	18	90	92	2.56	0.14	0.17
R1BU1S	A	22	20	100		3.10	0.16	
	B	8	19	95		3.98	0.21	
	C	18	20	100		3.85	0.19	
	D	32	20	100		3.23	0.16	
	E	7	20	100	99	3.23	0.16	0.18

AMEC - Sauget
Site R2
Hyalella Summary Results

Site	Rep	Rand #	# Alive	% Survival	Mean % Survival	Total Weight (mg)	Weight per Org (mg)	Mean Wt. per Org (mg)
CONTROL	A	40	18	90		3.06	0.17	
Beach Sand	B	38	20	100		3.23	0.16	
	C	22	20	100		4.09	0.20	
	D	66	19	95		3.02	0.16	
	E	19	19	95	96	3.12	0.16	0.17
R2BD1S	A	69	18	90		4.19	0.23	
	B	41	20	100		3.54	0.18	
	C	4	20	100		2.70	0.14	
	D	2	20	100		2.94	0.15	
	E	30	19	95	97	3.32	0.17	0.17
R2AD1S	A	26	19	95		3.35	0.18	
	B	62	17	85		3.21	0.19	
	C	64	18	90		2.99	0.17	
	D	55	17	85		0.15	0.01	
	E	1	18	90	89	2.77	0.15	0.14
R2AM2S	A	46	17	85		2.89	0.17	
	B	25	19	95		2.87	0.15	
	C	77	17	85		3.93	0.23	
	D	27	20	100		3.75	0.19	
	E	29	20	100	93	2.72	0.14	0.18
R2BM1S	A	70	19	95		4.28	0.23	
	B	6	20	100		3.13	0.16	
	C	31	20	100		3.55	0.18	
	D	59	18	90		3.08	0.17	
	E	65	20	100	97	2.96	0.15	0.18
R2CM1S	A	74	18	90		3.93	0.22	
	B	43	20	100		3.96	0.20	
	C	36	15	75		1.72	0.11	
	D	24	17	85		2.81	0.17	
	E	12	19	95	89	3.33	0.18	0.17
R2AU1S	A	56	19	95		4.05	0.21	
	B	67	19	95		3.37	0.18	
	C	61	20	100		3.20	0.16	
	D	3	20	100		7.42	0.37	

	E	14	20	100	98	3.04	0.15	0.21

Site	Rep	Rand #	# Alive	% Survival	Mean % Survival	Total Weight (mg)	Weight per Org (mg)	Mean Wt. per Org (mg)
R2BU1S	A	16	19	95		2.62	0.14	
	B	23	18	90		3.23	0.18	
	C	11	19	95		4.94	0.26	
	D	10	18	90		4.20	0.23	
	E	28	18	90	92	3.23	0.18	0.20
R2AM1S	A	42	16	80		2.42	0.15	
	B	75	20	100		3.17	0.16	
	C	13	18	90		2.94	0.16	
	D	20	19	95		2.52	0.13	
	E	48	20	100	93	3.89	0.19	0.16

AMEC - Sauget
Site R3
Hyalella Summary Results

Site	Rep	Rand #	# Alive	% Survival	Mean % Survival	Total Weight (mg)	Weight per Org (mg)	Mean Wt. per Org (mg)
CONTROL	A	40	18	90		3.06	0.17	
Beach Sand	B	38	20	100		3.23	0.16	
	C	22	20	100		4.09	0.20	
	D	66	19	95		3.02	0.16	
	E	19	19	95	96	3.12	0.16	0.17
R3AM1S	A	57	20	100		2.71	0.14	
	B	7	20	100		4.24	0.21	
	C	15	20	100		2.77	0.14	
	D	34	19	95		3.55	0.19	
	E	60	20	100	99	3.60	0.18	0.17
R3AD1S	A	54	20	100		3.04	0.15	
	B	53	19	95		2.92	0.15	
	C	37	18	90		3.30	0.18	
	D	72	19	95		2.87	0.15	
	E	33	20	100	96	3.62	0.18	0.16
R3BD1S	A	21	20	100		3.58	0.18	
	B	45	20	100		3.94	0.20	
	C	71	15	75		2.20	0.15	
	D	39	20	100		3.91	0.20	
	E	50	20	100	95	3.02	0.15	0.17
R3BM1S	A	17	20	100		3.16	0.16	
	B	18	20	100		3.50	0.18	
	C	63	20	100		3.56	0.18	
	D	68	17	85		3.78	0.22	
	E	32	19	95	96	2.94	0.15	0.18
R3CM1S	A	49	18	90		2.97	0.16	
	B	5	19	95		3.80	0.20	
	C	51	19	95		2.75	0.14	
	D	58	18	90		3.35	0.19	
	E	35	19	95	93	2.76	0.15	0.17
R3AU1S	A	78	19	95		2.04	0.11	
	B	9	19	95		4.21	0.22	
	C	76	20	100		3.19	0.16	
	D	80	20	100		3.37	0.17	

	E	8	19	95	97	3.49	0.18	0.17

Site	Rep	Rand #	# Alive	% Survival	Mean % Survival	Total Weight (mg)	Weight per Org (mg)	Mean Wt. per Org (mg)
R3BU1S	A	73	20	100		2.94	0.15	
	B	47	14	70		1.27	0.09	
	C	44	20	100		3.18	0.16	
	D	79	20	100		4.02	0.20	
	E	52	20	100	94	3.94	0.20	0.16

AMEC - Sauget
Site R4
Hyalella Summary Results

Site	Rep	Rand #	# Alive	% Survival	Mean % Survival	Total Weight (mg)	Weight per Org (mg)	Mean Wt. per Org (mg)
CONTROL	A	51	19	95		4.49	0.24	
Beach Sand	B	49	20	100		3.37	0.17	
	C	25	20	100		3.60	0.18	
	D	36	20	100		4.39	0.22	
	E	53	17	85	96	4.48	0.26	0.21
R4BD1S	A	39	19	95		4.95	0.26	
	B	65	20	100		5.05	0.25	
	C	9	19	95		4.92	0.26	
	D	42	19	95		3.65	0.19	
	E	66	20	100	97	4.61	0.23	0.24
R4AM1S	A	45	20	100		4.56	0.23	
	B	40	19	95		5.10	0.27	
	C	28	19	95		5.61	0.30	
	D	64	19	95		6.87	0.36	
	E	52	20	100	97	5.82	0.29	0.29
R4AD1S	A	3	19	95		4.02	0.21	
	B	61	19	95		4.05	0.21	
	C	54	20	100		4.41	0.22	
	D	70	20	100		5.18	0.26	
	E	27	19	95	97	5.64	0.30	0.24
R4CM2S	A	60	19	95		5.33	0.28	
	B	38	20	100		6.46	0.32	
	C	8	18	90		3.81	0.21	
	D	50	18	90		5.41	0.30	
	E	24	20	100	95	5.54	0.28	0.28
R4BM1S	A	2	20	100		5.46	0.27	
	B	68	20	100		4.74	0.24	
	C	13	20	100		4.76	0.24	
	D	48	20	100		4.30	0.21	
	E	32	20	100	100	5.11	0.26	0.24
R4AU1S	A	33	20	100		5.50	0.27	
	B	67	20	100		4.73	0.24	
	C	11	18	90		5.03	0.28	
	D	14	19	95		4.87	0.26	

	E	30	20	100	97	4.69	0.23	0.26

Site	Rep	Rand #	# Alive	% Survival	Mean % Survival	Total Weight (mg)	Weight per Org (mg)	Mean Wt. per Org (mg)
R4CM1S	A	62	17	85		3.74	0.22	
	B	21	20	100		5.12	0.26	
	C	31	19	95		5.68	0.30	
	D	29	20	100		5.77	0.29	
	E	47	19	95	95	4.17	0.22	0.26
R4BU1S	A	10	19	95		4.76	0.25	
	B	63	19	95		5.25	0.28	
	C	41	20	100		4.72	0.24	
	D	69	19	95		5.07	0.27	
	E	5	19	95	96	5.25	0.28	0.26

AMEC -Sauget
Site R5
Hyalella Summary Results

Site	Rep	Rand #	# Alive	% Survival	Mean % Survival	Total Weight (mg)	Weight per Org (mg)	Mean Wt. per Org (mg)
CONTROL	A	51	19	95		4.49	0.24	
Beach Sand	B	49	20	100		3.37	0.17	
	C	25	20	100		3.60	0.18	
	D	36	20	100		4.39	0.22	
	E	53	17	85	96	4.48	0.26	0.21
R5BM1S	A	55	19	95		5.66	0.30	
	B	34	20	100		5.32	0.27	
	C	56	19	95		5.07	0.27	
	D	22	20	100		5.46	0.27	
	E	26	20	100	98	5.16	0.26	0.27
R5CM1S	A	4	20	100		3.75	0.19	
	B	15	20	100		5.58	0.28	
	C	35	19	95		4.98	0.26	
	D	6	20	100		5.94	0.30	
	E	16	19	95	98	4.16	0.22	0.25
R5BU1S	A	7	20	100		4.04	0.20	
	B	23	17	85		4.47	0.26	
	C	43	20	100		4.13	0.21	
	D	44	19	95		5.13	0.27	
	E	58	18	90	94	4.99	0.28	0.24
R5BN1S	A	37	20	100		5.99	0.30	
	B	18	20	100		5.37	0.27	
	C	57	20	100		5.69	0.28	
	D	12	19	95		4.72	0.25	
	E	19	20	100	99	5.79	0.29	0.28
R5AN1S	A	46	19	95		4.78	0.25	
	B	17	20	100		5.77	0.29	
	C	1	18	90		4.63	0.26	
	D	20	20	100		4.85	0.24	
	E	59	20	100	97	5.11	0.26	0.26
R5AU1s	A	5	20	100		4.58	0.23	
	B	43	20	100		4.38	0.22	
	C	22	20	100		5.08	0.25	
	D	1	20	100		5.50	0.27	

	E	29	20	100	100	5.79	0.29	0.25

Site	Rep	Rand #	# Alive	% Survival	Mean % Survival	Total Weight (mg)	Weight per Org (mg)	Mean Wt. per Org (mg)
R5AM1s	A	47	20	100		4.14	0.21	
	B	18	18	90		4.43	0.25	
	C	25	20	100		4.92	0.25	
	D	17	20	100		4.77	0.24	
	E	44	18	90	96	3.55	0.20	0.23

AMEC - Sauget
Site R6
Hyalella Summary Results

Site	Rep	Rand #	# Alive	% Survival	Mean % Survival	Total Weight (mg)	Weight per Org (mg)	Mean Wt. per Org (mg)
CONTROL	A	6	20	100		4.45	0.22	
Beach Sand	B	20	20	100		3.49	0.17	
	C	15	20	100		3.75	0.19	
	D	38	20	100		3.29	0.16	
	E	31	19	95	99	4.96	0.26	0.20
R6AM1s	A	40	20	100		3.49	0.17	
	B	35	20	100		4.86	0.24	
	C	3	20	100		3.61	0.18	
	D	41	18	90		4.04	0.22	
	E	27	20	100	98	4.42	0.22	0.21
R6BM1s	A	36	19	95		5.00	0.26	
	B	34	20	100		5.04	0.25	
	C	23	20	100		5.41	0.27	
	D	50	19	95		4.45	0.23	
	E	11	20	100	98	4.57	0.23	0.25
R6CM1s	A	30	20	100		4.57	0.23	
	B	21	20	100		6.26	0.31	
	C	9	20	100		4.91	0.25	
	D	19	19	95		4.54	0.24	
	E	24	19	95	98	4.35	0.23	0.25
R6AM2s	A	14	19	95		3.86	0.20	
	B	42	20	100		5.06	0.25	
	C	33	20	100		5.07	0.25	
	D	12	19	95		4.35	0.23	
	E	28	15	75	93	3.86	0.26	0.24
R6AU1s	A	37	20	100		3.78	0.19	
	B	39	20	100		4.33	0.22	
	C	7	20	100		4.20	0.21	
	D	4	20	100		4.33	0.22	
	E	10	20	100	100	4.22	0.21	0.21
R6AD1s	A	45	20	100		4.57	0.23	
	B	16	19	95		4.59	0.24	
	C	13	20	100		4.68	0.23	
	D	49	20	100		4.31	0.22	

	E	46	19	95	98	4.32	0.23	0.23

Site	Rep	Rand #	# Alive	% Survival	Mean % Survival	Total Weight (mg)	Weight per Org (mg)	Mean Wt. per Org (mg)
R6BU1s	A	8	20	100		4.72	0.24	
	B	48	20	100		3.98	0.20	
	C	2	19	95		4.54	0.24	
	D	32	20	100		5.09	0.25	
	E	26	20	100	99	5.64	0.28	0.24

One-way Analysis of Variance

Analysis of Variance for R-1

Source	DF	SS	MS	F	P
R-1	8	955.6	119.5	2.50	0.029
Error	36	1719.9	47.8		
Total	44	2675.5			

```
                                   Individual 95% CIs For Mean
                                   Based on Pooled StDev
Level        N      Mean     StDev  ------+---------+---------+---------+
CONTROL      5    90.000     0.000                      (-------*------)
R1AD1S       5    84.832     7.077                (-------*-------)
R1AM1S       5    90.000     0.000                      (-------*------)
R1AU1S       5    84.832     7.077                (-------*-------)
R1BD1S       5    82.859    10.382              (-------*------)
R1BM1S       5    73.771     3.020  (-------*-------)
R1BM2S       5    83.729     8.806              (-------*------)
R1BU1S       5    87.416     5.778                  (-------*-------)
R1CM1S       5    82.626    10.097             (-------*-------)
                                   ------+---------+---------+---------+
Pooled StDev =    6.912               72.0      80.0      88.0      96.0
```

```
Dunnett's intervals for treatment mean minus control mean

    Family error rate = 0.0500
Individual error rate = 0.00841

Critical value = 2.79

Control = level (CONTROL) of R-1

Level        Lower    Center     Upper ----+---------+---------+---------+---
R1AD1S     -17.357    -5.168     7.021           (---------*---------)
R1AM1S     -12.189     0.000    12.189               (---------*---------)
```

```
R1AU1S      -17.357    -5.168     7.021          (---------*---------)
R1BD1S      -19.331    -7.141     5.048        (---------*---------)
R1BM1S      -28.418   -16.229    -4.040 (---------*---------)
R1BM2S      -18.460    -6.271     5.918          (---------*---------)
R1BU1S      -14.773    -2.584     9.605             (---------*---------)
R1CM1S      -19.563    -7.374     4.815        (---------*---------)
                                       ----+---------+---------+---------+---
                                         -24       -12         0        12
```

Tukey's pairwise comparisons

Family error rate = 0.0500
Individual error rate = 0.00222

Critical value = 4.66

Intervals for (column level mean) - (row level mean)

	CONTROL	R1AD1S	R1AM1S	R1AU1S	R1BD1S	R1BM1S
R1AD1S	-9.24 19.57					
R1AM1S	-14.40 14.40	-19.57 9.24				
R1AU1S	-9.24 19.57	-14.40 14.40	-9.24 19.57			
R1BD1S	-7.26 21.55	-12.43 16.38	-7.26 21.55	-12.43 16.38		
R1BM1S	1.82	-3.34	1.82	-3.34	-5.32	

	30.63	25.47	30.63	25.47	23.49	
R1BM2S	-8.13	-13.30	-8.13	-13.30	-15.27	-24.36
	20.68	15.51	20.68	15.51	13.53	4.45
R1BU1S	-11.82	-16.99	-11.82	-16.99	-18.96	-28.05
	16.99	11.82	16.99	11.82	9.85	0.76
R1CM1S	-7.03	-12.20	-7.03	-12.20	-14.17	-23.26
	21.78	16.61	21.78	16.61	14.64	5.55

	R1BM2S	R1BU1S
R1BU1S	-18.09	
	10.72	
R1CM1S	-13.30	-9.61
	15.51	19.19

One-way Analysis of Variance

Analysis of Variance for R-2

Source	DF	SS	MS	F	P
R-2	8	1048.3	131.0	1.70	0.133
Error	36	2777.7	77.2		
Total	44	3826.0			

```
                                   Individual 95% CIs For Mean
                                   Based on Pooled StDev
Level        N      Mean     StDev  --------+---------+---------+--------
CONTROL      5    81.145     8.391             (-------*-------)
R2AD1S       5    70.927     4.069   (-------*-------)
R2AM1S       5    78.416    11.635           (-------*-------)
R2AM2S       5    78.301    11.414           (-------*-------)
R2AU1S       5    84.832     7.077                   (-------*-------)
R2BD1S       5    83.729     8.806                 (-------*-------)
R2BM1S       5    83.729     8.806                 (-------*-------)
R2BU1S       5    73.771     3.020      (-------*-------)
R2CM1S       5    73.172    11.292     (-------*-------)
                                   --------+---------+---------+--------
Pooled StDev =    8.784                   70        80        90
```

Dunnett's intervals for treatment mean minus control mean

```
    Family error rate = 0.0500
Individual error rate = 0.00841

Critical value = 2.79

Control = level (CONTROL) of R-2

Level        Lower    Center     Upper --+---------+---------+---------+-----
```

```
R2AD1S     -25.708   -10.217     5.273  (-----------*-----------)
R2AM1S     -18.219    -2.729    12.762        (-----------*-----------)
R2AM2S     -18.334    -2.843    12.647        (-----------*-----------)
R2AU1S     -11.803     3.687    19.177             (-----------*-----------)
R2BD1S     -12.906     2.584    18.075            (-----------*-----------)
R2BM1S     -12.906     2.584    18.075            (-----------*-----------)
R2BU1S     -22.864    -7.374     8.117    (-----------*-----------)
R2CM1S     -23.464    -7.973     7.517   (-----------*-----------)
                                       --+---------+---------+---------+-----
                                       -24       -12         0        12
```

Tukey's pairwise comparisons

```
    Family error rate = 0.0500
Individual error rate = 0.00222

Critical value = 4.66

Intervals for (column level mean) - (row level mean)

           CONTROL     R2AD1S      R2AM1S      R2AM2S      R2AU1S      R2BD1S

 R2AD1S      -8.09
             28.52

 R2AM1S     -15.58      -25.79
             21.03       10.82

 R2AM2S     -15.46      -25.68      -18.19
             21.15       10.93       18.42

 R2AU1S     -21.99      -32.21      -24.72      -24.84
             14.62        4.40       11.89       11.78
```

R2BD1S	-20.89	-31.11	-23.62	-23.73	-17.20	
	15.72	5.50	12.99	12.88	19.41	
R2BM1S	-20.89	-31.11	-23.62	-23.73	-17.20	-18.31
	15.72	5.50	12.99	12.88	19.41	18.31
R2BU1S	-10.93	-21.15	-13.66	-13.78	-7.25	-8.35
	25.68	15.46	22.95	22.84	29.37	28.26
R2CM1S	-10.33	-20.55	-13.06	-13.18	-6.65	-7.75
	26.28	16.06	23.55	23.44	29.97	28.86

	R2BM1S	R2BU1S
R2BU1S	-8.35	
	28.26	
R2CM1S	-7.75	-17.71
	28.86	18.91

One-way Analysis of Variance

Analysis of Variance for R-3

Source	DF	SS	MS	F	P
R-3	7	440.4	62.9	0.68	0.689
Error	32	2967.3	92.7		
Total	39	3407.7			

```
                                  Individual 95% CIs For Mean
                                  Based on Pooled StDev
Level        N      Mean     StDev  ----+---------+---------+---------+--
CONTROL      5    81.145     8.391        (--------*--------)
R3AD1S       5    81.145     8.391        (--------*--------)
R3AM1S       5    87.416     5.778                (-------*--------)
R3AU1S       5    82.247     7.077         (--------*--------)
R3BD1S       5    84.000    13.416           (--------*--------)
R3BM1S       5    82.859    10.382          (--------*--------)
R3BU1S       5    83.358    14.852           (-------*--------)
R3CM1S       5    74.873     3.020  (--------*--------)
                                     ----+---------+---------+---------+--
Pooled StDev =    9.629                 70        80        90       100
```

Dunnett's intervals for treatment mean minus control mean

```
    Family error rate = 0.0500
Individual error rate = 0.00944

Critical value = 2.76

Control = level (CONTROL) of R-3

Level        Lower    Center     Upper ------+---------+---------+---------+-
R3AD1S     -16.820     0.000    16.820      (----------*----------)
R3AM1S     -10.549     6.271    23.091          (----------*----------)
R3AU1S     -15.717     1.103    17.923       (----------*----------)
```

```
R3BD1S     -13.965     2.855    19.675        (----------*----------)
R3BM1S     -15.106     1.714    18.534       (----------*----------)
R3BU1S     -14.607     2.213    19.033       (----------*----------)
R3CM1S     -23.091    -6.271    10.549  (----------*----------)
                                        ------+---------+---------+---------+-
                                            -15         0        15        30
```

Tukey's pairwise comparisons

```
    Family error rate = 0.0500
Individual error rate = 0.00280

Critical value = 4.58
```

Intervals for (column level mean) - (row level mean)

	CONTROL	R3AD1S	R3AM1S	R3AU1S	R3BD1S	R3BM1S
R3AD1S	-19.72 19.72					
R3AM1S	-25.99 13.45	-25.99 13.45				
R3AU1S	-20.83 18.62	-20.83 18.62	-14.56 24.89			
R3BD1S	-22.58 16.87	-22.58 16.87	-16.31 23.14	-21.48 17.97		
R3BM1S	-21.44 18.01	-21.44 18.01	-15.17 24.28	-20.33 19.11	-18.58 20.86	

R3BU1S	-21.94	-21.94	-15.67	-20.83	-19.08	-20.22
	17.51	17.51	23.78	18.61	20.37	19.22
R3CM1S	-13.45	-13.45	-7.18	-12.35	-10.60	-11.74
	25.99	25.99	32.27	27.10	28.85	27.71

	R3BU1S
R3CM1S	-11.24
	28.21

One-way Analysis of Variance

Analysis of Variance for R-4

Source	DF	SS	MS	F	P
R-4	8	385.3	48.2	0.79	0.618
Error	36	2206.9	61.3		
Total	44	2592.2			

```
                                   Individual 95% CIs For Mean
                                   Based on Pooled StDev
Level        N      Mean     StDev -------+---------+---------+---------
CONTROL      5    82.859    10.382       (---------*----------)
R4AD1S       5    82.247     7.077      (---------*----------)
R4AM1S       5    82.247     7.077      (---------*----------)
R4AU1S       5    83.729     8.806        (----------*---------)
R4BD1S       5    82.247     7.077      (---------*----------)
R4BM1S       5    90.000     0.000                 (----------*---------)
R4BU1S       5    79.663     5.778   (---------*---------)
R4CM1S       5    80.274     9.749    (---------*---------)
R4CM2S       5    80.042     9.365   (---------*---------)
                                   -------+---------+---------+---------
Pooled StDev =    7.830                 77.0      84.0      91.0
```

Dunnett's intervals for treatment mean minus control mean

```
    Family error rate = 0.0500
Individual error rate = 0.00841

Critical value = 2.79

Control = level (CONTROL) of R-4

Level        Lower    Center     Upper --------+---------+---------+---------
R4AD1S     -14.419    -0.611    13.196      (------------*------------)
```

```
R4AM1S     -14.419    -0.611    13.196     (------------*-------------)
R4AU1S     -12.937     0.870    14.678      (-------------*-------------)
R4BD1S     -14.419    -0.611    13.196     (------------*-------------)
R4BM1S      -6.666     7.141    20.949            (-------------*-------------)
R4BU1S     -17.003    -3.195    10.612  (-------------*-------------)
R4CM1S     -16.392    -2.584    11.223   (------------*-------------)
R4CM2S     -16.624    -2.817    10.991  (-------------*-------------)
                                        --------+---------+---------+---------
                                              -10         0        10
```

Tukey's pairwise comparisons

```
    Family error rate = 0.0500
Individual error rate = 0.00222

Critical value = 4.66

Intervals for (column level mean) - (row level mean)

           CONTROL     R4AD1S      R4AM1S      R4AU1S      R4BD1S      R4BM1S

 R4AD1S      -15.71
              16.93

 R4AM1S      -15.71      -16.32
              16.93       16.32

 R4AU1S      -17.19      -17.80      -17.80
              15.45       14.84       14.84

 R4BD1S      -15.71      -16.32      -16.32      -14.84
              16.93       16.32       16.32       17.80
```

R4BM1S	-23.46	-24.07	-24.07	-22.59	-24.07	
	9.18	8.56	8.56	10.05	8.56	
R4BU1S	-13.12	-13.73	-13.73	-12.25	-13.73	-5.98
	19.51	18.90	18.90	20.38	18.90	26.65
R4CM1S	-13.73	-14.34	-14.34	-12.86	-14.34	-6.59
	18.90	18.29	18.29	19.77	18.29	26.04
R4CM2S	-13.50	-14.11	-14.11	-12.63	-14.11	-6.36
	19.13	18.52	18.52	20.00	18.52	26.28

	R4BU1S	R4CM1S
R4CM1S	-16.93	
	15.71	
R4CM2S	-16.70	-16.08
	15.94	16.55

One-way Analysis of Variance

Analysis of Variance for R-5

Source	DF	SS	MS	F	P
R-5	7	370.6	52.9	0.80	0.595
Error	32	2123.1	66.3		
Total	39	2493.8			

```
                                  Individual 95% CIs For Mean
                                  Based on Pooled StDev
Level        N      Mean     StDev  --------+---------+---------+--------
CONTROL      5    82.859    10.382        (---------*----------)
R5AM1s       5    82.626    10.097       (----------*----------)
R5AN1S       5    83.729     8.806         (----------*---------)
R5AU1s       5    90.000     0.000                  (----------*---------)
R5BM1S       5    84.832     7.077           (---------*----------)
R5BN1S       5    87.416     5.778              (----------*---------)
R5BU1S       5    79.172    10.485   (---------*----------)
R5CM1S       5    84.832     7.077           (---------*----------)
                                  --------+---------+---------+--------
Pooled StDev =    8.145                 77.0      84.0      91.0
```

Dunnett's intervals for treatment mean minus control mean

```
    Family error rate = 0.0500
Individual error rate = 0.00944

Critical value = 2.76

Control = level (CONTROL) of R-5

Level        Lower    Center     Upper -----+---------+---------+---------+--
R5AM1s     -14.460    -0.232    13.995    (-----------*-----------)
R5AN1S     -13.357     0.870    15.098     (-----------*-----------)
```

```
R5AU1s      -7.086     7.141    21.369          (-----------*-----------)
R5BM1S     -12.255     1.973    16.201      (-----------*-----------)
R5BN1S      -9.670     4.557    18.785        (-----------*-----------)
R5BU1S     -17.915    -3.687    10.541 (-----------*-----------)
R5CM1S     -12.255     1.973    16.201      (-----------*-----------)
                                       -----+---------+---------+---------+--
                                          -12         0        12        24
```

Tukey's pairwise comparisons

Family error rate = 0.0500
Individual error rate = 0.00280

Critical value = 4.58

Intervals for (column level mean) - (row level mean)

	CONTROL	R5AM1s	R5AN1S	R5AU1s	R5BM1S	R5BN1S
R5AM1s	-16.45 16.92					
R5AN1S	-17.55 15.81	-17.79 15.58				
R5AU1s	-23.83 9.54	-24.06 9.31	-22.95 10.41			
R5BM1S	-18.66 14.71	-18.89 14.48	-17.79 15.58	-11.52 21.85		
R5BN1S	-21.24 12.13	-21.47 11.89	-20.37 13.00	-14.10 19.27	-19.27 14.10	

R5BU1S	-13.00	-13.23	-12.13	-5.86	-11.02	-8.44
	20.37	20.14	21.24	27.51	22.34	24.93
R5CM1S	-18.66	-18.89	-17.79	-11.52	-16.68	-14.10
	14.71	14.48	15.58	21.85	16.68	19.27

	R5BU1S
R5CM1S	-22.34
	11.02

One-way Analysis of Variance

Analysis of Variance for R-6

Source	DF	SS	MS	F	P
R-6	7	370.2	52.9	0.97	0.472
Error	32	1750.3	54.7		
Total	39	2120.4			

```
                                   Individual 95% CIs For Mean
                                   Based on Pooled StDev
Level        N      Mean     StDev  --------+---------+---------+---------
CONTROL      5    87.416     5.778              (---------*---------)
R6AD1s       5    84.832     7.077           (--------*---------)
R6AM1s       5    86.313     8.244             (--------*---------)
R6AM2s       5    78.832    12.352   (---------*--------)
R6AU1s       5    90.000     0.000                  (---------*--------)
R6BM1s       5    84.832     7.077           (--------*---------)
R6BU1s       5    87.416     5.778              (---------*---------)
R6CM1s       5    84.832     7.077           (--------*---------)
                                   --------+---------+---------+---------
Pooled StDev =    7.396                 77.0      84.0      91.0
```

Dunnett's intervals for treatment mean minus control mean

Family error rate = 0.0500
Individual error rate = 0.00944

Critical value = 2.76

Control = level (CONTROL) of R-6

```
Level        Lower    Center     Upper --+---------+---------+---------+-----
R6AD1s     -15.502    -2.584    10.334       (------------*------------)
R6AM1s     -14.021    -1.103    11.815         (------------*------------)
```

```
R6AM2s     -21.502    -8.584     4.334 (------------*------------)
R6AU1s     -10.334     2.584    15.502             (------------*------------)
R6BM1s     -15.502    -2.584    10.334       (------------*------------)
R6BU1s     -12.918     0.000    12.918          (------------*------------)
R6CM1s     -15.502    -2.584    10.334       (------------*------------)
                                        --+---------+---------+---------+-----
                                        -20       -10         0        10
```

Tukey's pairwise comparisons

Family error rate = 0.0500
Individual error rate = 0.00280

Critical value = 4.58

Intervals for (column level mean) - (row level mean)

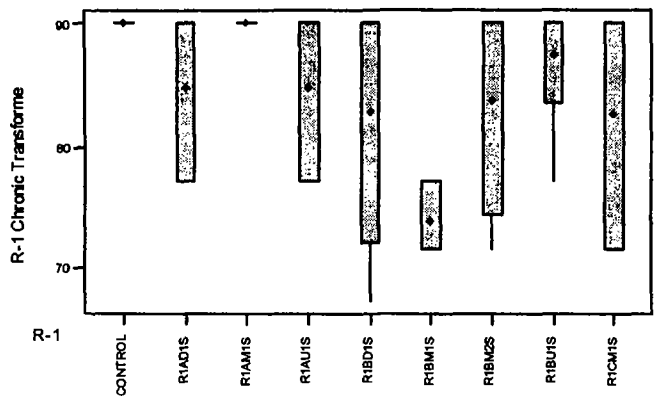
	CONTROL	R6AD1s	R6AM1s	R6AM2s	R6AU1s	R6BM1s
R6AD1s	-12.56 17.73					
R6AM1s	-14.05 16.25	-16.63 13.67				
R6AM2s	-6.56 23.73	-9.15 21.15	-7.67 22.63			
R6AU1s	-17.73 12.56	-20.32 9.98	-18.84 11.46	-26.32 3.98		
R6BM1s	-12.56 17.73	-15.15 15.15	-13.67 16.63	-21.15 9.15	-9.98 20.32	

R6BU1s	-15.15	-17.73	-16.25	-23.73	-12.56	-17.73
	15.15	12.56	14.05	6.56	17.73	12.56
R6CM1s	-12.56	-15.15	-13.67	-21.15	-9.98	-15.15
	17.73	15.15	16.63	9.15	20.32	15.15

	R6BU1s
R6CM1s	-12.56
	17.73

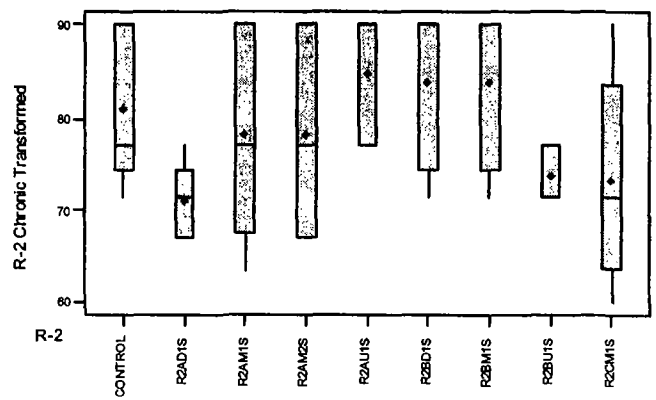
Boxplots of R-1 Hyalella Survival

(means are indicated by solid circles)



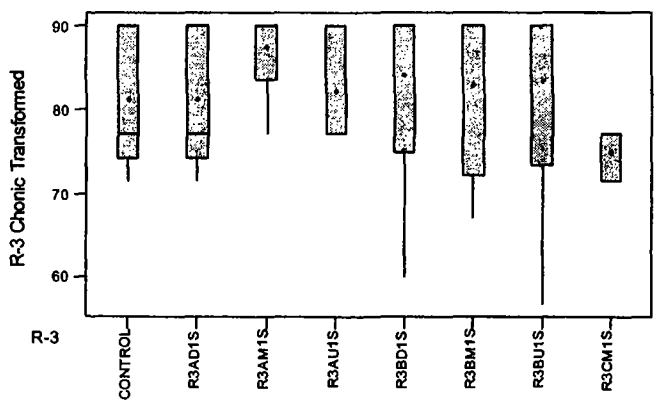
Boxplots of R-2 Hyalella Survival

(means are indicated by solid circles)



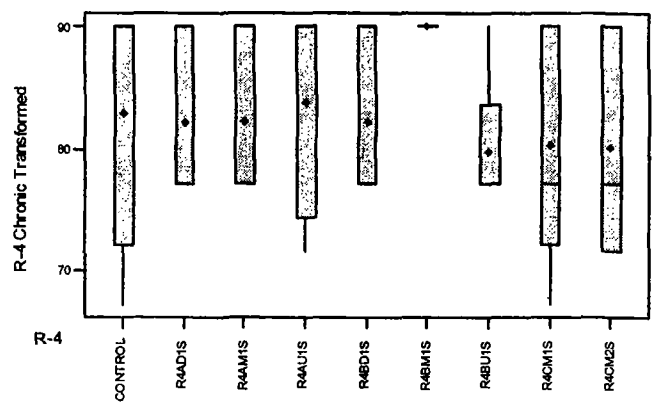
Boxplots of R-3 Hyalella Survival

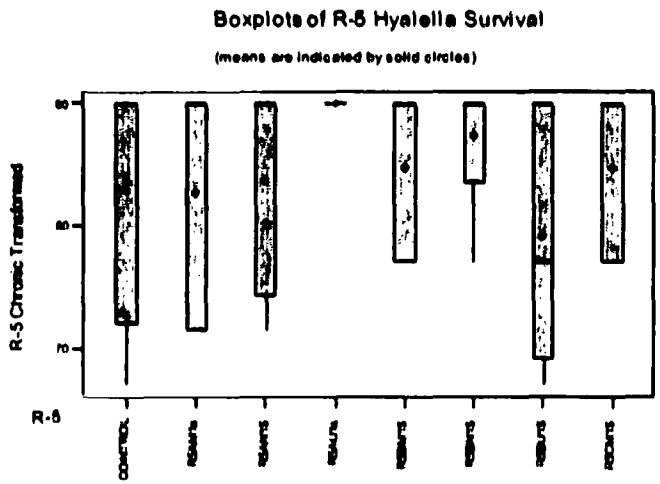
(means are indicated by solid circles)

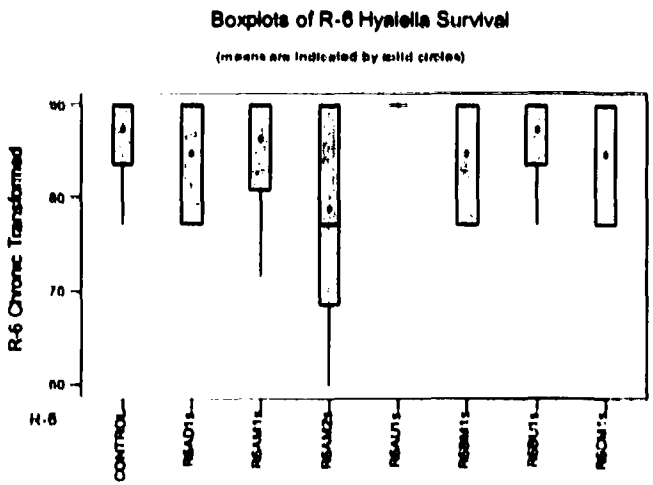


Boxplots of R-4 Hyalella Survival

(means are indicated by solid circles)




Boxplots of R-5 Hyalella Survival
(means are indicated by solid circles)
R-5 Chronic Transformed
R-5
CONTROL
R5AR1s
R5AR2s
R5AU1s
R5BR1s
R5BR2s
R5BU1s
R5CR1s


Boxplots of R-6 Hyalella Survival
(means are indicated by solid circles)
R-6 Chronic Transformed
R-6
CONTROL
R6AD1s
R6AU1s
R6AU2s
R6AU3s
R6BR1s
R6BU1s
R6CR1s

******HYALELLA AZTECA GROWTH ANALYSIS**********

One-way Analysis of Variance

Analysis of Variance for R-1 Weig

Source	DF	SS	MS	F	P
R-1	8	0.005938	0.000742	0.83	0.585
Error	36	0.032320	0.000898		
Total	44	0.038258			

```
                                  Individual 95% CIs For Mean
                                  Based on Pooled StDev
Level        N      Mean     StDev  --+---------+---------+---------+----
CONTROL      5   0.14800   0.03114  (----------*----------)
R1AD1S       5   0.15000   0.01871   (----------*----------)
R1AM1S       5   0.15800   0.02168      (----------*----------)
R1AU1S       5   0.18600   0.03782                  (---------*----------)
R1BD1S       5   0.16800   0.04658          (----------*----------)
R1BM1S       5   0.16800   0.02168          (----------*----------)
R1BM2S       5   0.15800   0.03347      (----------*----------)
R1BU1S       5   0.17600   0.02302              (---------*----------)
R1CM1S       5   0.16200   0.02387        (----------*----------)
                                  --+---------+---------+---------+----
Pooled StDev =  0.02996           0.125     0.150     0.175     0.200
```

Dunnett's intervals for treatment mean minus control mean

Family error rate = 0.0500
Individual error rate = 0.00841

Critical value = 2.79

Control = level (CONTROL) of R-1

```
Level        Lower    Center     Upper ---+---------+---------+---------+----
R1AD1S     -0.05084   0.00200   0.05484 (-------------*------------)
R1AM1S     -0.04284   0.01000   0.06284   (-------------*-------------)
R1AU1S     -0.01484   0.03800   0.09084           (------------*-------------)
R1BD1S     -0.03284   0.02000   0.07284       (------------*------------)
R1BM1S     -0.03284   0.02000   0.07284       (------------*------------)
R1BM2S     -0.04284   0.01000   0.06284   (------------*-------------)
R1BU1S     -0.02484   0.02800   0.08084         (------------*------------)
R1CM1S     -0.03884   0.01400   0.06684    (------------*-------------)
                                         ---+---------+---------+---------+----
                                         -0.040     0.000     0.040     0.080
```

Tukey's pairwise comparisons

Family error rate = 0.0500
Individual error rate = 0.00222

Critical value = 4.66

Intervals for (column level mean) - (row level mean)

	CONTROL	R1AD1S	R1AM1S	R1AU1S	R1BD1S	R1BM1S
R1AD1S	-0.06444 0.06044					
R1AM1S	-0.07244 0.05244	-0.07044 0.05444				
R1AU1S	-0.10044 0.02444	-0.09844 0.02644	-0.09044 0.03444			
R1BD1S	-0.08244	-0.08044	-0.07244	-0.04444		

	0.04244	0.04444	0.05244	0.08044		
R1BM1S	-0.08244	-0.08044	-0.07244	-0.04444	-0.06244	
	0.04244	0.04444	0.05244	0.08044	0.06244	
R1BM2S	-0.07244	-0.07044	-0.06244	-0.03444	-0.05244	-0.05244
	0.05244	0.05444	0.06244	0.09044	0.07244	0.07244
R1BU1S	-0.09044	-0.08844	-0.08044	-0.05244	-0.07044	-0.07044
	0.03444	0.03644	0.04444	0.07244	0.05444	0.05444
R1CM1S	-0.07644	-0.07444	-0.06644	-0.03844	-0.05644	-0.05644
	0.04844	0.05044	0.05844	0.08644	0.06844	0.06844

	R1BM2S	R1BU1S
R1BU1S	-0.08044	
	0.04444	
R1CM1S	-0.06644	-0.04844
	0.05844	0.07644

One-way Analysis of Variance

Analysis of Variance for R-2 Weig

Source	DF	SS	MS	F	P
R-2	8	0.01796	0.00225	0.93	0.507
Error	36	0.08732	0.00243		
Total	44	0.10528			

```
                                  Individual 95% CIs For Mean
                                  Based on Pooled StDev
Level        N      Mean     StDev  -+---------+---------+---------+-----
CONTROL      5   0.17000   0.01732        (--------*--------)
R2AD1S       5   0.14000   0.07416  (--------*--------)
R2AM1S       5   0.15800   0.02168      (--------*--------)
R2AM2S       5   0.17600   0.03578         (--------*--------)
R2AU1S       5   0.21400   0.09017                 (--------*--------)
R2BD1S       5   0.17400   0.03507         (--------*--------)
R2BM1S       5   0.17800   0.03114          (--------*--------)
R2BU1S       5   0.19800   0.04712              (--------*--------)
R2CM1S       5   0.17600   0.04159         (--------*--------)
                                  -+---------+---------+---------+-----
Pooled StDev =  0.04925           0.100     0.150     0.200     0.250

Dunnett's intervals for treatment mean minus control mean

    Family error rate = 0.0500
Individual error rate = 0.00841

Critical value = 2.79

Control = level (CONTROL) of R-2

Level        Lower    Center     Upper -------+---------+---------+---------+
R2AD1S    -0.11685  -0.03000   0.05685 (-----------*-----------)
R2AM1S    -0.09885  -0.01200   0.07485    (-----------*-----------)
```

```
R2AM2S    -0.08085   0.00600   0.09285      (------------*-----------)
R2AU1S    -0.04285   0.04400   0.13085            (-----------*------------)
R2BD1S    -0.08285   0.00400   0.09085      (------------*-----------)
R2BM1S    -0.07885   0.00800   0.09485       (-----------*------------)
R2BU1S    -0.05885   0.02800   0.11485          (-----------*-----------)
R2CM1S    -0.08085   0.00600   0.09285      (------------*-----------)
                                         -------+---------+---------+---------+
                                             -0.070     0.000     0.070     0.140
```

Tukey's pairwise comparisons

Family error rate = 0.0500
Individual error rate = 0.00222

Critical value = 4.66

Intervals for (column level mean) - (row level mean)

	CONTROL	R2AD1S	R2AM1S	R2AM2S	R2AU1S	R2BD1S
R2AD1S	-0.07264 0.13264					
R2AM1S	-0.09064 0.11464	-0.12064 0.08464				
R2AM2S	-0.10864 0.09664	-0.13864 0.06664	-0.12064 0.08464			
R2AU1S	-0.14664 0.05864	-0.17664 0.02864	-0.15864 0.04664	-0.14064 0.06464		
R2BD1S	-0.10664 0.09864	-0.13664 0.06864	-0.11864 0.08664	-0.10064 0.10464	-0.06264 0.14264	

R2BM1S	-0.11064	-0.14064	-0.12264	-0.10464	-0.06664	-0.10664
	0.09464	0.06464	0.08264	0.10064	0.13864	0.09864
R2BU1S	-0.13064	-0.16064	-0.14264	-0.12464	-0.08664	-0.12664
	0.07464	0.04464	0.06264	0.08064	0.11864	0.07864
R2CM1S	-0.10864	-0.13864	-0.12064	-0.10264	-0.06464	-0.10464
	0.09664	0.06664	0.08464	0.10264	0.14064	0.10064

	R2BM1S	R2BU1S
R2BU1S	-0.12264	
	0.08264	
R2CM1S	-0.10064	-0.08064
	0.10464	0.12464

One-way Analysis of Variance

Analysis of Variance for R-3 Weig

Source	DF	SS	MS	F	P
R-3	7	0.001358	0.000194	0.22	0.979
Error	32	0.028720	0.000897		
Total	39	0.030078			

```
                                  Individual 95% CIs For Mean
                                  Based on Pooled StDev
Level        N      Mean     StDev  ----+---------+---------+---------+--
CONTROL      5   0.17000   0.01732       (-------------*-------------)
R3AD1S       5   0.16200   0.01643    (-------------*-------------)
R3AM1S       5   0.17200   0.03114        (-------------*-------------)
R3AU1S       5   0.16800   0.03962      (-------------*-------------)
R3BD1S       5   0.17600   0.02510          (-------------*-------------)
R3BM1S       5   0.17800   0.02683           (-------------*-------------)
R3BU1S       5   0.16000   0.04528    (-------------*-------------)
R3CM1S       5   0.16800   0.02588      (-------------*-------------)
                                     ----+---------+---------+---------+--
Pooled StDev =  0.02996                0.140     0.160     0.180     0.200
```

Dunnett's intervals for treatment mean minus control mean

```
    Family error rate = 0.0500
Individual error rate = 0.00944

Critical value = 2.76

Control = level (CONTROL) of R-3

Level        Lower    Center     Upper --------+---------+---------+---------
R3AD1S    -0.06033  -0.00800   0.04433  (--------------*--------------)
R3AM1S    -0.05033   0.00200   0.05433     (--------------*--------------)
R3AU1S    -0.05433  -0.00200   0.05033   (--------------*--------------)
```

```
R3BD1S    -0.04633   0.00600   0.05833      (--------------*--------------)
R3BM1S    -0.04433   0.00800   0.06033      (--------------*--------------)
R3BU1S    -0.06233  -0.01000   0.04233 (--------------*--------------)
R3CM1S    -0.05433  -0.00200   0.05033   (--------------*--------------)
                                       --------+---------+---------+---------
                                            -0.035     0.000     0.035
```

Tukey's pairwise comparisons

Family error rate = 0.0500
Individual error rate = 0.00280

Critical value = 4.58

Intervals for (column level mean) - (row level mean)

	CONTROL	R3AD1S	R3AM1S	R3AU1S	R3BD1S	R3BM1S
R3AD1S	-0.05336 0.06936					
R3AM1S	-0.06336 0.05936	-0.07136 0.05136				
R3AU1S	-0.05936 0.06336	-0.06736 0.05536	-0.05736 0.06536			
R3BD1S	-0.06736 0.05536	-0.07536 0.04736	-0.06536 0.05736	-0.06936 0.05336		
R3BM1S	-0.06936 0.05336	-0.07736 0.04536	-0.06736 0.05536	-0.07136 0.05136	-0.06336 0.05936	
R3BU1S	-0.05136	-0.05936	-0.04936	-0.05336	-0.04536	-0.04336

	0.07136	0.06336	0.07336	0.06936	0.07736	0.07936
R3CM1S	-0.05936	-0.06736	-0.05736	-0.06136	-0.05336	-0.05136
	0.06336	0.05536	0.06536	0.06136	0.06936	0.07136

	R3BU1S
R3CM1S	-0.06936
	0.05336

One-way Analysis of Variance

Analysis of Variance for R-4 Weig

Source	DF	SS	MS	F	P
R-4	8	0.02071	0.00259	2.20	0.051
Error	36	0.04232	0.00118		
Total	44	0.06303			

Level	N	Mean	StDev
CONTROL	5	0.21400	0.03847
R4AD1S	5	0.24000	0.03937
R4AM1S	5	0.29000	0.04743
R4AU1S	5	0.25600	0.02074
R4BD1S	5	0.23800	0.02950
R4BM1S	5	0.24400	0.02302
R4BU1S	5	0.26400	0.01817
R4CM1S	5	0.25800	0.03768
R4CM2S	5	0.27800	0.04147

Pooled StDev = 0.03429

```
Individual 95% CIs For Mean
Based on Pooled StDev
-----+---------+---------+---------+-
 (-------*------)
       (-------*-------)
                    (-------*------)
           (-------*-------)
       (-------*------)
        (-------*-------)
             (-------*-------)
            (------*-------)
                 (-------*------)
-----+---------+---------+---------+-
   0.200     0.240     0.280     0.320
```

Dunnett's intervals for treatment mean minus control mean

Family error rate = 0.0500
Individual error rate = 0.00841

Critical value = 2.79

Control = level (CONTROL) of R-4

```
Level        Lower    Center     Upper --------+---------+---------+---------
R4AD1S    -0.03446   0.02600   0.08646  (-----------*-----------)
```

```
R4AM1S     0.01554   0.07600   0.13646            (-----------*-----------)
R4AU1S    -0.01846   0.04200   0.10246      (-----------*-----------)
R4BD1S    -0.03646   0.02400   0.08446  (-----------*-----------)
R4BM1S    -0.03046   0.03000   0.09046   (-----------*-----------)
R4BU1S    -0.01046   0.05000   0.11046       (-----------*-----------)
R4CM1S    -0.01646   0.04400   0.10446      (-----------*-----------)
R4CM2S     0.00354   0.06400   0.12446          (-----------*-----------)
                                       --------+---------+---------+---------
                                             0.000     0.050     0.100
```

Tukey's pairwise comparisons

```
    Family error rate = 0.0500
Individual error rate = 0.00222

Critical value = 4.66

Intervals for (column level mean) - (row level mean)

           CONTROL     R4AD1S      R4AM1S      R4AU1S      R4BD1S      R4BM1S

 R4AD1S     -0.09745
             0.04545

 R4AM1S     -0.14745    -0.12145
            -0.00455     0.02145

 R4AU1S     -0.11345    -0.08745    -0.03745
             0.02945     0.05545     0.10545

 R4BD1S     -0.09545    -0.06945    -0.01945    -0.05345
             0.04745     0.07345     0.12345     0.08945

 R4BM1S     -0.10145    -0.07545    -0.02545    -0.05945    -0.07745
```

	0.04145	0.06745	0.11745	0.08345	0.06545	
R4BU1S	-0.12145	-0.09545	-0.04545	-0.07945	-0.09745	-0.09145
	0.02145	0.04745	0.09745	0.06345	0.04545	0.05145
R4CM1S	-0.11545	-0.08945	-0.03945	-0.07345	-0.09145	-0.08545
	0.02745	0.05345	0.10345	0.06945	0.05145	0.05745
R4CM2S	-0.13545	-0.10945	-0.05945	-0.09345	-0.11145	-0.10545
	0.00745	0.03345	0.08345	0.04945	0.03145	0.03745

	R4BU1S	R4CM1S
R4CM1S	-0.06545	
	0.07745	
R4CM2S	-0.08545	-0.09145
	0.05745	0.05145

One-way Analysis of Variance

Analysis of Variance for R-5 Weig

Source	DF	SS	MS	F	P
R-5	7	0.015978	0.002283	2.56	0.033
Error	32	0.028520	0.000891		
Total	39	0.044498			

```
                                  Individual 95% CIs For Mean
                                  Based on Pooled StDev
Level        N      Mean     StDev  -------+---------+---------+---------
CONTROL      5   0.21400   0.03847  (-------*-------)
R5AM1s       5   0.23000   0.02345       (-------*------)
R5AN1S       5   0.26000   0.01871                (------*-------)
R5AU1s       5   0.25200   0.02864             (-------*-------)
R5BM1S       5   0.27400   0.01517                   (------*-------)
R5BN1S       5   0.27800   0.01924                    (------*-------)
R5BU1S       5   0.24400   0.03647           (-------*------)
R5CM1S       5   0.25000   0.04472             (------*-------)
                                  -------+---------+---------+---------
Pooled StDev =  0.02985                 0.210     0.245     0.280
```

Dunnett's intervals for treatment mean minus control mean

```
    Family error rate = 0.0500
Individual error rate = 0.00944

Critical value = 2.76

Control = level (CONTROL) of R-5

Level        Lower    Center     Upper --------+---------+---------+---------
R5AM1s     -0.03615   0.01600   0.06815  (---------*----------)
R5AN1S     -0.00615   0.04600   0.09815         (---------*----------)
```

```
R5AU1s     -0.01415   0.03800   0.09015      (----------*---------)
R5BM1S      0.00785   0.06000   0.11215           (    --*---------)
R5BN1S      0.01185   0.06400   0.11615           (----------*---------)
R5BU1S     -0.02215   0.03000   0.08215     (---------*---------)
R5CM1S     -0.01615   0.03600   0.08815      (---------*----------)
                                        --------+---------+---------+---------
                                              0.000     0.050     0.100
```

Tukey's pairwise comparisons

Family error rate = 0.0500
Individual error rate = 0.00280

Critical value = 4.58

Intervals for (column level mean) - (row level mean)

	CONTROL	R5AM1s	R5AN1S	R5AU1s	R5BM1S	R5BN1S
R5AM1s	-0.07715 0.04515					
R5AN1S	-0.10715 0.01515	-0.09115 0.03115				
R5AU1s	-0.09915 0.02315	-0.08315 0.03915	-0.05315 0.06915			
R5BM1S	-0.12115 0.00115	-0.10515 0.01715	-0.07515 0.04715	-0.08315 0.03915		
R5BN1S	-0.12515 -0.00285	-0.10915 0.01315	-0.07915 0.04315	-0.08715 0.03515	-0.06515 0.05715	

R5BU1S	-0.09115	-0.07515	-0.04515	-0.05315	-0.03115	-0.02715
	0.03115	0.04715	0.07715	0.06915	0.09115	0.09515
R5CM1S	-0.09715	-0.08115	-0.05115	-0.05915	-0.03715	-0.03315
	0.02515	0.04115	0.07115	0.06315	0.08515	0.08915

	R5BU1S
R5CM1S	-0.06715
	0.05515

One-way Analysis of Variance

```
Analysis of Variance for R-6 Weig
Source      DF        SS        MS        F        P
R-6          7  0.014338  0.002048     2.95    0.017
Error       32  0.022240  0.000695
Total       39  0.036578
                                   Individual 95% CIs For Mean
                                   Based on Pooled StDev
Level        N      Mean     StDev --+---------+---------+---------+----
CONTROL      5   0.20000   0.04062  (-------*-------)
R6AD1s       5   0.23000   0.00707            (-------*-------)
R6AM1s       5   0.20600   0.02966    (-------*-------)
R6AM2s       5   0.23800   0.02387              (-------*-------)
R6AU1s       5   0.21000   0.01225     (-------*-------)
R6BM1s       5   0.24800   0.01789                  (-------*-------)
R6BU1s       5   0.24200   0.02864                (-------*-------)
R6CM1s       5   0.25200   0.03347                  (-------*-------)
                                   --+---------+---------+---------+----
Pooled StDev =  0.02636            0.180     0.210     0.240     0.270

Dunnett's intervals for treatment mean minus control mean

    Family error rate = 0.0500
Individual error rate = 0.00944

Critical value = 2.76

Control = level (CONTROL) of R-6

Level        Lower    Center     Upper -+---------+---------+---------+------
R6AD1s     -0.01605   0.03000   0.07605        (----------*----------)
R6AM1s     -0.04005   0.00600   0.05205  (----------*----------)
R6AM2s     -0.00805   0.03800   0.08405          (----------*----------)
```

```
R6AU1s    -0.03605   0.01000   0.05605   (-----------*----------)
R6BM1s     0.00195   0.04800   0.09405             (-----------*-----------)
R6BU1s    -0.00405   0.04200   0.08805            (-----------*----------)
R6CM1s     0.00595   0.05200   0.09805              (-----------*-----------)
                                       -+---------+---------+---------+------
                                     -0.040     0.000     0.040     0.080
```

Tukey's pairwise comparisons

Family error rate = 0.0500
Individual error rate = 0.00280

Critical value = 4.58

Intervals for (column level mean) - (row level mean)

	CONTROL	R6AD1s	R6AM1s	R6AM2s	R6AU1s	R6BM1s
R6AD1s	-0.08400 0.02400					
R6AM1s	-0.06000 0.04800	-0.03000 0.07800				
R6AM2s	-0.09200 0.01600	-0.06200 0.04600	-0.08600 0.02200			
R6AU1s	-0.06400 0.04400	-0.03400 0.07400	-0.05800 0.05000	-0.02600 0.08200		
R6BM1s	-0.10200 0.00600	-0.07200 0.03600	-0.09600 0.01200	-0.06400 0.04400	-0.09200 0.01600	
R6BU1s	-0.09600	-0.06600	-0.09000	-0.05800	-0.08600	-0.04800

```
            0.01200     0.04200     0.01800     0.05000     0.02200     0.06000

R6CM1s     -0.10600    -0.07600    -0.10000    -0.06800    -0.09600    -0.05800
            0.00200     0.03200     0.00800     0.04000     0.01200     0.05000


          R6BU1s

R6CM1s     -0.06400
            0.04400
```

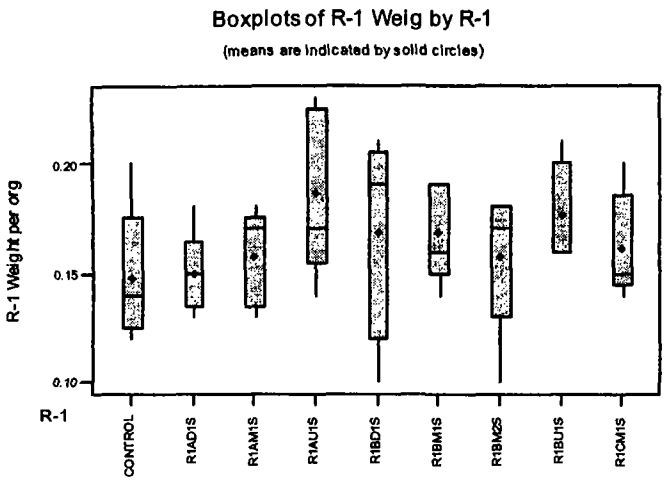
One-way Analysis of Variance

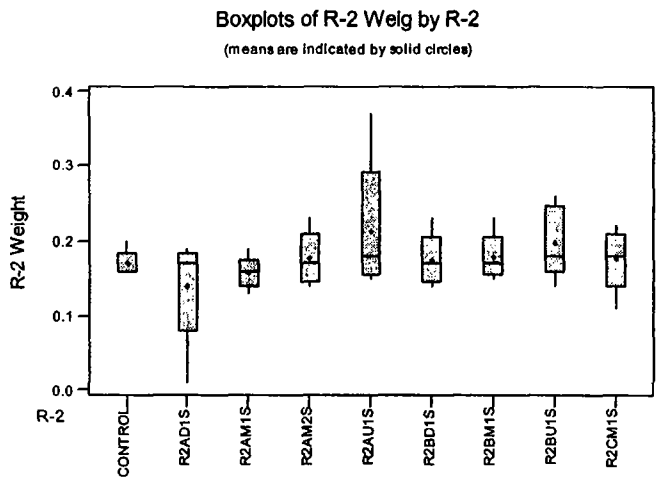
```
Analysis of Variance for R-6 Weig
Source      DF        SS        MS        F        P
R-6          7  0.014338  0.002048     2.95    0.017
Error       32  0.022240  0.000695
Total       39  0.036578
                                   Individual 95% CIs For Mean
                                   Based on Pooled StDev
Level       N      Mean     StDev  --+---------+---------+---------+----
CONTROL     5   0.20000   0.04062   (-------*-------)
R6AD1s      5   0.23000   0.00707             (-------*-------)
R6AM1s      5   0.20600   0.02966     (-------*-------)
R6AM2s      5   0.23800   0.02387               (-------*-------)
R6AU1s      5   0.21000   0.01225      (-------*-------)
R6BM1s      5   0.24800   0.01789                   (-------*-------)
R6BU1s      5   0.24200   0.02864                 (-------*-------)
R6CM1s      5   0.25200   0.03347                    (-------*-------)
                                   --+---------+---------+---------+----
Pooled StDev =  0.02636            0.180     0.210     0.240     0.270

Dunnett's intervals for treatment mean minus control mean
```

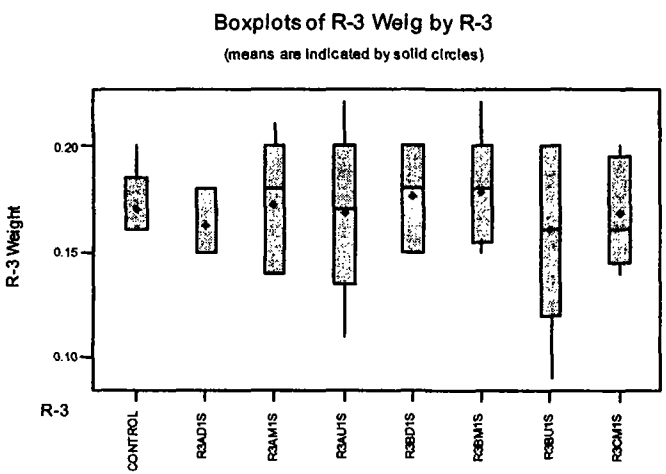
```
    Family error rate = 0.0500
Individual error rate = 0.00944

Critical value = 2.76

Control = level (CONTROL) of R-6

Level        Lower    Center     Upper -+---------+---------+---------+------
R6AD1s     -0.01605   0.03000   0.07605        (-----------*----------)
R6AM1s     -0.04005   0.00600   0.05205  (-----------*----------)
R6AM2s     -0.00805   0.03800   0.08405          (-----------*----------)
R6AU1s     -0.03605   0.01000   0.05605   (-----------*----------)
R6BM1s      0.00195   0.04800   0.09405            (-----------*-----------)
R6BU1s     -0.00405   0.04200   0.08805           (-----------*----------)
R6CM1s      0.00595   0.05200   0.09805             (-----------*-----------)
                                       -+---------+---------+---------+------
                                     -0.040     0.000     0.040     0.080


Tukey's pairwise comparisons

    Family error rate = 0.0500
Individual error rate = 0.00280

Critical value = 4.58

Intervals for (column level mean) - (row level mean)

           CONTROL     R6AD1s      R6AM1s      R6AM2s      R6AU1s      R6BM1s

 R6AD1s     -0.08400
             0.02400

 R6AM1s     -0.06000    -0.03000
```

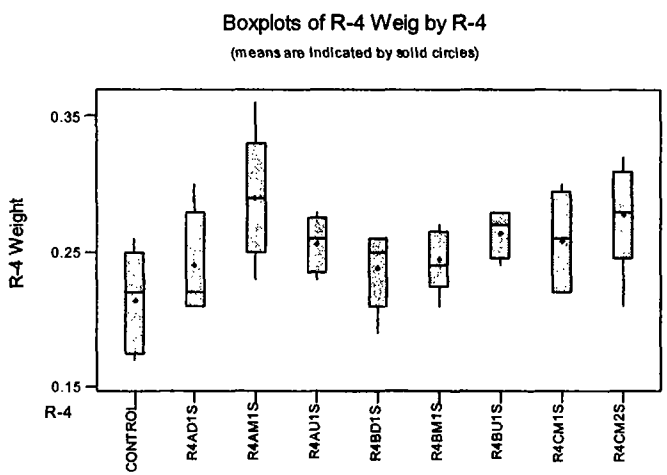
	0.04800	0.07800				
R6AM2s	-0.09200	-0.06200	-0.08600			
	0.01600	0.04600	0.02200			
R6AU1s	-0.06400	-0.03400	-0.05800	-0.02600		
	0.04400	0.07400	0.05000	0.08200		
R6BM1s	-0.10200	-0.07200	-0.09600	-0.06400	-0.09200	
	0.00600	0.03600	0.01200	0.04400	0.01600	
R6BU1s	-0.09600	-0.06600	-0.09000	-0.05800	-0.08600	-0.04800
	0.01200	0.04200	0.01800	0.05000	0.02200	0.06000
R6CM1s	-0.10600	-0.07600	-0.10000	-0.06800	-0.09600	-0.05800
	0.00200	0.03200	0.00800	0.04000	0.01200	0.05000

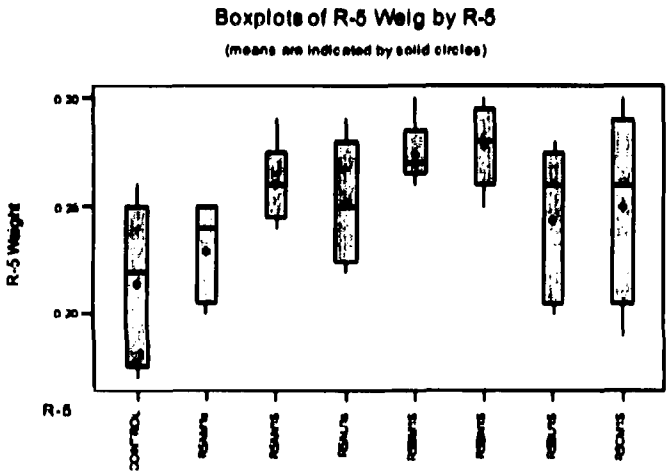
	R6BU1s
R6CM1s	-0.06400
	0.04400

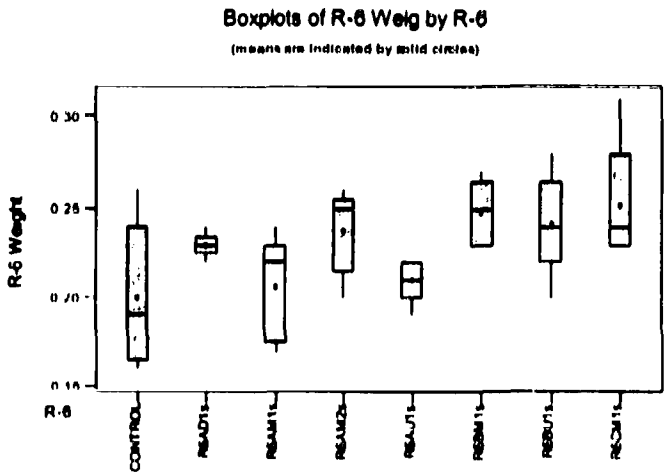

Boxplots of R-1 Weig by R-1
(means are indicated by solid circles)
R-1 Weight per org
0.20
0.15
0.10
R-1
CONTROL
R1AD1S
R1AM1S
R1AU1S
R1BD1S
R1BM1S
R1BM2S
R1BU1S
R1CM1S


Boxplots of R-2 Weig by R-2
(means are indicated by solid circles)
R-2 Weight
0.4
0.3
0.2
0.1
0.0
R-2
CONTROL
R2AD1S
R2AM1S
R2AM2S
R2AU1S
R2BD1S
R2BM1S
R2BU1S
R2CM1S


Boxplots of R-3 Weig by R-3
(means are indicated by solid circles)
R-3 Weight
0.20
0.15
0.10
R-3
CONTROL
R3AD1S
R3AM1S
R3AU1S
R3BD1S
R3BM1S
R3BU1S
R3CM1S


Boxplots of R-4 Weig by R-4
(means are indicated by solid circles)
R-4 Weight
0.35
0.25
0.15
R-4
CONTROL
R4AD1S
R4AM1S
R4AU1S
R4BD1S
R4BM1S
R4BU1S
R4CM1S
R4CM2S


Boxplots of R-5 Weig by R-5
(means are indicated by solid circles)
R-5 Weight
0.30
0.25
0.20
R-5
CONTROL


Boxplots of R-6 Weig by R-6
(means are indicated by solid circles)
R-6 Weight
0.30
0.25
0.20
0.15
R-6
CONTROL

Appendix II-F

Surface Water Toxicity Testing Results and Statistical Analysis

AMEC - Sauget

Site R1

***Ceriodaphnia* Summary Results**

Survival

Site	Mean 48-hr % Survival	Mean 7-dy % Survival
Control	100	90
R1BU1W	100	100
R1BM1W	100	100
R1BD1W	100	90
R1AM1W	100	100
R1CM1W	100	100
R1BM2W	100	100
R1AD1W	100	90
R1AU1W	100	100

Reproduction

	Number of Neonates Produced								
Replicate	Control	R1BU1W	R1BM1W	R1BD1W	R1AM1W	R1CM1W	R1BM2W	R1AD1W	R1AU1W
1	26	31	33	40	36	35	42	41	40
2	24	28	32	34	38	37	28	40	27
3	26	33	5	31	41	38	28	34	39
4	33	34	6	32	31	40	39	32	35
5	27	17	33	38	2	37	36	35	39
6	18	42	32	36	33	38	48	39	34
7	32	29	28	34	31	36	19	34	29
8	20	39	36	41	32	39	33	17	38
9	4	30	38	26	37	37	36	32	34
10	24	30	33	7	44	43	37	37	34
Mean	23	31	28	32	33	38	35	34	35

AMEC - Sauget

Site R2

***Ceriodaphnia* Summary Results**

Survival

Site	Mean 48-hr % Survival	Mean 7-dy % Survival
Control	100	100
R2BD1W	100	100
R2AD1W	100	100
R2AM2W	100	100
R2BM1W	100	100
R2CM1W	100	100
R2AU1W	100	100
R2BU1W	100	100
R2AM1W	100	100

Reproduction

	Number of Neonates Produced								
Replicate	Control	R2BD1W	R2AD1W	R2AM2W	R2BM1W	R2CM1W	R2AU1W	R2BU1W	R2AM1W
1	35	41	43	37	34	37	30	38	40
2	21	39	34	34	37	39	37	37	34
3	17	36	37	42	33	38	34	39	38
4	35	34	16	46	41	37	40	34	11
5	35	37	44	37	38	38	38	36	41
6	33	42	41	39	21	31	19	38	40
7	16	43	17	45	18	35	36	30	39
8	30	41	34	30	39	40	35	38	35
9	33	38	33	42	43	40	33	42	38
10	33	44	37	40	41	36	35	37	32
Mean	29	40	34	39	35	37	34	37	35

AMEC - Sauget

Site R3

Ceriodaphnia Summary Results

Survival

Site	Mean 48-hr % Survival	Mean 7-dy % Survival
Control	100	100
R3BU1W	100	100
R3AD1W	100	100
R3AM1W	100	100
R3CM1W	100	100
R3BM1W	100	100
R3BD1W	100	100
R3AU1W	0	0

Reproduction

	Number of Neonates Produced							
Replicate	Control	R3BU1W	R3AD1W	R3AM1W	R3CM1W	R3BM1W	R3BD1W	R3AU1W
1	16	5	14	20	31	21	30	0
2	17	3	8	23	39	16	19	0
3	36	0	7	16	27	16	34	0
4	39	1	17	15	36	11	41	0
5	33	4	4	21	36	15	41	0
6	36	0	3	4	40	17	37	0
7	35	16	8	24	34	19	20	0
8	34	4	5	14	39	12	36	0
9	32	14	13	16	41	25	27	0
10	34	14	14	20	37	18	32	0
Mean	31.2	6.1	9.3	17.3	36	17	31.7	0

AMEC - Sauget

Site R4

Ceriodaphnia Summary Results

Survival

Site	Mean 48-hr % Survival	Mean 7-dy % Survival
Control	100	100
R4BD1W	100	100
R4AM1W[a]	100	67
R4AD1W	100	70
R4CM2W	100	100
R4BM1W	100	100
R4AU1W	100	90
R4CM1W	100	100
R4BU1W	100	80

a - one animal lost during test period : not factored into survival

Reproduction

	Number of Neonates Produced								
Replicate	Control	R4BD1W	R4AM1W	R4AD1W	R4CM2W	R4BM1W	R4AU1W	R4CM1W	R4BU1W
1	29	34	37	0	11	35	26	5	26
2	35	33	22	27	6	39	18	29	28
3	20	23	0	6	34	14	20	3	21
4	19	25	na	0	30	4	5	30	18
5	30	22	5	0	8	26	22	6	4
6	8	14	0	20	15	6	0	38	23
7	24	8	11	20	33	8	10	30	18
8	29	27	0	0	3	32	25	6	31
9	25	34	22	19	8	29	10	31	0
10	26	36	4	0	32	23	31	12	27
Mean	25	26	11	9	18	22	17	19	20

na - animal lost during test period

AMEC -Sauget

Site R5

Ceriodaphnia Summary Results

Survival

Site	Mean 48-hr % Survival	Mean 7-dy % Survival
Control	100	100
R5AU1W	100	100
R5AM1W	100	100
R5BM1W	100	80
R5AD1W	100	70
R5BD1W	100	80
R5CM1W	100	90
R5BU1W	100	100
R5BN1W	100	100
R5AN1W	100	100

Reproduction

	Number of Neonates Produced									
Replicate	Control	R5AU1W	R5AM1W	R5BM1W	R5AD1W	R5BD1W	R5CM1W	R5BU1W	R5BN1W	R5AN1W
1	30	37	14	6	21	30	17	3	33	36
2	27	34	16	40	20	27	38	33	38	44
3	6	35	5	0	17	6	5	36	19	45
4	6	36	6	14	0	6	34	33	34	34
5	7	39	6	6	7	7	6	39	39	36
6	22	33	17	6	7	22	5	33	36	32
7	16	37	5	8	4	16	8	32	39	37
8	0	0	6	22	6	0	15	6	38	37
9	37	39	5	30	0	37	0	5	35	41
10	19	41	5	6	8	19	22	5	41	42
Mean	17	33	9	14	9	17	15	23	35	38

AMEC - Sauget
Site R6
Ceriodaphnia Summary Results

Survival

Site	Mean 48-hr % Survival	Mean 7-dy % Survival
Control	100	90
R6AU1W	100	80
R6AD1W	100	90
R6BU1W	100	90
R6BM1W	100	80
R6CM1W	100	100
R6AM2W	100	100
R6AM1W	100	70

Reproduction

	Number of Neonates Produced							
Replicate	Control	R6AU1W	R6AD1W	R6BU1W	R6BM1W	R6CM1W	R6AM2W	R6AM1W
1	30	36	18	7	0	19	0	19
2	25	44	33	40	26	23	29	38
3	18	6	7	24	5	30	35	0
4	35	6	36	0	6	41	37	0
5	34	29	21	37	7	37	37	6
6	30	10	0	0	0	30	28	47
7	33	7	29	6	0	37	33	36
8	0	4	14	6	0	33	35	13
9	23	39	5	38	0	39	40	41
10	33	0	32	36	39	0	34	7
Mean	26	18	20	19	8	29	31	21

******CERIODAPHNIA SURVIVAL******

One-way Analysis of Variance

Analysis of Variance for 2-day Control Samples

Source	DF	SS	MS	F	P
Sample C	5	0.0000000	0.0000000	*	*
Error	103	0.0000000	0.0000000		
Total	108	0.0000000			

```
                                  Individual 95% CIs For Mean
                                  Based on Pooled StDev
Level        N      Mean     StDev  ----------+---------+---------+------
Control1    19   1.00000   0.00000  *
Control2    10   1.00000   0.00000  *
Control3    20   1.00000   0.00000  *
Control4    20   1.00000   0.00000  *
Control5    20   1.00000   0.00000  *
Control6    20   1.00000   0.00000  *
                                    ----------+---------+---------+------
Pooled StDev =  0.00000                     1.00010   1.00020   1.00030
* NOTE * Cannot perform the Normal Score plot with MSE=0


* NOTE  * All values in column are identical.
```

One-way Analysis of Variance

Analysis of Variance for 7-day Control Samples

Source	DF	SS	MS	F	P
Sample C	5	0.2637	0.0527	1.51	0.192
Error	103	3.5895	0.0348		
Total	108	3.8532			

```
                                  Individual 95% CIs For Mean
                                  Based on Pooled StDev
Level        N      Mean     StDev  ----------+---------+---------+------
```

```
Control1    19    0.8947    0.3153    (-------*-------)
Control2    10    1.0000    0.0000          (-------*-------)
Control3    20    1.0000    0.0000               (-------*-------)
Control4    20    1.0000    0.0000               (-------*-------)
Control5    20    1.0000    0.0000               (-------*-------)
Control6    20    0.9000    0.3078     (-------*-------)
                                     ---------+---------+---------+------
Pooled StDev =    0.1867                     0.90      1.00      1.10
```

One-way Analysis of Variance

Analysis of Variance for Mean 48-Survival

Source	DF	SS	MS	F	P
ID all c	47	19.61052	0.41725	1.9E+16	0.000
Error	979	0.00000	0.00000		
Total	1026	19.61052			

Level	N	Mean	StDev	Individual 95% CIs For Mean Based on Pooled StDev
Control	109	1.00000	0.00000	*
R1AD1W	20	1.00000	0.00000	*
R1AM1W	20	1.00000	0.00000	*
R1AU1W	20	1.00000	0.00000	*
R1BD1W	20	1.00000	0.00000	*
R1BM1W	20	1.00000	0.00000	*
R1BM2W	20	1.00000	0.00000	*
R1BU1W	20	1.00000	0.00000	*
R1CM1W	80	1.00000	0.00000	*
R2AD1W	10	1.00000	0.00000	*
R2AM1W	10	1.00000	0.00000	*
R2AM2W	10	1.00000	0.00000	*
R2AU1W	10	1.00000	0.00000	*
R2BD1W	10	1.00000	0.00000	*
R2BM1W	10	1.00000	0.00000	*
R2BU1W	10	1.00000	0.00000	*
R2CM1W	10	1.00000	0.00000	*
R3AD1W	20	1.00000	0.00000	*
R3AM1W	20	1.00000	0.00000	*
R3AU1W	20	0.00000	0.00000	*
R3BD1W	20	1.00000	0.00000	*
R3BM1W	20	1.00000	0.00000	*
R3BU1W	20	1.00000	0.00000	*
R3CM1W	20	1.00000	0.00000	*
R4AD1W	20	1.00000	0.00000	*

```
R4AM1W      18   1.00000   0.00000                                  *
R4AU1W      20   1.00000   0.00000                                  *
R4BD1W      20   1.00000   0.00000                                  *
R4BM1W      20   1.00000   0.00000                                  *
R4BU1W      20   1.00000   0.00000                                  *
R4CM1W      20   1.00000   0.00000                                  *
R4CM2W      20   1.00000   0.00000                                  *
R5AD1W      20   1.00000   0.00000                                  *
R5AM1W      20   1.00000   0.00000                                  *
R5AN1W      20   1.00000   0.00000                                  *
R5AU1W      20   1.00000   0.00000                                  *
R5BD1W      20   1.00000   0.00000                                  *
R5BM1W      20   1.00000   0.00000                                  *
R5BN1W      20   1.00000   0.00000                                  *
R5BU1W      20   1.00000   0.00000                                  *
R5CM1W      20   1.00000   0.00000                                  *
R6AD1W      20   1.00000   0.00000                                  *
R6AM1W      20   1.00000   0.00000                                  *
R6AM2W      20   1.00000   0.00000                                  *
R6AU1W      20   1.00000   0.00000                                  *
R6BM1W      20   1.00000   0.00000                                  *
R6BU1W      20   1.00000   0.00000                                  *
R6CM1W      20   1.00000   0.00000                                  *
                                   -+---------+---------+---------+-----
Pooled StDev =  0.00000            0.00      0.30      0.60      0.90

Dunnett's intervals for treatment mean minus control mean

    Family error rate = 0.0500
Individual error rate = 0.00117

Critical value = 3.26

Control = level (Control) of ID all c

Level        Lower    Center     Upper ----+---------+---------+---------+---
```

R1AD1W	-0.00000	0.00000	0.00000		*
R1AM1W	-0.00000	0.00000	0.00000		*
R1AU1W	-0.00000	0.00000	0.00000		*
R1BD1W	-0.00000	0.00000	0.00000		*
R1BM1W	-0.00000	0.00000	0.00000		*
R1BM2W	-0.00000	0.00000	0.00000		*
R1BU1W	-0.00000	0.00000	0.00000		*
R1CM1W	-0.00000	0.00000	0.00000		*
R2AD1W	-0.00000	0.00000	0.00000		*
R2AM1W	-0.00000	0.00000	0.00000		*
R2AM2W	-0.00000	0.00000	0.00000		*
R2AU1W	-0.00000	0.00000	0.00000		*
R2BD1W	-0.00000	0.00000	0.00000		*
R2BM1W	-0.00000	0.00000	0.00000		*
R2BU1W	-0.00000	0.00000	0.00000		*
R2CM1W	-0.00000	0.00000	0.00000		*
R3AD1W	-0.00000	0.00000	0.00000		*
R3AM1W	-0.00000	0.00000	0.00000		*
R3AU1W	-1.00000	-1.00000	-1.00000	*	
R3BD1W	-0.00000	0.00000	0.00000		*
R3BM1W	-0.00000	0.00000	0.00000		*
R3BU1W	-0.00000	0.00000	0.00000		*
R3CM1W	-0.00000	0.00000	0.00000		*
R4AD1W	-0.00000	0.00000	0.00000		*
R4AM1W	-0.00000	0.00000	0.00000		*
R4AU1W	-0.00000	0.00000	0.00000		*
R4BD1W	-0.00000	0.00000	0.00000		*
R4BM1W	-0.00000	0.00000	0.00000		*
R4BU1W	-0.00000	0.00000	0.00000		*
R4CM1W	-0.00000	0.00000	0.00000		*
R4CM2W	-0.00000	0.00000	0.00000		*
R5AD1W	-0.00000	0.00000	0.00000		*
R5AM1W	-0.00000	0.00000	0.00000		*
R5AN1W	-0.00000	0.00000	0.00000		*
R5AU1W	-0.00000	0.00000	0.00000		*
R5BD1W	-0.00000	0.00000	0.00000		*

```
R5BM1W     -0.00000    0.00000    0.00000                                  *
R5BN1W     -0.00000    0.00000    0.00000                                  *
R5BU1W     -0.00000    0.00000    0.00000                                  *
R5CM1W     -0.00000    0.00000    0.00000                                  *
R6AD1W     -0.00000    0.00000    0.00000                                  *
R6AM1W     -0.00000    0.00000    0.00000                                  *
R6AM2W     -0.00000    0.00000    0.00000                                  *
R6AU1W     -0.00000    0.00000    0.00000                                  *
R6BM1W     -0.00000    0.00000    0.00000                                  *
R6BU1W      0.00000    0.00000    0.00000                                  *
R6CM1W      0.00000    0.00000    0.00000                                  *
                                                  +         +         +         +
                                               -0.90     -0.60     -0.30      0.00


Tukey's pairwise comparisons

    Family error rate = 0.0500
Individual error rate = 0.0000759

Critical value = 5.62

Intervals for (column level mean) - (row level mean)

           Control     R1AD1W      R1AM1W      R1AU1W      R1BD1W      R1BM1W

 R1AD1W     -0.00000
             0.00000

 R1AM1W     -0.00000    -0.00000
             0.00000     0.00000

 R1AU1W     -0.00000    -0.00000    -0.00000
             0.00000     0.00000     0.00000

 R1BD1W     -0.00000    -0.00000    -0.00000    -0.00000
```

	0.00000	0.00000	0.00000	0.00000		
R1BM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	
	0.00000	0.00000	0.00000	0.00000	0.00000	
R1BM2W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R1BU1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R1CM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R2AD1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R2AM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R2AM2W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R2AU1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R2BD1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R2BM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R2BU1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R2CM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000

	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R3AD1W	-0.00000	-0.00000	-0.00000	0.00000	0.00000	0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R3AM1W	0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R3AU1W	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
R3BD1W	0.00000	0.00000	-0.00000	0.00000	-0.00000	0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R3BM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R3BU1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R3CM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R4AD1W	-0.00000	-0.00000	-0.00000	0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R4AM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R4AU1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R4BD1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R4BM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000

	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R4BU1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R4CM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R4CM2W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R5AD1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R5AM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R5AN1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R5AU1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R5BD1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R5BM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R5BN1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R5BU1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R5CM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000

	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R6AD1W	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R6AM1W	-0.00000	-0.00000	-0.00000	0.00000	0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R6AM2W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R6AU1W	-0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R6BM1W	-0.00000	0.00000	0.00000	0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R6BU1W	-0.00000	-0.00000	-0.00000	0.00000	-0.00000	0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R6CM1W	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

	R1BM2W	R1BU1W	R1CM1W	R2AD1W	R2AM1W	R2AM2W
R1BU1W	-0.00000					
	0.00000					
R1CM1W	-0.00000	-0.00000				
	0.00000	0.00000				
R2AD1W	-0.00000	-0.00000	-0.00000			
	0.00000	0.00000	0.00000			
R2AM1W	-0.00000	-0.00000	-0.00000	-0.00000		

	0.00000	0.00000	0.00000	0.00000		
R2AM2W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	
	0.00000	0.00000	0.00000	0.00000	0.00000	
R2AU1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R2BD1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R2BM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R2BU1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R2CM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R3AD1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R3AM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R3AU1W	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
R3BD1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R3BM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R3BU1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000

	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R3CM1W	0.00000	-0.00000	0.00000	0.00000	0.00000	0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R4AD1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R4AM1W	-0.00000	-0.00000	-0.00000	0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R4AU1W	-0.00000	-0.00000	-0.00000	0.00000	0.00000	0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R4BD1W	-0.00000	-0.00000	-0.00000	0.00000	0.00000	0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R4BM1W	0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R4BU1W	0.00000	0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R4CM1W	-0.00000	-0.00000	-0.00000	0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R4CM2W	0.00000	-0.00000	-0.00000	0.00000	0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R5AD1W	-0.00000	-0.00000	-0.00000	0.00000	0.00000	0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R5AM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R5AN1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000

	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R5AU1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R5BD1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R5BM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R5BN1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R5BU1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R5CM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R6AD1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R6AM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R6AM2W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R6AU1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R6BM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R6BU1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000

	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R6CM1W	-0.00000	0.00000	0.00000	0.00000	0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

	R2AU1W	R2BD1W	R2BM1W	R2BU1W	R2CM1W	R3AD1W
R2BD1W	-0.00000					
	0.00000					
R2BM1W	-0.00000	-0.00000				
	0.00000	0.00000				
R2BU1W	0.00000	-0.00000	-0.00000			
	0.00000	0.00000	0.00000			
R2CM1W	-0.00000	-0.00000	-0.00000	0.00000		
	0.00000	0.00000	0.00000	0.00000		
R3AD1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	
	0.00000	0.00000	0.00000	0.00000	0.00000	
R3AM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R3AU1W	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
R3BD1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R3BM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R3BU1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000

	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R3CM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R4AD1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R4AM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R4AU1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R4BD1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R4BM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R4BU1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R4CM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R4CM2W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R5AD1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R5AM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R5AN1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000

	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R5AU1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R5BD1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R5BM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R5BN1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R5BU1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R5CM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R6AD1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R6AM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R6AM2W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R6AU1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R6BM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R6BU1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000

	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R6CM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

	R3AM1W	R3AU1W	R3BD1W	R3BM1W	R3BU1W	R3CM1W
R3AU1W	1.00000					
	1.00000					
R3BD1W	-0.00000	-1.00000				
	0.00000	-1.00000				
R3BM1W	-0.00000	-1.00000	-0.00000			
	0.00000	-1.00000	0.00000			
R3BU1W	-0.00000	-1.00000	-0.00000	-0.00000		
	0.00000	-1.00000	0.00000	0.00000		
R3CM1W	-0.00000	-1.00000	-0.00000	-0.00000	-0.00000	
	0.00000	-1.00000	0.00000	0.00000	0.00000	
R4AD1W	-0.00000	-1.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	-1.00000	0.00000	0.00000	0.00000	0.00000
R4AM1W	-0.00000	-1.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	-1.00000	0.00000	0.00000	0.00000	0.00000
R4AU1W	-0.00000	-1.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	-1.00000	0.00000	0.00000	0.00000	0.00000
R4BD1W	-0.00000	-1.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	-1.00000	0.00000	0.00000	0.00000.	0.00000
R4BM1W	-0.00000	-1.00000	-0.00000	-0.00000	-0.00000	-0.00000

	0.00000	-1.00000	0.00000	0.00000	0.00000	0.00000
R4BU1W	-0.00000	-1.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	-1.00000	0.00000	0.00000	0.00000	0.00000
R4CM1W	-0.00000	-1.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	-1.00000	0.00000	0.00000	0.00000	0.00000
R4CM2W	-0.00000	-1.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	-1.00000	0.00000	0.00000	0.00000	0.00000
R5AD1W	-0.00000	-1.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	-1.00000	0.00000	0.00000	0.00000	0.00000
R5AM1W	-0.00000	-1.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	-1.00000	0.00000	0.00000	0.00000	0.00000
R5AN1W	-0.00000	-1.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	-1.00000	0.00000	0.00000	0.00000	0.00000
R5AU1W	-0.00000	-1.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	-1.00000	0.00000	0.00000	0.00000	0.00000
R5BD1W	-0.00000	-1.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	-1.00000	0.00000	0.00000	0.00000	0.00000
R5BM1W	-0.00000	-1.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	-1.00000	0.00000	0.00000	0.00000	0.00000
R5BN1W	-0.00000	-1.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	-1.00000	0.00000	0.00000	0.00000	0.00000
R5BU1W	-0.00000	-1.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	-1.00000	0.00000	0.00000	0.00000	0.00000
R5CM1W	-0.00000	-1.00000	-0.00000	-0.00000	-0.00000	-0.00000

	0.00000	-1.00000	0.00000	0.00000	0.00000	0.00000
R6AD1W	-0.00000	-1.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	-1.00000	0.00000	0.00000	0.00000	0.00000
R6AM1W	-0.00000	-1.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	-1.00000	0.00000	0.00000	0.00000	0.00000
R6AM2W	-0.00000	-1.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	-1.00000	0.00000	0.00000	0.00000	0.00000
R6AU1W	-0.00000	-1.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	-1.00000	0.00000	0.00000	0.00000	0.00000
R6BM1W	-0.00000	-1.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	-1.00000	0.00000	0.00000	0.00000	0.00000
R6BU1W	-0.00000	-1.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	-1.00000	0.00000	0.00000	0.00000	0.00000
R6CM1W	-0.00000	-1.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	-1.00000	0.00000	0.00000	0.00000	0.00000

	R4AD1W	R4AM1W	R4AU1W	R4BD1W	R4BM1W	R4BU1W
R4AM1W	-0.00000					
	0.00000					
R4AU1W	-0.00000	-0.00000				
	0.00000	0.00000				
R4BD1W	-0.00000	-0.00000	-0.00000			
	0.00000	0.00000	0.00000			
R4BM1W	-0.00000	-0.00000	-0.00000	-0.00000		

	0.00000	0.00000	0.00000	0.00000		
R4BU1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	
	0.00000	0.00000	0.00000	0.00000	0.00000	
R4CM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R4CM2W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R5AD1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R5AM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R5AN1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R5AU1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R5BD1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R5BM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R5BN1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R5BU1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R5CM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000

	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R6AD1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R6AM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R6AM2W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R6AU1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R6BM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R6BU1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R6CM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

	R4CM1W	R4CM2W	R5AD1W	R5AM1W	R5AN1W	R5AU1W
R4CM2W	-0.00000					
	0.00000					
R5AD1W	-0.00000	-0.00000				
	0.00000	0.00000				
R5AM1W	-0.00000	-0.00000	-0.00000			
	0.00000	0.00000	0.00000			
R5AN1W	-0.00000	-0.00000	-0.00000	-0.00000		

	0.00000	0.00000	0.00000	0.00000		
R5AU1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	
	0.00000	0.00000	0.00000	0.00000	0.00000	
R5BD1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R5BM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R5BN1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R5BU1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R5CM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R6AD1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R6AM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R6AM2W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R6AU1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R6BM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R6BU1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000

	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R6CM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

	R5BD1W	R5BM1W	R5BN1W	R5BU1W	R5CM1W	R6AD1W
R5BM1W	-0.00000					
	0.00000					
R5BN1W	-0.00000	-0.00000				
	0.00000	0.00000				
R5BU1W	-0.00000	-0.00000	-0.00000			
	0.00000	0.00000	0.00000			
R5CM1W	-0.00000	-0.00000	-0.00000	-0.00000		
	0.00000	0.00000	0.00000	0.00000		
R6AD1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	
	0.00000	0.00000	0.00000	0.00000	0.00000	
R6AM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R6AM2W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R6AU1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R6BM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R6BU1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000

	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
R6CM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

	R6AM1W	R6AM2W	R6AU1W	R6BM1W	R6BU1W
R6AM2W	-0.00000				
	0.00000				
R6AU1W	-0.00000	-0.00000			
	0.00000	0.00000			
R6BM1W	-0.00000	-0.00000	-0.00000		
	0.00000	0.00000	0.00000		
R6BU1W	-0.00000	-0.00000	-0.00000	-0.00000	
	0.00000	0.00000	0.00000	0.00000	
R6CM1W	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000
	0.00000	0.00000	0.00000	0.00000	0.00000

One-way Analysis of Variance

Analysis of Variance for Mean 7-day Survival

Source	DF	SS	MS	F	P
ID all c	47	26.5150	0.5641	11.69	0.000
Error	979	47.2532	0.0483		
Total	1026	73.7683			

```
                                   Individual 95% CIs For Mean
                                   Based on Pooled StDev
Level        N      Mean     StDev ---+---------+---------+---------+---
Control    109    0.9633    0.1889                              (-*)
R1AD1W      20    0.9000    0.3078                           (--*-)
R1AM1W      20    1.0000    0.0000                              (--*-)
R1AU1W      20    1.0000    0.0000                              (--*-)
R1BD1W      20    0.9000    0.3078                           (--*-)
R1BM1W      20    1.0000    0.0000                              (--*-)
R1BM2W      20    1.0000    0.0000                              (--*-)
R1BU1W      20    1.0000    0.0000                              (--*-)
R1CM1W      80    1.0000    0.0000                               (-*)
R2AD1W      10    1.0000    0.0000                            (---*--)
R2AM1W      10    1.0000    0.0000                            (---*--)
R2AM2W      10    1.0000    0.0000                            (---*--)
R2AU1W      10    1.0000    0.0000                            (---*--)
R2BD1W      10    1.0000    0.0000                            (---*--)
R2BM1W      10    1.0000    0.0000                            (---*--)
R2BU1W      10    1.0000    0.0000                            (---*--)
R2CM1W      10    1.0000    0.0000                            (---*--)
R3AD1W      20    1.0000    0.0000                              (--*-)
R3AM1W      20    1.0000    0.0000                              (--*-)
R3AU1W      20    0.0000    0.0000  (--*--)
R3BD1W      20    1.0000    0.0000                              (--*-)
R3BM1W      20    1.0000    0.0000                              (--*-)
R3BU1W      20    1.0000    0.0000                              (--*-)
R3CM1W      20    1.0000    0.0000                              (--*-)
```

```
R4AD1W      20    0.7000    0.4702                        (--*--)
R4AM1W      18    0.6667    0.4851                      (--*--)
R4AU1W      20    0.9000    0.3078                             (--*-)
R4BD1W      20    1.0000    0.0000                                (--*-)
R4BM1W      20    1.0000    0.0000                                (--*-)
R4BU1W      20    0.8000    0.4104                          (--*--)
R4CM1W      20    1.0000    0.0000                                (--*-)
R4CM2W      20    1.0000    0.0000                                (--*-)
R5AD1W      20    0.7000    0.4702                        (--*--)
R5AM1W      20    1.0000    0.0000                                (--*-)
R5AN1W      20    1.0000    0.0000                                (--*-)
R5AU1W      20    1.0000    0.0000                                (--*-)
R5BD1W      20    0.8000    0.4104                          (--*--)
R5BM1W      20    0.8000    0.4104                          (--*--)
R5BN1W      20    1.0000    0.0000                                (--*-)
R5BU1W      20    1.0000    0.0000                                (--*-)
R5CM1W      20    0.9000    0.3078                             (--*-)
R6AD1W      20    0.9000    0.3078                             (--*-)
R6AM1W      20    0.7000    0.4702                        (--*--)
R6AM2W      20    1.0000    0.0000                                (--*-)
R6AU1W      20    0.8000    0.4104                          (--*--)
R6BM1W      20    0.8000    0.4104                          (--*--)
R6BU1W      20    0.9000    0.3078                             (--*-)
R6CM1W      20    1.0000    0.0000                                (--*-)
                                     ---+---------+---------+---------+---
Pooled StDev =    0.2197              0.00      0.35      0.70      1.05

Dunnett's intervals for treatment mean minus control mean

    Family error rate = 0.0500
Individual error rate = 0.00117

Critical value = 3.26

Control = level (Control) of ID all c
```

```
Level        Lower    Center     Upper ---------+---------+---------+--------
R1AD1W     -0.2373   -0.0633    0.1107                        (---*----)
R1AM1W     -0.1373    0.0367    0.2107                           (---*---)
R1AU1W     -0.1373    0.0367    0.2107                           (---*---)
R1BD1W     -0.2373   -0.0633    0.1107                        (---*----)
R1BM1W     -0.1373    0.0367    0.2107                           (---*---)
R1BM2W     -0.1373    0.0367    0.2107                           (---*---)
R1BU1W     -0.1373    0.0367    0.2107                           (---*---)
R1CM1W     -0.0686    0.0367    0.1420                            (--*--)
R2AD1W     -0.1996    0.0367    0.2730                          (-----*-----)
R2AM1W     -0.1996    0.0367    0.2730                          (-----*-----)
R2AM2W     -0.1996    0.0367    0.2730                          (-----*-----)
R2AU1W     -0.1996    0.0367    0.2730                          (-----*-----)
R2BD1W     -0.1996    0.0367    0.2730                          (-----*-----)
R2BM1W     -0.1996    0.0367    0.2730                          (-----*-----)
R2BU1W     -0.1996    0.0367    0.2730                          (-----*-----)
R2CM1W     -0.1996    0.0367    0.2730                          (-----*-----)
R3AD1W     -0.1373    0.0367    0.2107                           (---*---)
R3AM1W     -0.1373    0.0367    0.2107                           (---*---)
R3AU1W     -1.1373   -0.9633   -0.7893  (---*---)
R3BD1W     -0.1373    0.0367    0.2107                           (---*---)
R3BM1W     -0.1373    0.0367    0.2107                           (---*---)
R3BU1W     -0.1373    0.0367    0.2107                           (---*---)
R3CM1W     -0.1373    0.0367    0.2107                           (---*---)
R4AD1W     -0.4373   -0.2633   -0.0893                   (---*----)
R4AM1W     -0.4786   -0.2966   -0.1147                  (----*---)
R4AU1W     -0.2373   -0.0633    0.1107                        (---*----)
R4BD1W     -0.1373    0.0367    0.2107                           (---*---)
R4BM1W     -0.1373    0.0367    0.2107                           (---*---)
R4BU1W     -0.3373   -0.1633    0.0107                      (---*---)
R4CM1W     -0.1373    0.0367    0.2107                           (---*---)
R4CM2W     -0.1373    0.0367    0.2107                           (---*---)
R5AD1W     -0.4373   -0.2633   -0.0893                   (---*----)
R5AM1W     -0.1373    0.0367    0.2107                           (---*---)
R5AN1W     -0.1373    0.0367    0.2107                           (---*---)
R5AU1W     -0.1373    0.0367    0.2107                           (---*---)
```

```
R5BD1W     -0.3373   -0.1633    0.0107                    (---*---)
R5BM1W     -0.3373   -0.1633    0.0107                    (---*---)
R5BN1W     -0.1373    0.0367    0.2107                         (---*---)
R5BU1W     -0.1373    0.0367    0.2107                         (---*---)
R5CM1W     -0.2373   -0.0633    0.1107                       (---*----)
R6AD1W     -0.2373   -0.0633    0.1107                       (---*----)
R6AM1W     -0.4373   -0.2633   -0.0893                 (---*----)
R6AM2W     -0.1373    0.0367    0.2107                         (---*---)
R6AU1W     -0.3373   -0.1633    0.0107                    (---*---)
R6BM1W     -0.3373   -0.1633    0.0107                    (---*---)
R6BU1W     -0.2373   -0.0633    0.1107                       (---*----)
R6CM1W     -0.1373    0.0367    0.2107                         (---*---)
                                        ---------+---------+---------+--------
                                              -0.80     -0.40     -0.00
```

Tukey's pairwise comparisons

```
    Family error rate = 0.0500
Individual error rate = 0.0000759

Critical value = 5.62

Intervals for (column level mean) - (row level mean)

           Control     R1AD1W      R1AM1W      R1AU1W      R1BD1W      R1BM1W

 R1AD1W     -0.1491
             0.2757

 R1AM1W     -0.2491     -0.3761
             0.1757      0.1761

 R1AU1W     -0.2491     -0.3761     -0.2761
             0.1757      0.1761      0.2761
```

R1BD1W	-0.1491	-0.2761	-0.1761	-0.1761		
	0.2757	0.2761	0.3761	0.3761		
R1BM1W	-0.2491	-0.3761	-0.2761	-0.2761	-0.3761	
	0.1757	0.1761	0.2761	0.2761	0.1761	
R1BM2W	-0.2491	-0.3761	-0.2761	-0.2761	-0.3761	-0.2761
	0.1757	0.1761	0.2761	0.2761	0.1761	0.2761
R1BU1W	-0.2491	-0.3761	-0.2761	-0.2761	-0.3761	-0.2761
	0.1757	0.1761	0.2761	0.2761	0.1761	0.2761
R1CM1W	-0.1652	-0.3183	-0.2183	-0.2183	-0.3183	-0.2183
	0.0918	0.1183	0.2183	0.2183	0.1183	0.2183
R2AD1W	-0.3252	-0.4381	-0.3381	-0.3381	-0.4381	-0.3381
	0.2518	0.2381	0.3381	0.3381	0.2381	0.3381
R2AM1W	-0.3252	-0.4381	-0.3381	-0.3381	-0.4381	-0.3381
	0.2518	0.2381	0.3381	0.3381	0.2381	0.3381
R2AM2W	-0.3252	-0.4381	-0.3381	-0.3381	-0.4381	-0.3381
	0.2518	0.2381	0.3381	0.3381	0.2381	0.3381
R2AU1W	-0.3252	-0.4381	-0.3381	-0.3381	-0.4381	-0.3381
	0.2518	0.2381	0.3381	0.3381	0.2381	0.3381
R2BD1W	-0.3252	-0.4381	-0.3381	-0.3381	-0.4381	-0.3381
	0.2518	0.2381	0.3381	0.3381	0.2381	0.3381
R2BM1W	-0.3252	-0.4381	-0.3381	-0.3381	-0.4381	-0.3381
	0.2518	0.2381	0.3381	0.3381	0.2381	0.3381
R2BU1W	-0.3252	-0.4381	-0.3381	-0.3381	-0.4381	-0.3381
	0.2518	0.2381	0.3381	0.3381	0.2381	0.3381

R2CM1W	-0.3252	-0.4381	-0.3381	-0.3381	-0.4381	-0.3381
	0.2518	0.2381	0.3381	0.3381	0.2381	0.3381
R3AD1W	-0.2491	-0.3761	-0.2761	-0.2761	-0.3761	-0.2761
	0.1757	0.1761	0.2761	0.2761	0.1761	0.2761
R3AM1W	-0.2491	-0.3761	-0.2761	-0.2761	-0.3761	-0.2761
	0.1757	0.1761	0.2761	0.2761	0.1761	0.2761
R3AU1W	0.7509	0.6239	0.7239	0.7239	0.6239	0.7239
	1.1757	1.1761	1.2761	1.2761	1.1761	1.2761
R3BD1W	-0.2491	-0.3761	-0.2761	-0.2761	-0.3761	-0.2761
	0.1757	0.1761	0.2761	0.2761	0.1761	0.2761
R3BM1W	-0.2491	-0.3761	-0.2761	-0.2761	-0.3761	-0.2761
	0.1757	0.1761	0.2761	0.2761	0.1761	0.2761
R3BU1W	-0.2491	-0.3761	-0.2761	-0.2761	-0.3761	-0.2761
	0.1757	0.1761	0.2761	0.2761	0.1761	0.2761
R3CM1W	-0.2491	-0.3761	-0.2761	-0.2761	-0.3761	-0.2761
	0.1757	0.1761	0.2761	0.2761	0.1761	0.2761
R4AD1W	0.0509	-0.0761	0.0239	0.0239	-0.0761	0.0239
	0.4757	0.4761	0.5761	0.5761	0.4761	0.5761
R4AM1W	0.0745	-0.0503	0.0497	0.0497	-0.0503	0.0497
	0.5188	0.5170	0.6170	0.6170	0.5170	0.6170
R4AU1W	-0.1491	-0.2761	-0.1761	-0.1761	-0.2761	-0.1761
	0.2757	0.2761	0.3761	0.3761	0.2761	0.3761
R4BD1W	-0.2491	-0.3761	-0.2761	-0.2761	-0.3761	-0.2761
	0.1757	0.1761	0.2761	0.2761	0.1761	0.2761

R4BM1W	-0.2491	-0.3761	-0.2761	-0.2761	-0.3761	-0.2761
	0.1757	0.1761	0.2761	0.2761	0.1761	0.2761
R4BU1W	-0.0491	-0.1761	-0.0761	-0.0761	-0.1761	-0.0761
	0.3757	0.3761	0.4761	0.4761	0.3761	0.4761
R4CM1W	-0.2491	-0.3761	-0.2761	-0.2761	-0.3761	-0.2761
	0.1757	0.1761	0.2761	0.2761	0.1761	0.2761
R4CM2W	-0.2491	-0.3761	-0.2761	-0.2761	-0.3761	-0.2761
	0.1757	0.1761	0.2761	0.2761	0.1761	0.2761
R5AD1W	0.0509	-0.0761	0.0239	0.0239	-0.0761	0.0239
	0.4757	0.4761	0.5761	0.5761	0.4761	0.5761
R5AM1W	-0.2491	-0.3761	-0.2761	-0.2761	-0.3761	-0.2761
	0.1757	0.1761	0.2761	0.2761	0.1761	0.2761
R5AN1W	-0.2491	-0.3761	-0.2761	-0.2761	-0.3761	-0.2761
	0.1757	0.1761	0.2761	0.2761	0.1761	0.2761
R5AU1W	-0.2491	-0.3761	-0.2761	-0.2761	-0.3761	-0.2761
	0.1757	0.1761	0.2761	0.2761	0.1761	0.2761
R5BD1W	-0.0491	-0.1761	-0.0761	-0.0761	-0.1761	-0.0761
	0.3757	0.3761	0.4761	0.4761	0.3761	0.4761
R5BM1W	-0.0491	-0.1761	-0.0761	-0.0761	-0.1761	-0.0761
	0.3757	0.3761	0.4761	0.4761	0.3761	0.4761
R5BN1W	-0.2491	-0.3761	-0.2761	-0.2761	-0.3761	-0.2761
	0.1757	0.1761	0.2761	0.2761	0.1761	0.2761
R5BU1W	-0.2491	-0.3761	-0.2761	-0.2761	-0.3761	-0.2761
	0.1757	0.1761	0.2761	0.2761	0.1761	0.2761

R5CM1W	-0.1491	-0.2761	-0.1761	-0.1761	-0.2761	-0.1761
	0.2757	0.2761	0.3761	0.3761	0.2761	0.3761
R6AD1W	-0.1491	-0.2761	-0.1761	-0.1761	-0.2761	-0.1761
	0.2757	0.2761	0.3761	0.3761	0.2761	0.3761
R6AM1W	0.0509	-0.0761	0.0239	0.0239	-0.0761	0.0239
	0.4757	0.4761	0.5761	0.5761	0.4761	0.5761
R6AM2W	-0.2491	-0.3761	-0.2761	-0.2761	-0.3761	-0.2761
	0.1757	0.1761	0.2761	0.2761	0.1761	0.2761
R6AU1W	-0.0491	-0.1761	-0.0761	-0.0761	-0.1761	-0.0761
	0.3757	0.3761	0.4761	0.4761	0.3761	0.4761
R6BM1W	-0.0491	-0.1761	-0.0761	-0.0761	-0.1761	-0.0761
	0.3757	0.3761	0.4761	0.4761	0.3761	0.4761
R6BU1W	-0.1491	-0.2761	-0.1761	-0.1761	-0.2761	-0.1761
	0.2757	0.2761	0.3761	0.3761	0.2761	0.3761
R6CM1W	-0.2491	-0.3761	-0.2761	-0.2761	-0.3761	-0.2761
	0.1757	0.1761	0.2761	0.2761	0.1761	0.2761

	R1BM2W	R1BU1W	R1CM1W	R2AD1W	R2AM1W	R2AM2W
R1BU1W	-0.2761					
	0.2761					
R1CM1W	-0.2183	-0.2183				
	0.2183	0.2183				
R2AD1W	-0.3381	-0.3381	-0.2928			
	0.3381	0.3381	0.2928			

R2AM1W	-0.3381	-0.3381	-0.2928	-0.3904		
	0.3381	0.3381	0.2928	0.3904		
R2AM2W	-0.3381	-0.3381	-0.2928	-0.3904	-0.3904	
	0.3381	0.3381	0.2928	0.3904	0.3904	
R2AU1W	-0.3381	-0.3381	-0.2928	-0.3904	-0.3904	-0.3904
	0.3381	0.3381	0.2928	0.3904	0.3904	0.3904
R2BD1W	-0.3381	-0.3381	-0.2928	-0.3904	-0.3904	-0.3904
	0.3381	0.3381	0.2928	0.3904	0.3904	0.3904
R2BM1W	-0.3381	-0.3381	-0.2928	-0.3904	-0.3904	-0.3904
	0.3381	0.3381	0.2928	0.3904	0.3904	0.3904
R2BU1W	-0.3381	-0.3381	-0.2928	-0.3904	-0.3904	-0.3904
	0.3381	0.3381	0.2928	0.3904	0.3904	0.3904
R2CM1W	-0.3381	-0.3381	-0.2928	-0.3904	-0.3904	-0.3904
	0.3381	0.3381	0.2928	0.3904	0.3904	0.3904
R3AD1W	-0.2761	-0.2761	-0.2183	-0.3381	-0.3381	-0.3381
	0.2761	0.2761	0.2183	0.3381	0.3381	0.3381
R3AM1W	-0.2761	-0.2761	-0.2183	-0.3381	-0.3381	-0.3381
	0.2761	0.2761	0.2183	0.3381	0.3381	0.3381
R3AU1W	0.7239	0.7239	0.7817	0.6619	0.6619	0.6619
	1.2761	1.2761	1.2183	1.3381	1.3381	1.3381
R3BD1W	-0.2761	-0.2761	-0.2183	-0.3381	-0.3381	-0.3381
	0.2761	0.2761	0.2183	0.3381	0.3381	0.3381
R3BM1W	-0.2761	-0.2761	-0.2183	-0.3381	-0.3381	-0.3381
	0.2761	0.2761	0.2183	0.3381	0.3381	0.3381

R3BU1W	-0.2761	-0.2761	-0.2183	-0.3381	-0.3381	-0.3381
	0.2761	0.2761	0.2183	0.3381	0.3381	0.3381
R3CM1W	-0.2761	-0.2761	-0.2183	-0.3381	-0.3381	-0.3381
	0.2761	0.2761	0.2183	0.3381	0.3381	0.3381
R4AD1W	0.0239	0.0239	0.0817	-0.0381	-0.0381	-0.0381
	0.5761	0.5761	0.5183	0.6381	0.6381	0.6381
R4AM1W	0.0497	0.0497	0.1056	-0.0110	-0.0110	-0.0110
	0.6170	0.6170	0.5611	0.6777	0.6777	0.6777
R4AU1W	-0.1761	-0.1761	-0.1183	-0.2381	-0.2381	-0.2381
	0.3761	0.3761	0.3183	0.4381	0.4381	0.4381
R4BD1W	-0.2761	-0.2761	-0.2183	-0.3381	-0.3381	-0.3381
	0.2761	0.2761	0.2183	0.3381	0.3381	0.3381
R4BM1W	-0.2761	-0.2761	-0.2183	-0.3381	-0.3381	-0.3381
	0.2761	0.2761	0.2183	0.3381	0.3381	0.3381
R4BU1W	-0.0761	-0.0761	-0.0183	-0.1381	-0.1381	-0.1381
	0.4761	0.4761	0.4183	0.5381	0.5381	0.5381
R4CM1W	-0.2761	-0.2761	-0.2183	-0.3381	-0.3381	-0.3381
	0.2761	0.2761	0.2183	0.3381	0.3381	0.3381
R4CM2W	-0.2761	-0.2761	-0.2183	-0.3381	-0.3381	-0.3381
	0.2761	0.2761	0.2183	0.3381	0.3381	0.3381
R5AD1W	0.0239	0.0239	0.0817	-0.0381	-0.0381	-0.0381
	0.5761	0.5761	0.5183	0.6381	0.6381	0.6381
R5AM1W	-0.2761	-0.2761	-0.2183	-0.3381	-0.3381	-0.3381
	0.2761	0.2761	0.2183	0.3381	0.3381	0.3381

R5AN1W	-0.2761	-0.2761	-0.2183	-0.3381	-0.3381	-0.3381
	0.2761	0.2761	0.2183	0.3381	0.3381	0.3381
R5AU1W	-0.2761	-0.2761	-0.2183	-0.3381	-0.3381	-0.3381
	0.2761	0.2761	0.2183	0.3381	0.3381	0.3381
R5BD1W	-0.0761	-0.0761	-0.0183	-0.1381	-0.1381	-0.1381
	0.4761	0.4761	0.4183	0.5381	0.5381	0.5381
R5BM1W	-0.0761	-0.0761	-0.0183	-0.1381	-0.1381	-0.1381
	0.4761	0.4761	0.4183	0.5381	0.5381	0.5381
R5BN1W	-0.2761	-0.2761	-0.2183	-0.3381	-0.3381	-0.3381
	0.2761	0.2761	0.2183	0.3381	0.3381	0.3381
R5BU1W	-0.2761	-0.2761	-0.2183	-0.3381	-0.3381	-0.3381
	0.2761	0.2761	0.2183	0.3381	0.3381	0.3381
R5CM1W	-0.1761	-0.1761	-0.1183	-0.2381	-0.2381	-0.2381
	0.3761	0.3761	0.3183	0.4381	0.4381	0.4381
R6AD1W	-0.1761	-0.1761	-0.1183	-0.2381	-0.2381	-0.2381
	0.3761	0.3761	0.3183	0.4381	0.4381	0.4381
R6AM1W	0.0239	0.0239	0.0817	-0.0381	-0.0381	-0.0381
	0.5761	0.5761	0.5183	0.6381	0.6381	0.6381
R6AM2W	-0.2761	-0.2761	-0.2183	-0.3381	-0.3381	-0.3381
	0.2761	0.2761	0.2183	0.3381	0.3381	0.3381
R6AU1W	-0.0761	-0.0761	-0.0183	-0.1381	-0.1381	-0.1381
	0.4761	0.4761	0.4183	0.5381	0.5381	0.5381
R6BM1W	-0.0761	-0.0761	-0.0183	-0.1381	-0.1381	-0.1381
	0.4761	0.4761	0.4183	0.5381	0.5381	0.5381

R6BU1W	-0.1761	-0.1761	-0.1183	-0.2381	-0.2381	-0.2381
	0.3761	0.3761	0.3183	0.4381	0.4381	0.4381
R6CM1W	-0.2761	-0.2761	-0.2183	-0.3381	-0.3381	-0.3381
	0.2761	0.2761	0.2183	0.3381	0.3381	0.3381

	R2AU1W	R2BD1W	R2BM1W	R2BU1W	R2CM1W	R3AD1W
R2BD1W	-0.3904					
	0.3904					
R2BM1W	-0.3904	-0.3904				
	0.3904	0.3904				
R2BU1W	-0.3904	-0.3904	-0.3904			
	0.3904	0.3904	0.3904			
R2CM1W	-0.3904	-0.3904	-0.3904	-0.3904		
	0.3904	0.3904	0.3904	0.3904		
R3AD1W	-0.3381	-0.3381	-0.3381	-0.3381	-0.3381	
	0.3381	0.3381	0.3381	0.3381	0.3381	
R3AM1W	-0.3381	-0.3381	-0.3381	-0.3381	-0.3381	-0.2761
	0.3381	0.3381	0.3381	0.3381	0.3381	0.2761
R3AU1W	0.6619	0.6619	0.6619	0.6619	0.6619	0.7239
	1.3381	1.3381	1.3381	1.3381	1.3381	1.2761
R3BD1W	-0.3381	-0.3381	-0.3381	-0.3381	-0.3381	-0.2761
	0.3381	0.3381	0.3381	0.3381	0.3381	0.2761
R3BM1W	-0.3381	-0.3381	-0.3381	-0.3381	-0.3381	-0.2761
	0.3381	0.3381	0.3381	0.3381	0.3381	0.2761

R3BU1W	-0.3381	-0.3381	-0.3381	-0.3381	-0.3381	-0.2761
	0.3381	0.3381	0.3381	0.3381	0.3381	0.2761
R3CM1W	-0.3381	-0.3381	-0.3381	-0.3381	-0.3381	-0.2761
	0.3381	0.3381	0.3381	0.3381	0.3381	0.2761
R4AD1W	-0.0381	-0.0381	-0.0381	-0.0381	-0.0381	0.0239
	0.6381	0.6381	0.6381	0.6381	0.6381	0.5761
R4AM1W	-0.0110	-0.0110	-0.0110	-0.0110	-0.0110	0.0497
	0.6777	0.6777	0.6777	0.6777	0.6777	0.6170
R4AU1W	-0.2381	-0.2381	-0.2381	-0.2381	-0.2381	-0.1761
	0.4381	0.4381	0.4381	0.4381	0.4381	0.3761
R4BD1W	-0.3381	-0.3381	-0.3381	-0.3381	-0.3381	-0.2761
	0.3381	0.3381	0.3381	0.3381	0.3381	0.2761
R4BM1W	-0.3381	-0.3381	-0.3381	-0.3381	-0.3381	-0.2761
	0.3381	0.3381	0.3381	0.3381	0.3381	0.2761
R4BU1W	-0.1381	-0.1381	-0.1381	-0.1381	-0.1381	-0.0761
	0.5381	0.5381	0.5381	0.5381	0.5381	0.4761
R4CM1W	-0.3381	-0.3381	-0.3381	-0.3381	-0.3381	-0.2761
	0.3381	0.3381	0.3381	0.3381	0.3381	0.2761
R4CM2W	-0.3381	-0.3381	-0.3381	-0.3381	-0.3381	-0.2761
	0.3381	0.3381	0.3381	0.3381	0.3381	0.2761
R5AD1W	-0.0381	-0.0381	-0.0381	-0.0381	-0.0381	0.0239
	0.6381	0.6381	0.6381	0.6381	0.6381	0.5761
R5AM1W	-0.3381	-0.3381	-0.3381	-0.3381	-0.3381	-0.2761
	0.3381	0.3381	0.3381	0.3381	0.3381	0.2761

R5AN1W	-0.3381	-0.3381	-0.3381	-0.3381	-0.3381	-0.2761
	0.3381	0.3381	0.3381	0.3381	0.3381	0.2761
R5AU1W	-0.3381	-0.3381	-0.3381	-0.3381	-0.3381	-0.2761
	0.3381	0.3381	0.3381	0.3381	0.3381	0.2761
R5BD1W	-0.1381	-0.1381	-0.1381	-0.1381	-0.1381	-0.0761
	0.5381	0.5381	0.5381	0.5381	0.5381	0.4761
R5BM1W	-0.1381	-0.1381	-0.1381	-0.1381	-0.1381	-0.0761
	0.5381	0.5381	0.5381	0.5381	0.5381	0.4761
R5BN1W	-0.3381	-0.3381	-0.3381	-0.3381	-0.3381	-0.2761
	0.3381	0.3381	0.3381	0.3381	0.3381	0.2761
R5BU1W	-0.3381	-0.3381	-0.3381	-0.3381	-0.3381	-0.2761
	0.3381	0.3381	0.3381	0.3381	0.3381	0.2761
R5CM1W	-0.2381	-0.2381	-0.2381	-0.2381	-0.2381	-0.1761
	0.4381	0.4381	0.4381	0.4381	0.4381	0.3761
R6AD1W	-0.2381	-0.2381	-0.2381	-0.2381	-0.2381	-0.1761
	0.4381	0.4381	0.4381	0.4381	0.4381	0.3761
R6AM1W	-0.0381	-0.0381	-0.0381	-0.0381	-0.0381	0.0239
	0.6381	0.6381	0.6381	0.6381	0.6381	0.5761
R6AM2W	-0.3381	-0.3381	-0.3381	-0.3381	-0.3381	-0.2761
	0.3381	0.3381	0.3381	0.3381	0.3381	0.2761
R6AU1W	-0.1381	-0.1381	-0.1381	-0.1381	-0.1381	-0.0761
	0.5381	0.5381	0.5381	0.5381	0.5381	0.4761
R6BM1W	-0.1381	-0.1381	-0.1381	-0.1381	-0.1381	-0.0761
	0.5381	0.5381	0.5381	0.5381	0.5381	0.4761

R6BU1W	-0.2381	-0.2381	-0.2381	-0.2381	-0.2381	-0.1761
	0.4381	0.4381	0.4381	0.4381	0.4381	0.3761
R6CM1W	-0.3381	-0.3381	-0.3381	-0.3381	-0.3381	-0.2761
	0.3381	0.3381	0.3381	0.3381	0.3381	0.2761

	R3AM1W	R3AU1W	R3BD1W	R3BM1W	R3BU1W	R3CM1W
R3AU1W	0.7239					
	1.2761					
R3BD1W	-0.2761	-1.2761				
	0.2761	-0.7239				
R3BM1W	-0.2761	-1.2761	-0.2761			
	0.2761	-0.7239	0.2761			
R3BU1W	-0.2761	-1.2761	-0.2761	-0.2761		
	0.2761	-0.7239	0.2761	0.2761		
R3CM1W	-0.2761	-1.2761	-0.2761	-0.2761	-0.2761	
	0.2761	-0.7239	0.2761	0.2761	0.2761	
R4AD1W	0.0239	-0.9761	0.0239	0.0239	0.0239	0.0239
	0.5761	-0.4239	0.5761	0.5761	0.5761	0.5761
R4AM1W	0.0497	-0.9503	0.0497	0.0497	0.0497	0.0497
	0.6170	-0.3830	0.6170	0.6170	0.6170	0.6170
R4AU1W	-0.1761	-1.1761	-0.1761	-0.1761	-0.1761	-0.1761
	0.3761	-0.6239	0.3761	0.3761	0.3761	0.3761
R4BD1W	-0.2761	-1.2761	-0.2761	-0.2761	-0.2761	-0.2761
	0.2761	-0.7239	0.2761	0.2761	0.2761	0.2761

R4BM1W	-0.2761	-1.2761	-0.2761	-0.2761	-0.2761	-0.2761
	0.2761	-0.7239	0.2761	0.2761	0.2761	0.2761
R4BU1W	-0.0761	-1.0761	-0.0761	-0.0761	-0.0761	-0.0761
	0.4761	-0.5239	0.4761	0.4761	0.4761	0.4761
R4CM1W	-0.2761	-1.2761	-0.2761	-0.2761	-0.2761	-0.2761
	0.2761	-0.7239	0.2761	0.2761	0.2761	0.2761
R4CM2W	-0.2761	-1.2761	-0.2761	-0.2761	-0.2761	-0.2761
	0.2761	-0.7239	0.2761	0.2761	0.2761	0.2761
R5AD1W	0.0239	-0.9761	0.0239	0.0239	0.0239	0.0239
	0.5761	-0.4239	0.5761	0.5761	0.5761	0.5761
R5AM1W	-0.2761	-1.2761	-0.2761	-0.2761	-0.2761	-0.2761
	0.2761	-0.7239	0.2761	0.2761	0.2761	0.2761
R5AN1W	-0.2761	-1.2761	-0.2761	-0.2761	-0.2761	-0.2761
	0.2761	-0.7239	0.2761	0.2761	0.2761	0.2761
R5AU1W	-0.2761	-1.2761	-0.2761	-0.2761	-0.2761	-0.2761
	0.2761	-0.7239	0.2761	0.2761	0.2761	0.2761
R5BD1W	-0.0761	-1.0761	-0.0761	-0.0761	-0.0761	-0.0761
	0.4761	-0.5239	0.4761	0.4761	0.4761	0.4761
R5BM1W	-0.0761	-1.0761	-0.0761	-0.0761	-0.0761	-0.0761
	0.4761	-0.5239	0.4761	0.4761	0.4761	0.4761
R5BN1W	-0.2761	-1.2761	-0.2761	-0.2761	-0.2761	-0.2761
	0.2761	-0.7239	0.2761	0.2761	0.2761	0.2761
R5BU1W	-0.2761	-1.2761	-0.2761	-0.2761	-0.2761	-0.2761
	0.2761	-0.7239	0.2761	0.2761	0.2761	0.2761

R5CM1W	-0.1761	-1.1761	-0.1761	-0.1761	-0.1761	-0.1761
	0.3761	-0.6239	0.3761	0.3761	0.3761	0.3761
R6AD1W	-0.1761	-1.1761	-0.1761	-0.1761	-0.1761	-0.1761
	0.3761	-0.6239	0.3761	0.3761	0.3761	0.3761
R6AM1W	0.0239	-0.9761	0.0239	0.0239	0.0239	0.0239
	0.5761	-0.4239	0.5761	0.5761	0.5761	0.5761
R6AM2W	-0.2761	-1.2761	-0.2761	-0.2761	-0.2761	-0.2761
	0.2761	-0.7239	0.2761	0.2761	0.2761	0.2761
R6AU1W	-0.0761	-1.0761	-0.0761	-0.0761	-0.0761	-0.0761
	0.4761	-0.5239	0.4761	0.4761	0.4761	0.4761
R6BM1W	-0.0761	-1.0761	-0.0761	-0.0761	-0.0761	-0.0761
	0.4761	-0.5239	0.4761	0.4761	0.4761	0.4761
R6BU1W	-0.1761	-1.1761	-0.1761	-0.1761	-0.1761	-0.1761
	0.3761	-0.6239	0.3761	0.3761	0.3761	0.3761
R6CM1W	-0.2761	-1.2761	-0.2761	-0.2761	-0.2761	-0.2761
	0.2761	-0.7239	0.2761	0.2761	0.2761	0.2761

	R4AD1W	R4AM1W	R4AU1W	R4BD1W	R4BM1W	R4BU1W
R4AM1W	-0.2503					
	0.3170					
R4AU1W	-0.4761	-0.5170				
	0.0761	0.0503				
R4BD1W	-0.5761	-0.6170	-0.3761			
	-0.0239	-0.0497	0.1761			

R4BM1W	-0.5761	-0.6170	-0.3761	-0.2761		
	-0.0239	-0.0497	0.1761	0.2761		
R4BU1W	-0.3761	-0.4170	-0.1761	-0.0761	-0.0761	
	0.1761	0.1503	0.3761	0.4761	0.4761	
R4CM1W	-0.5761	-0.6170	-0.3761	-0.2761	-0.2761	-0.4761
	-0.0239	-0.0497	0.1761	0.2761	0.2761	0.0761
R4CM2W	-0.5761	-0.6170	-0.3761	-0.2761	-0.2761	-0.4761
	-0.0239	-0.0497	0.1761	0.2761	0.2761	0.0761
R5AD1W	-0.2761	-0.3170	-0.0761	0.0239	0.0239	-0.1761
	0.2761	0.2503	0.4761	0.5761	0.5761	0.3761
R5AM1W	-0.5761	-0.6170	-0.3761	-0.2761	-0.2761	-0.4761
	-0.0239	-0.0497	0.1761	0.2761	0.2761	0.0761
R5AN1W	-0.5761	-0.6170	-0.3761	-0.2761	-0.2761	-0.4761
	-0.0239	-0.0497	0.1761	0.2761	0.2761	0.0761
R5AU1W	-0.5761	-0.6170	-0.3761	-0.2761	-0.2761	-0.4761
	-0.0239	-0.0497	0.1761	0.2761	0.2761	0.0761
R5BD1W	-0.3761	-0.4170	-0.1761	-0.0761	-0.0761	-0.2761
	0.1761	0.1503	0.3761	0.4761	0.4761	0.2761
R5BM1W	-0.3761	-0.4170	-0.1761	-0.0761	-0.0761	-0.2761
	0.1761	0.1503	0.3761	0.4761	0.4761	0.2761
R5BN1W	-0.5761	-0.6170	-0.3761	-0.2761	-0.2761	-0.4761
	-0.0239	-0.0497	0.1761	0.2761	0.2761	0.0761
R5BU1W	-0.5761	-0.6170	-0.3761	-0.2761	-0.2761	-0.4761
	-0.0239	-0.0497	0.1761	0.2761	0.2761	0.0761

R5CM1W	-0.4761	-0.5170	-0.2761	-0.1761	-0.1761	-0.3761
	0.0761	0.0503	0.2761	0.3761	0.3761	0.1761
R6AD1W	-0.4761	-0.5170	-0.2761	-0.1761	-0.1761	-0.3761
	0.0761	0.0503	0.2761	0.3761	0.3761	0.1761
R6AM1W	-0.2761	-0.3170	-0.0761	0.0239	0.0239	-0.1761
	0.2761	0.2503	0.4761	0.5761	0.5761	0.3761
R6AM2W	-0.5761	-0.6170	-0.3761	-0.2761	-0.2761	-0.4761
	-0.0239	-0.0497	0.1761	0.2761	0.2761	0.0761
R6AU1W	-0.3761	-0.4170	-0.1761	-0.0761	-0.0761	-0.2761
	0.1761	0.1503	0.3761	0.4761	0.4761	0.2761
R6BM1W	-0.3761	-0.4170	-0.1761	-0.0761	-0.0761	-0.2761
	0.1761	0.1503	0.3761	0.4761	0.4761	0.2761
R6BU1W	-0.4761	-0.5170	-0.2761	-0.1761	-0.1761	-0.3761
	0.0761	0.0503	0.2761	0.3761	0.3761	0.1761
R6CM1W	-0.5761	-0.6170	-0.3761	-0.2761	-0.2761	-0.4761
	-0.0239	-0.0497	0.1761	0.2761	0.2761	0.0761

	R4CM1W	R4CM2W	R5AD1W	R5AM1W	R5AN1W	R5AU1W
R4CM2W	-0.2761					
	0.2761					
R5AD1W	0.0239	0.0239				
	0.5761	0.5761				
R5AM1W	-0.2761	-0.2761	-0.5761			
	0.2761	0.2761	-0.0239			

R5AN1W	-0.2761	-0.2761	-0.5761	-0.2761		
	0.2761	0.2761	-0.0239	0.2761		
R5AU1W	-0.2761	-0.2761	-0.5761	-0.2761	-0.2761	
	0.2761	0.2761	-0.0239	0.2761	0.2761	
R5BD1W	-0.0761	-0.0761	-0.3761	-0.0761	-0.0761	-0.0761
	0.4761	0.4761	0.1761	0.4761	0.4761	0.4761
R5BM1W	-0.0761	-0.0761	-0.3761	-0.0761	-0.0761	-0.0761
	0.4761	0.4761	0.1761	0.4761	0.4761	0.4761
R5BN1W	-0.2761	-0.2761	-0.5761	-0.2761	-0.2761	-0.2761
	0.2761	0.2761	-0.0239	0.2761	0.2761	0.2761
R5BU1W	-0.2761	-0.2761	-0.5761	-0.2761	-0.2761	-0.2761
	0.2761	0.2761	-0.0239	0.2761	0.2761	0.2761
R5CM1W	-0.1761	-0.1761	-0.4761	-0.1761	-0.1761	-0.1761
	0.3761	0.3761	0.0761	0.3761	0.3761	0.3761
R6AD1W	-0.1761	-0.1761	-0.4761	-0.1761	-0.1761	-0.1761
	0.3761	0.3761	0.0761	0.3761	0.3761	0.3761
R6AM1W	0.0239	0.0239	-0.2761	0.0239	0.0239	0.0239
	0.5761	0.5761	0.2761	0.5761	0.5761	0.5761
R6AM2W	-0.2761	-0.2761	-0.5761	-0.2761	-0.2761	-0.2761
	0.2761	0.2761	-0.0239	0.2761	0.2761	0.2761
R6AU1W	-0.0761	-0.0761	-0.3761	-0.0761	-0.0761	-0.0761
	0.4761	0.4761	0.1761	0.4761	0.4761	0.4761
R6BM1W	-0.0761	-0.0761	-0.3761	-0.0761	-0.0761	-0.0761
	0.4761	0.4761	0.1761	0.4761	0.4761	0.4761

R6BU1W	-0.1761	-0.1761	-0.4761	-0.1761	-0.1761	-0.1761
	0.3761	0.3761	0.0761	0.3761	0.3761	0.3761
R6CM1W	-0.2761	-0.2761	-0.5761	-0.2761	-0.2761	-0.2761
	0.2761	0.2761	-0.0239	0.2761	0.2761	0.2761

	R5BD1W	R5BM1W	R5BN1W	R5BU1W	R5CM1W	R6AD1W
R5BM1W	-0.2761					
	0.2761					
R5BN1W	-0.4761	-0.4761				
	0.0761	0.0761				
R5BU1W	-0.4761	-0.4761	-0.2761			
	0.0761	0.0761	0.2761			
R5CM1W	-0.3761	-0.3761	-0.1761	-0.1761		
	0.1761	0.1761	0.3761	0.3761		
R6AD1W	-0.3761	-0.3761	-0.1761	-0.1761	-0.2761	
	0.1761	0.1761	0.3761	0.3761	0.2761	
R6AM1W	-0.1761	-0.1761	0.0239	0.0239	-0.0761	-0.0761
	0.3761	0.3761	0.5761	0.5761	0.4761	0.4761
R6AM2W	-0.4761	-0.4761	-0.2761	-0.2761	-0.3761	-0.3761
	0.0761	0.0761	0.2761	0.2761	0.1761	0.1761
R6AU1W	-0.2761	-0.2761	-0.0761	-0.0761	-0.1761	-0.1761
	0.2761	0.2761	0.4761	0.4761	0.3761	0.3761
R6BM1W	-0.2761	-0.2761	-0.0761	-0.0761	-0.1761	-0.1761
	0.2761	0.2761	0.4761	0.4761	0.3761	0.3761

R6BU1W	-0.3761	-0.3761	-0.1761	-0.1761	-0.2761	-0.2761
	0.1761	0.1761	0.3761	0.3761	0.2761	0.2761
R6CM1W	-0.4761	-0.4761	-0.2761	-0.2761	-0.3761	-0.3761
	0.0761	0.0761	0.2761	0.2761	0.1761	0.1761

	R6AM1W	R6AM2W	R6AU1W	R6BM1W	R6BU1W
R6AM2W	-0.5761				
	-0.0239				
R6AU1W	-0.3761	-0.0761			
	0.1761	0.4761			
R6BM1W	-0.3761	-0.0761	-0.2761		
	0.1761	0.4761	0.2761		
R6BU1W	-0.4761	-0.1761	-0.3761	-0.3761	
	0.0761	0.3761	0.1761	0.1761	
R6CM1W	-0.5761	-0.2761	-0.4761	-0.4761	-0.3761
	-0.0239	0.2761	0.0761	0.0761	0.1761

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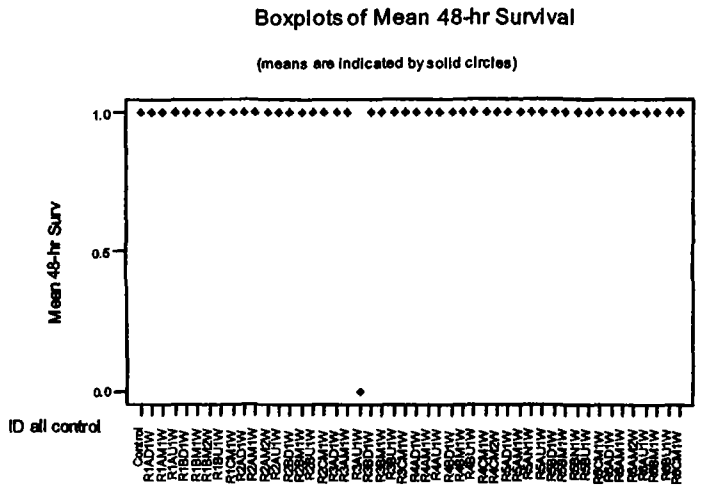
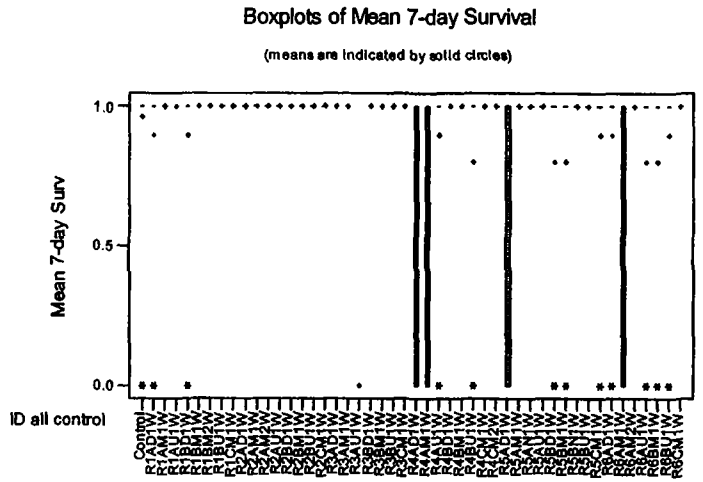
* NOTE * Existing file replaced.


Boxplots of Mean 48-hr Survival
(means are indicated by solid circles)
Mean 48-hr Surv
1.0
0.5
0.0
ID all control


Boxplots of Mean 7-day Survival
(means are indicated by solid circles)
Mean 7-day Surv
1.0
0.5
0.0
ID all control

Current worksheet: Ceriodaphnia's.MTW

One-way Analysis of Variance

**********CERIODAPHNIA NEONATE PRODUCTION*********

One-way Analysis of Variance

Analysis of Variance for R-1 NEONATE

Source	DF	SS	MS	F	P
R-1	8	1496.4	187.1	2.71	0.011
Error	81	5598.5	69.1		
Total	89	7094.9			

```
                                  Individual 95% CIs For Mean
                                  Based on Pooled StDev
Level        N      Mean     StDev  -----+---------+---------+---------+-
Control     10    23.400     8.235   (------*-------)
R1AD1W      10    34.100     6.806                  (-------*------)
R1AM1W      10    32.500    11.559                (------*-------)
R1AU1W      10    34.900     4.332                   (-------*------)
R1BD1W      10    31.900     9.814               (-------*------)
R1BM1W      10    27.600    11.937         (------*-------)
R1BM2W      10    34.600     8.140                   (------*-------)
R1BU1W      10    31.300     6.734              (-------*------)
R1CM1W      10    38.000     2.261                        (------*-------)
                                  -----+---------+---------+---------+-
Pooled StDev =    8.314               21.0      28.0      35.0      42.0
```

Dunnett's intervals for treatment mean minus control mean

```
    Family error rate = 0.0500
Individual error rate = 0.00818
```

```
Critical value = 2.71

Control = level (Control) of R-1

Level        Lower    Center     Upper ------+---------+---------+---------+-
R1AD1W       0.619    10.700    20.781        (---------*---------)
R1AM1W      -0.981     9.100    19.181      (---------*---------)
R1AU1W       1.419    11.500    21.581        (----------*---------)
R1BD1W      -1.581     8.500    18.581     (----------*---------)
R1BM1W      -5.881     4.200    14.281 (---------*---------)
R1BM2W       1.119    11.200    21.281        (---------*---------)
R1BU1W      -2.181     7.900    17.981     (---------*---------)
R1CM1W       4.519    14.600    24.681            (---------*---------)
                                       ------+---------+---------+---------+-
                                             0        10        20        30


Tukey's pairwise comparisons

    Family error rate = 0.0500
Individual error rate = 0.00203

Critical value = 4.51

Intervals for (column level mean) - (row level mean)

           Control     R1AD1W      R1AM1W      R1AU1W      R1BD1W      R1BM1W

 R1AD1W      -22.56
               1.16

 R1AM1W      -20.96      -10.26
               2.76       13.46

 R1AU1W      -23.36      -12.66      -14.26
               0.36       11.06        9.46
```

R1BD1W	-20.36	-9.66	-11.26	-8.86		
	3.36	14.06	12.46	14.86		
R1BM1W	-16.06	-5.36	-6.96	-4.56	-7.56	
	7.66	18.36	16.76	19.16	16.16	
R1BM2W	-23.06	-12.36	-13.96	-11.56	-14.56	-18.86
	0.66	11.36	9.76	12.16	9.16	4.86
R1BU1W	-19.76	-9.06	-10.66	-8.26	-11.26	-15.56
	3.96	14.66	13.06	15.46	12.46	8.16
R1CM1W	-26.46	-15.76	-17.36	-14.96	-17.96	-22.26
	-2.74	7.96	6.36	8.76	5.76	1.46

	R1BM2W	R1BU1W
R1BU1W	-8.56	
	15.16	
R1CM1W	-15.26	-18.56
	8.46	5.16

One-way Analysis of Variance

Analysis of Variance for R-2 Neon

Source	DF	SS	MS	F	P
R-2	8	872.2	109.0	2.50	0.018
Error	81	3528.1	43.6		
Total	89	4400.3			

```
                                  Individual 95% CIs For Mean
                                  Based on Pooled StDev
Level        N      Mean     StDev ---------+---------+---------+-------
Control     10    28.800     7.700 (------*------)
R2AD1W      10    33.600     9.778         (------*------)
R2AM1W      10    34.800     8.854           (------*------)
R2AM2W      10    39.200     4.917                  (------*------)
R2AU1W      10    33.700     5.851         (------*------)
R2BD1W      10    39.500     3.240                   (------*------)
R2BM1W      10    34.500     8.515           (------*-----)
R2BU1W      10    36.900     3.178               (-----*------)
R2CM1W      10    37.100     2.685               (------*------)
                                  ---------+---------+---------+-------
Pooled StDev =    6.600                 30.0      36.0      42.0
```

```
Dunnett's intervals for treatment mean minus control mean

    Family error rate = 0.0500
Individual error rate = 0.00818

Critical value = 2.71

Control = level (Control) of R-2

Level        Lower    Center     Upper ------+---------+---------+---------+-
R2AD1W      -3.203     4.800    12.803  (------------*------------)
R2AM1W      -2.003     6.000    14.003    (------------*------------)
```

```
R2AM2W       2.397    10.400    18.403            (------------*-------------)
R2AU1W      -3.103     4.900    12.903   (------------*-------------)
R2BD1W       2.697    10.700    18.703            (-------------*------------)
R2BM1W      -2.303     5.700    13.703    (-------------*------------)
R2BU1W       0.097     8.100    16.103        (------------*-------------)
R2CM1W       0.297     8.300    16.303        (-------------*------------)
                                        ------+---------+---------+---------+-
                                            0.0       6.0      12.0      18.0
```

Tukey's pairwise comparisons

Family error rate = 0.0500
Individual error rate = 0.00203

Critical value = 4.51

Intervals for (column level mean) - (row level mean)

	Control	R2AD1W	R2AM1W	R2AM2W	R2AU1W	R2BD1W
R2AD1W	-14.212 4.612					
R2AM1W	-15.412 3.412	-10.612 8.212				
R2AM2W	-19.812 -0.988	-15.012 3.812	-13.812 5.012			
R2AU1W	-14.312 4.512	-9.512 9.312	-8.312 10.512	-3.912 14.912		
R2BD1W	-20.112 -1.288	-15.312 3.512	-14.112 4.712	-9.712 9.112	-15.212 3.612	

R2BM1W	-15.112	-10.312	-9.112	-4.712	-10.212	-4.412
	3.712	8.512	9.712	14.112	8.612	14.412
R2BU1W	-17.512	-12.712	-11.512	-7.112	-12.612	-6.812
	1.312	6.112	7.312	11.712	6.212	12.012
R2CM1W	-17.712	-12.912	-11.712	-7.312	-12.812	-7.012
	1.112	5.912	7.112	11.512	6.012	11.812

	R2BM1W	R2BU1W
R2BU1W	-11.812	
	7.012	
R2CM1W	-12.012	-9.612
	6.812	9.212

One-way Analysis of Variance

Analysis of Variance for R-3 Neon

Source	DF	SS	MS	F	P
R-3	7	12260.8	1751.5	54.81	0.000
Error	72	2300.8	32.0		
Total	79	14561.5			

```
                                   Individual 95% CIs For Mean
                                   Based on Pooled StDev
Level        N      Mean     StDev ---+---------+---------+---------+---
Control     10    31.200     7.983                          (--*--)
R3AD1W      10     9.300     4.855          (--*--)
R3AM1W      10    17.300     5.794                (--*--)
R3AU1W      10     0.000     0.000  (--*--)
R3BD1W      10    31.700     7.804                          (--*--)
R3BM1W      10    17.000     4.110                (--*--)
R3BU1W      10     6.100     6.173       (--*--)
R3CM1W      10    36.000     4.346                              (--*--)
                                   ---+---------+---------+---------+---
Pooled StDev =    5.653               0        12        24        36
```

Dunnett's intervals for treatment mean minus control mean

Family error rate = 0.0500
Individual error rate = 0.00918

Critical value = 2.68

Control = level (Control) of R-3

```
Level        Lower    Center     Upper ------+---------+---------+---------+-
R3AD1W     -28.669   -21.900   -15.131        (---*----)
R3AM1W     -20.669   -13.900    -7.131             (----*---)
R3AU1W     -37.969   -31.200   -24.431  (---*----)
R3BD1W      -6.269     0.500     7.269                       (---*----)
R3BM1W     -20.969   -14.200    -7.431             (----*---)
```

```
R3BU1W     -31.869   -25.100   -18.331      (---*----)
R3CM1W      -1.969     4.800    11.569                          (---*----)
                                        ------+---------+---------+---------+-
                                            -30       -15         0        15
```

Tukey's pairwise comparisons

Family error rate = 0.0500
Individual error rate = 0.00256

Critical value = 4.42

Intervals for (column level mean) - (row level mean)

	Control	R3AD1W	R3AM1W	R3AU1W	R3BD1W	R3BM1W
R3AD1W	13.999 29.801					
R3AM1W	5.999 21.801	-15.901 -0.099				
R3AU1W	23.299 39.101	1.399 17.201	9.399 25.201			
R3BD1W	-8.401 7.401	-30.301 -14.499	-22.301 -6.499	-39.601 -23.799		
R3BM1W	6.299 22.101	-15.601 0.201	-7.601 8.201	-24.901 -9.099	6.799 22.601	
R3BU1W	17.199 33.001	-4.701 11.101	3.299 19.101	-14.001 1.801	17.699 33.501	2.999 18.801
R3CM1W	-12.701	-34.601	-26.601	-43.901	-12.201	-26.901

	3.101	-18.799	-10.799	-28.099	3.601	-11.099
	R3BU1W					
R3CM1W	-37.801					
	-21.999					

One-way Analysis of Variance

Analysis of Variance for R-4 Neon

Source	DF	SS	MS	F	P
R-4	7	2337	334	2.57	0.020
Error	71	9225	130		
Total	78	11561			

```
                                   Individual 95% CIs For Mean
                                   Based on Pooled StDev
Level        N      Mean     StDev ---------+---------+---------+--------
Control     10     24.50      7.50                 (-------*------)
R4AD1W      10      9.20     10.95 (------*------)
R4AM1W       9     11.22     13.07   (------*-------)
R4AU1W      10     16.70     10.03         (------*------)
R4BD1W      10     25.60      9.25                 (-------*------)
R4BM1W      10     21.60     12.75             (-------*------)
R4CM1W      10     19.00     13.69           (------*------)
R4CM2W      10     18.00     12.68          (------*------)
                                   --------+---------+---------+--------
Pooled StDev =     11.40                   10        20        30
```

Dunnett's intervals for treatment mean minus control mean

Family error rate = 0.0500
Individual error rate = 0.00915

Critical value = 2.68

Control = level (Control) of R-4

```
Level        Lower    Center     Upper -----+---------+---------+---------+--
R4AD1W      -28.96    -15.30     -1.64  (----------*----------)
R4AM1W      -27.31    -13.28      0.76   (-----------*-----------)
R4AU1W      -21.46     -7.80      5.86        (-----------*----------)
R4BD1W      -12.56      1.10     14.76                (----------*----------)
```

```
R4BM1W      -16.56     -2.90     10.76          (-----------*----------)
R4CM1W      -19.16     -5.50      8.16        (----------*-----------)
R4CM2W      -20.16     -6.50      7.16       (-----------*----------)
                                        -----+---------+---------+---------+--
                                           -24       -12         0        12
```

Tukey's pairwise comparisons

Family error rate = 0.0500
Individual error rate = 0.00257

Critical value = 4.42

Intervals for (column level mean) - (row level mean)

	Control	R4AD1W	R4AM1W	R4AU1W	R4BD1W	R4BM1W
R4AD1W	-0.63 31.23					
R4AM1W	-3.09 29.65	-18.39 14.35				
R4AU1W	-8.13 23.73	-23.43 8.43	-21.85 10.89			
R4BD1W	-17.03 14.83	-32.33 -0.47	-30.75 1.99	-24.83 7.03		
R4BM1W	-13.03 18.83	-28.33 3.53	-26.75 5.99	-20.83 11.03	-11.93 19.93	
R4CM1W	-10.43 21.43	-25.73 6.13	-24.15 8.59	-18.23 13.63	-9.33 22.53	-13.33 18.53

R4CM2W	-9.43	-24.73	-23.15	-17.23	-8.33	-12.33
	22.43	7.13	9.59	14.63	23.53	19.53

	R4CM1W
R4CM2W	-14.93
	16.93

One-way Analysis of Variance

Analysis of Variance for R-5 Neon

Source	DF	SS	MS	F	P
R-5	9	10731	1192	10.39	0.000
Error	90	10331	115		
Total	99	21063			

Level	N	Mean	StDev
Control	10	17.00	12.16
R5AD1W	10	9.00	7.70
R5AM1W	10	8.50	5.02
R5AN1W	10	38.40	4.35
R5AU1W	10	33.10	11.88
R5BD1W	10	17.00	12.16
R5BM1W	10	13.80	12.84
R5BN1W	10	35.20	6.21
R5BU1W	10	22.50	15.42
R5CM1W	10	15.00	12.90

Pooled StDev = 10.71

```
                    Individual 95% CIs For Mean
                    Based on Pooled StDev
---------+---------+---------+-------
        (----*-----)
 (----*-----)
(-----*-----)
                                (-----*-----)
                            (-----*----)
        (----*-----)
     (----*-----)
                              (----*-----)
                      (-----*----)
      (----*-----)
---------+---------+---------+-------
        12        24        36
```

Dunnett's intervals for treatment mean minus control mean

Family error rate = 0.0500
Individual error rate = 0.00739

Critical value = 2.74

Control = level (Control) of R-5

Level	Lower	Center	Upper
R5AD1W	-21.13	-8.00	5.13
R5AM1W	-21.63	-8.50	4.63

```
-----+---------+---------+---------+--
(--------*-------)
(-------*--------)
```

```
R5AN1W        8.27     21.40     34.53                      (-------*--------)
R5AU1W        2.97     16.10     29.23                  (--------*-------)
R5BD1W      -13.13      0.00     13.13        (--------*--------)
R5BM1W      -16.33     -3.20      9.93      (--------*--------)
R5BN1W        5.07     18.20     31.33                   (--------*--------)
R5BU1W       -7.63      5.50     18.63            (--------*-------)
R5CM1W      -15.13     -2.00     11.13       (--------*-------)
                                        -----+---------+---------+---------+--
                                           -15         0        15        30
```

Tukey's pairwise comparisons

```
    Family error rate = 0.0500
Individual error rate = 0.00165

Critical value = 4.59

Intervals for (column level mean) - (row level mean)

           Control     R5AD1W      R5AM1W      R5AN1W      R5AU1W      R5BD1W

 R5AD1W       -7.55
              23.55

 R5AM1W       -7.05      -15.05
              24.05       16.05

 R5AN1W      -36.95      -44.95      -45.45
              -5.85      -13.85      -14.35

 R5AU1W      -31.65      -39.65      -40.15      -10.25
              -0.55       -8.55       -9.05       20.85

 R5BD1W      -15.55      -23.55      -24.05        5.85        0.55
              15.55        7.55        7.05       36.95       31.65
```

R5BM1W	-12.35	-20.35	-20.85	9.05	3.75	-12.35
	18.75	10.75	10.25	40.15	34.85	18.75
R5BN1W	-33.75	-41.75	-42.25	-12.35	-17.65	-33.75
	-2.65	-10.65	-11.15	18.75	13.45	-2.65
R5BU1W	-21.05	-29.05	-29.55	0.35	-4.95	-21.05
	10.05	2.05	1.55	31.45	26.15	10.05
R5CM1W	-13.55	-21.55	-22.05	7.85	2.55	-13.55
	17.55	9.55	9.05	38.95	33.65	17.55

	R5BM1W	R5BN1W	R5BU1W
R5BN1W	-36.95		
	-5.85		
R5BU1W	-24.25	-2.85	
	6.85	28.25	
R5CM1W	-16.75	4.65	-8.05
	14.35	35.75	23.05

One-way Analysis of Variance

Analysis of Variance for R-6 NEONATE

Source	DF	SS	MS	F	P
R-6	7	3573	510	2.48	0.024
Error	72	14821	206		
Total	79	18394			

```
                                   Individual 95% CIs For Mean
                                   Based on Pooled StDev
Level        N      Mean     StDev  -+---------+---------+---------+-----
Control     10     26.10     10.67                (-------*------)
R6AD1W      10     19.50     12.83            (------*-------)
R6AM1W      10     20.70     18.14             (------*-------)
R6AM2W      10     30.80     11.41                     (-------*------)
R6AU1W      10     18.10     16.85           (------*-------)
R6BM1W      10      8.30     13.41  (-------*------)
R6BU1W      10     19.40     17.13            (------*-------)
R6CM1W      10     28.90     12.32                    (------*-------)
                                   -+---------+---------+---------+-----
Pooled StDev =     14.35              0        12        24        36
```

Dunnett's intervals for treatment mean minus control mean

Family error rate = 0.0500
Individual error rate = 0.00918

Critical value = 2.68

Control = level (Control) of R-6

```
Level        Lower    Center     Upper ----+---------+---------+---------+---
R6AD1W      -23.78     -6.60     10.58         (-----------*----------)
R6AM1W      -22.58     -5.40     11.78          (----------*-----------)
R6AM2W      -12.48      4.70     21.88                 (----------*-----------)
R6AU1W      -25.18     -8.00      9.18        (-----------*----------)
```

```
R6BM1W      -34.98    -17.80     -0.62  (----------*-----------)
R6BU1W      -23.88     -6.70     10.48          (-----------*----------)
R6CM1W      -14.38      2.80     19.98                (-----------*----------)
                                       ----+---------+---------+---------+---
                                         -30       -15         0        15
```

Tukey's pairwise comparisons

Family error rate = 0.0500
Individual error rate = 0.00256

Critical value = 4.42

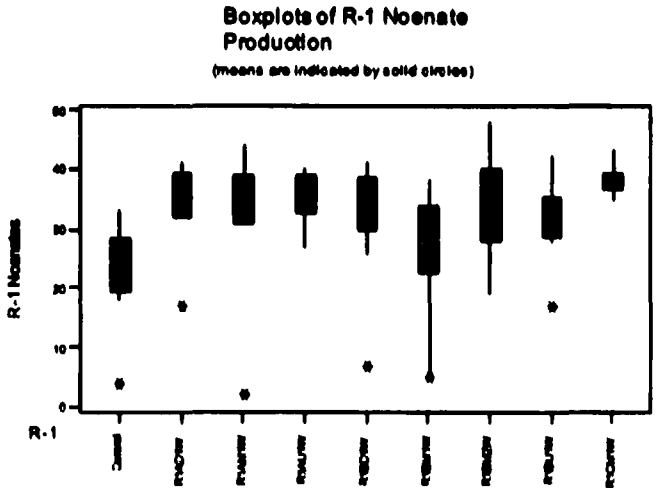
Intervals for (column level mean) - (row level mean)

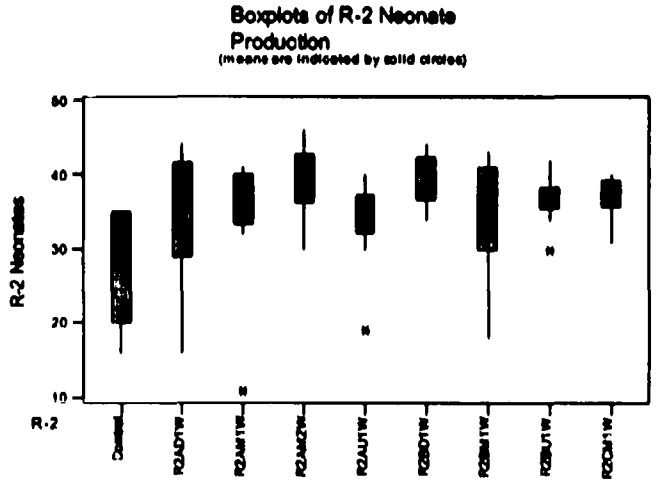
	Control	R6AD1W	R6AM1W	R6AM2W	R6AU1W	R6BM1W
R6AD1W	-13.45 26.65					
R6AM1W	-14.65 25.45	-21.25 18.85				
R6AM2W	-24.75 15.35	-31.35 8.75	-30.15 9.95			
R6AU1W	-12.05 28.05	-18.65 21.45	-17.45 22.65	-7.35 32.75		
R6BM1W	-2.25 37.85	-8.85 31.25	-7.65 32.45	2.45 42.55	-10.25 29.85	
R6BU1W	-13.35 26.75	-19.95 20.15	-18.75 21.35	-8.65 31.45	-21.35 18.75	-31.15 8.95

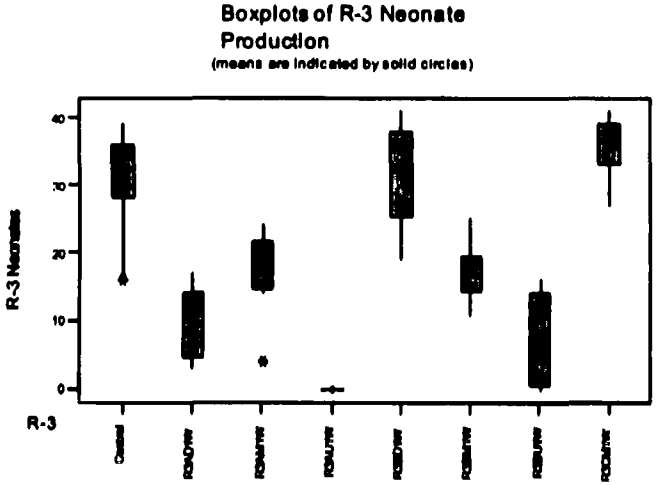
R6CM1W	-22.85	-29.45	-28.25	-18.15	-30.85	-40.65
	17.25	10.65	11.85	21.95	9.25	-0.55

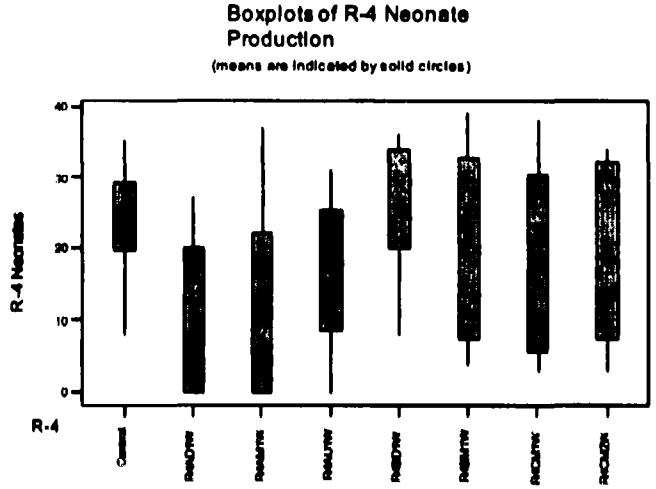
	R6BU1W
R6CM1W	-29.55
	10.55

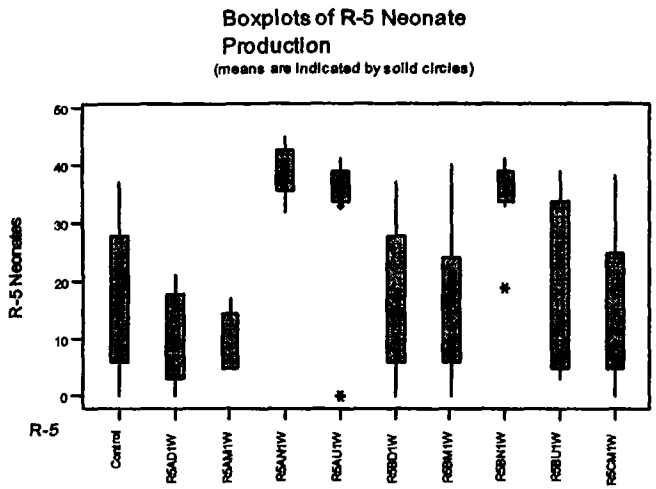
Saving file as: Q:\Projects\Sauget\Aquatic ERA\AnalyticalResults\ceriodaphnia\ ANOVA Statistics.MPJ
* NOTE * Existing file replaced.

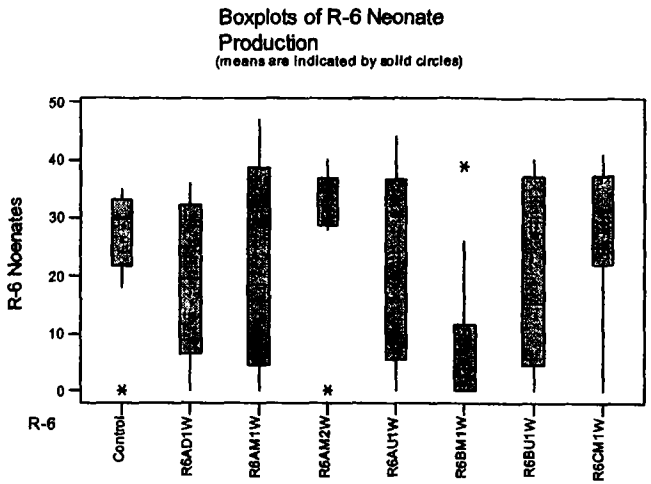

Boxplots of R-1 Neonate Production
(means are indicated by solid circles)
R-1 Neonates
R-1


Boxplots of R-2 Neonate Production
(means are indicated by solid circles)
R-2 Neonates
R-2


Boxplots of R-3 Neonate Production
(means are indicated by solid circles)
R-3 Neonates
R-3


Boxplots of R-4 Neonate Production
(means are indicated by solid circles)
R-4 Neonates
R-4


Boxplots of R-5 Neonate Production
(means are indicated by solid circles)
R-5 Neonates
0
10
20
30
40
50
R-5
Control
R5AD1W
R5AM1W
R5AN1W
R5AU1W
R5BD1W
R5BM1W
R5BN1W
R5BU1W
R5CM1W


Boxplots of R-6 Neonate Production
(means are indicated by solid circles)
R-6 Neonates
0
10
20
30
40
50
R-6
Control
R6AD1W
R6AM1W
R6AM2W
R6AU1W
R6BM1W
R6BU1W
R6CM1W

AMEC - Sauget

Site R1

***Pimephales* Summary Results**

Chronic

Site	Rep	# Alive	% Survival	Mean % Survival	Total Weight (mg)	Weight per Org (mg)	Mean Wt. per Org (mg)
CONTROL	A	9	90		3.17	0.35	
	B	10	100		3.07	0.31	
	C	9	90		2.97	0.33	
	D	10	100	95	3.73	0.37	0.34
R1AU1W	A	9	90		3.49	0.39	
	B	10	100		3.13	0.31	
	C	10	100		3.00	0.30	
	D	8	80	93	3.40	0.43	0.36
R1AD1W	A	6	60		3.19	0.53	
	B	10	100		3.14	0.31	
	C	10	100		3.10	0.31	
	D	10	100	90	3.39	0.34	0.37
R1BM2W	A	10	100		2.86	0.29	
	B	10	100		3.02	0.30	
	C	9	90		2.45	0.27	
	D	10	100	98	3.06	0.31	0.29
R1CM1W	A	10	100		3.65	0.37	
	B	10	100		3.28	0.33	
	C	9	90		3.46	0.38	
	D	10	100	98	3.49	0.35	0.36
R1AM1W	A	10	100		3.38	0.34	
	B	10	100		3.55	0.36	
	C	10	100		2.86	0.29	
	D	10	100	100	3.39	0.34	0.33
R1BD1W	A	10	100		3.57	0.36	
	B	10	100		3.58	0.36	
	C	8	80		3.23	0.40	
	D	10	100	95	3.23	0.32	0.36
R1BM1W	A	10	100		2.57	0.26	
	B	10	100		3.63	0.36	
	C	10	100		3.63	0.36	
	D	10	100	100	3.38	0.34	0.33
R1BU1W	A	10	100		3.23	0.32	
	B	8	80		3.45	0.43	
	C	10	100		3.51	0.35	
	D	10	100	95	3.62	0.36	0.37

Acute - 96 hour Survival

Site	Rep	# Alive	% Survival	Mean % Survival
CONTROL	A	9	90	
	B	10	100	
	C	10	100	
	D	10	100	98
R1AU1W	A	9	90	
	B	10	100	
	C	10	100	
	D	10	100	98
R1AD1W	A	6	60	
	B	10	100	
	C	10	100	
	D	10	100	90
R1BM2W	A	10	100	
	B	10	100	
	C	10	100	
	D	10	100	100
R1CM1W	A	10	100	
	B	10	100	
	C	10	100	
	D	10	100	100
R1AM1W	A	10	100	
	B	10	100	
	C	10	100	
	D	10	100	100
R1BD1W	A	10	100	
	B	10	100	
	C	9	90	
	D	10	100	98
R1BM1W	A	10	100	
	B	10	100	
	C	10	100	
	D	10	100	100
R1BU1W	A	10	100	
	B	8	80	
	C	10	100	
	D	10	100	95

AMEC - Sauget
Site R2
***Pimephales* Summary Results**
Chronic

Site	Rep	# Alive	% Survival	Mean % Survival	Total Weight (mg)	Weight per Org (mg)	Mean Wt. per Org (mg)
CONTROL	A	10	100		3.78	0.38	
	B	10	100		4.25	0.43	
	C	9	90		4.03	0.45	
	D	10	100	98	3.70	0.37	0.41
R2AM2W	A	10	100		3.78	0.38	
	B	7	70		2.96	0.42	
	C	10	100		3.76	0.38	
	D	9	90	90	3.33	0.37	0.39
R2AD1W	A	10	100		3.83	0.38	
	B	8	80		3.29	0.41	
	C	9	90		3.35	0.37	
	D	9	90	90	3.87	0.43	0.40
R2AU1W	A	10	100		3.45	0.35	
	B	10	100		3.74	0.37	
	C	10	100		3.85	0.39	
	D	10	100	100	3.51	0.35	0.36
R2AM1W	A	9	90		3.60	0.40	
	B	10	100		3.98	0.40	
	C	10	100		3.31	0.33	
	D	9	90	95	3.27	0.36	0.37
R2BM1W	A	10	100		3.97	0.40	
	B	9	90		3.21	0.36	
	C	10	100		3.74	0.37	
	D	10	100	97.5	3.37	0.34	0.37
R2CM1W	A	10	100		3.75	0.38	
	B	9	90		3.48	0.39	
	C	9	90		3.77	0.42	
	D	10	100	95	4.19	0.42	0.40
R2BD1W	A	10	100		3.40	0.34	
	B	9	90		3.38	0.38	
	C	10	100		3.60	0.36	
	D	10	100	97.5	3.23	0.32	0.35
R2BU1W	A	7	70		2.71	0.39	
	B	9	90		3.49	0.39	
	C	9	90		3.44	0.38	
	D	10	100	87.5	3.44	0.34	0.38

Acute - 96 hour Survival

Site	Rep	# Alive	% Survival	Mean % Survival
CONTROL	A	10	100	
	B	10	100	
	C	9	90	
	D	10	100	98
R2AM2W	A	10	100	
	B	7	70	
	C	10	100	
	D	9	90	90
R2AD1W	A	10	100	
	B	8	80	
	C	10	100	
	D	9	90	92.5
R2AU1W	A	10	100	
	B	10	100	
	C	10	100	
	D	10	100	100
R2AM1W	A	9	90	
	B	10	100	
	C	10	100	
	D	10	100	98
R2BM1W	A	10	100	
	B	9	90	
	C	10	100	
	D	10	100	97.5
R2CM1W	A	10	100	
	B	9	90	
	C	10	100	
	D	10	100	98
R2BD1W	A	10	100	
	B	9	90	
	C	10	100	
	D	10	100	97.5
R2BU1W	A	8	80	
	B	9	90	
	C	9	90	
	D	10	100	90

AMEC - Sauget

Site R3

***Pimephales* Summary Results**

Chronic

Site	Rep	# Alive	% Survival	Mean % Survival	Total Weight (mg)	Weight per Org (mg)	Mean Wt. per Org (mg)
CONTROL	A	10	100		2.96	0.30	
	B	9	90		2.87	0.32	
	C	10	100		3.18	0.32	
	D	9	90	95	2.68	0.30	0.31
R3AM1W	A	10	100		3.65	0.37	
	B	10	100		4.09	0.41	
	C	8	80		3.25	0.41	
	D	9	90	93	3.13	0.35	0.38
R3AD1W	A	10	100		2.90	0.29	
	B	10	100		3.29	0.33	
	C	10	100		3.08	0.31	
	D	9	90	98	3.02	0.34	0.32
R3BD1W	A	10	100		2.84	0.28	
	B	10	100		3.20	0.32	
	C	9	90		2.95	0.33	
	D	9	90	95	2.79	0.31	0.31
R3BM1W	A	9	90		3.33	0.37	
	B	9	90		3.60	0.40	
	C	9	90		3.45	0.38	
	D	10	100	93	3.47	0.35	0.38
R3CM1W	A	10	100		2.84	0.28	
	B	10	100		3.43	0.34	
	C	10	100		3.58	0.36	
	D	9	90	98	3.19	0.35	0.33
R3AU1W	A	9	90		3.01	0.33	
	B	10	100		2.86	0.29	
	C	8	80		2.65	0.33	
	D	8	80	88	2.61	0.33	0.32
R3BU1W	A	9	90		2.98	0.33	
	B	10	100		3.14	0.31	
	C	9	90		2.68	0.30	
	D	10	100	95	3.39	0.34	0.32

Acute - 96 hour Survival

Site	Rep	# Alive	% Survival	Mean % Survival
CONTROL	A	10	100	
	B	10	100	
	C	10	100	
	D	9	90	98
R3AM1W	A	10	100	
	B	10	100	
	C	8	80	
	D	10	100	95
R3AD1W	A	10	100	
	B	10	100	
	C	10	100	
	D	9	90	98
R3BD1W	A	10	100	
	B	10	100	
	C	10	100	
	D	9	90	98
R3BM1W	A	9	90	
	B	9	90	
	C	9	90	
	D	10	100	93
R3CM1W	A	10	100	
	B	10	100	
	C	10	100	
	D	10	100	100
R3AU1W	A	10	100	
	B	10	100	
	C	10	100	
	D	9	90	98
R3BU1W	A	9	90	
	B	10	100	
	C	9	90	
	D	10	100	95

AMEC - Sauget
Site R4
***Pimephales* Summary Results**
Chronic

Site	Rep	# Alive	% Survival	Mean % Survival	Total Weight (mg)	Weight per Org (mg)	Mean Wt. per Org (mg)
CONTROL	A	10	100		4.61	0.46	
	B	10	100		4.31	0.43	
	C	9	90		4.13	0.46	
	D	10	100	98	4.19	0.42	0.44
R4BD1W	A	10	100		3.98	0.40	
	B	10	100		4.22	0.42	
	C	8	80		3.64	0.46	
	D	10	100	95	4.07	0.41	0.42
R4AD1W	A	8	80		4.04	0.51	
	B	9	90		4.09	0.45	
	C	8	80		3.58	0.45	
	D	6	60	78	3.18	0.53	0.48
R4AM1W	A	8	80		3.78	0.47	
	B	10	100		3.86	0.39	
	C	10	100		3.87	0.39	
	D	10	100	95	4.01	0.40	0.41
R4CM1W	A	10	100		4.48	0.45	
	B	10	100		4.38	0.44	
	C	3	30		2.36	0.79	
	D	9	90	80	4.08	0.45	0.53
R4CM2W	A	8	80		4.08	0.51	
	B	10	100		4.64	0.46	
	C	10	100		4.08	0.41	
	D	9	90	93	4.64	0.52	0.47
R4AU1W	A	9	90		4.30	0.48	
	B	10	100		4.09	0.41	
	C	8	80		4.31	0.54	
	D	10	100	93	4.12	0.41	0.46
R4BU1W	A	10	100		4.40	0.44	
	B	10	100		4.20	0.42	
	C	10	100		3.85	0.39	
	D	10	100	100	4.34	0.43	0.42
R4BM1W	A	10	100		4.66	0.47	
	B	10	100		4.33	0.43	
	C[a]	11	100		4.37	0.40	
	D	8	80	95	3.56	0.45	0.44

Acute - 96 hour Survival

Site	Rep	# Alive	% Survival	Mean % Survival
CONTROL	A	10	100	
	B	10	100	
	C	9	90	
	D	10	100	98
R4BD1W	A	10	100	
	B	10	100	
	C	8	80	
	D	10	100	95
R4AD1W	A	9	90	
	B	9	90	
	C	8	80	
	D	6	60	80
R4AM1W	A	9	90	
	B	10	100	
	C	10	100	
	D	10	100	98
R4CM1W	A	10	100	
	B	10	100	
	C	5	50	
	D	9	90	85
R4CM2W	A	10	100	
	B	10	100	
	C	10	100	
	D	9	90	98
R4AU1W	A	9	90	
	B	10	100	
	C	8	80	
	D	10	100	93
R4BU1W	A	10	100	
	B	10	100	
	C	10	100	
	D	10	100	100
R4BM1W	A	10	100	
	B	10	100	
	C[a]	11	100	
	D	9	90	98

[a] - initiated with 11 larvae

Site R5
Pimephales Summary Results

Chronic

Site	Rep	# Alive	% Survival	Mean % Survival	Total Weight (mg)	Weight per Org (mg)	Mean Wt. per Org (mg)
CONTROL	A	10	100		3.73	0.37	
	B	9	90		3.49	0.39	
	C	10	100		3.61	0.36	
	D	10	100	98	3.66	0.37	0.37
R5AD1W	A	10	100		3.30	0.33	
	B	8	80		3.18	0.40	
	C	9	90		3.24	0.36	
	D	na	na	90	na	na	0.36
R5AM1W	A	9	90		3.41	0.38	
	B	10	100		3.49	0.35	
	C	8	80		3.26	0.41	
	D	8	80	88	2.49	0.31	0.36
R5AU1W	A	10	100		3.61	0.36	
	B	10	100		3.89	0.39	
	C	10	100		3.74	0.37	
	D	10	100	100	3.53	0.35	0.37
R5BD1W	A	10	100		3.57	0.36	
	B	10	100		4.07	0.41	
	C	9	90		3.35	0.37	
	D	8	80	93	2.86	0.36	0.37
R5BU1W	A	10	100		3.02	0.30	
	B	10	100		3.85	0.39	
	C	9	90		3.20	0.36	
	D	8	80	93	3.04	0.38	0.36
R5BM1W	A	9	90		3.49	0.39	
	B	9	90		4.06	0.45	
	C	10	100		4.17	0.42	
	D	10	100	95	4.29	0.43	0.42
R5CM1W	A	10	100		3.58	0.36	
	B	7	70		3.27	0.47	
	C	10	100		3.74	0.37	
	D	10	100	93	3.32	0.33	0.38
R5BN1W	A	10	100		3.89	0.39	
	B	9	90		3.47	0.39	
	C	6	60		2.73	0.46	
	D	10	100	88	3.91	0.39	0.41

R5AN1W	A	9	90		3.31	0.37	
	B	10	100		4.28	0.43	
	C	10	100		3.55	0.36	
	D	10	100	98	3.72	0.37	0.38

na - replicate spilled during test period; fish lost

Acute - 96 hour Survival

Site	Rep	# Alive	% Survival	Mean % Survival
CONTROL	A	10	100	
	B	10	100	
	C	10	100	
	D	10	100	100
R5AD1W	A	10	100	
	B	9	90	
	C	10	100	
	D	9	90	95
R5AM1W	A	9	90	
	B	10	100	
	C	8	80	
	D	9	90	90
R5AU1W	A	10	100	
	B	10	100	
	C	10	100	
	D	10	100	100
R5BD1W	A	10	100	
	B	10	100	
	C	10	100	
	D	9	90	98
R5BU1W	A	10	100	
	B	10	100	
	C	9	90	
	D	8	80	93
R5BM1W	A	10	100	
	B	9	90	
	C	10	100	
	D	10	100	98
R5CM1W	A	10	100	
	B	7	70	
	C	10	100	
	D	10	100	93
				Mean

Site	Rep	# Alive	% Survival	% Survival
R5BN1W	A	10	100	
	B	9	90	
	C	6	60	
	D	10	100	88
R5AN1W	A	9	90	
	B	10	100	
	C	10	100	
	D	10	100	98

AMEC - Sauget
Site R6
***Pimephales* Summary Results**

Chronic

Site	Rep	# Alive	% Survival	Mean % Survival	Total Weight (mg)	Weight per Org (mg)	Mean Wt. per Org (mg)
CONTROL	A	7	70		2.92	0.42	
	B	9	90		3.26	0.36	
	C	10	100		3.89	0.39	
	D	10	100	90	3.73	0.37	0.39
R6AU1W	A	10	100		3.17	0.32	
	B	10	100		3.29	0.33	
	C	9	90		2.82	0.31	
	D	9	90	95	3.47	0.39	0.34
R6AD1W	A	9	90		3.42	0.38	
	B	10	100		3.38	0.34	
	C	10	100		3.09	0.31	
	D	10	100	98	3.33	0.33	0.34
R6BU1W	A	10	100		3.14	0.31	
	B	9	90		3.41	0.38	
	C	10	100		3.34	0.33	
	D	10	100	98	3.13	0.31	0.33
R6BM1W	A	9	90		3.47	0.39	
	B	10	100		3.57	0.36	
	C	10	100		3.52	0.35	
	D	5	50	85	1.94	0.39	0.37
R6CM1W	A	9	90		3.33	0.37	
	B	10	100		3.41	0.34	
	C	9	90		3.30	0.37	
	D	10	100	95	3.42	0.34	0.35
R6AM2W	A	10	100		3.12	0.31	
	B	9	90		3.31	0.37	
	C	10	100		3.17	0.32	
	D	10	100	98	3.04	0.30	0.33
R6AM1W	A	7	70		3.04	0.43	
	B	10	100		3.62	0.36	
	C	10	100		3.66	0.37	
	D	10	100	93	3.31	0.33	0.37

Acute - 96 hour Survival

Site	Rep	# Alive	% Survival	Mean % Survival
CONTROL	A	7	70	
	B	10	100	
	C	10	100	
	D	10	100	93
R6AU1W	A	10	100	
	B	10	100	
	C	9	90	
	D	9	90	95
R6AD1W	A	9	90	
	B	10	100	
	C	10	100	
	D	10	100	98
R6BU1W	A	10	100	
	B	10	100	
	C	10	100	
	D	10	100	100
R6BM1W	A	10	100	
	B	10	100	
	C	10	100	
	D	8	80	95
R6CM1W	A	9	90	
	B	10	100	
	C	9	90	
	D	10	100	95
R6AM2W	A	10	100	
	B	9	90	
	C	10	100	
	D	10	100	98
R6AM1W	A	7	70	
	B	10	100	
	C	10	100	
	D	10	100	93

********* PIMEPHALES CHRONIC AND ACUTE **********

One-way Analysis of Variance

Analysis of Variance for R-1 Chronic Survival

Source	DF	SS	MS	F	P
R-1	8	516	64	0.48	0.857
Error	27	3602	133		
Total	35	4118			

```
                                  Individual 95% CIs For Mean
                                  Based on Pooled StDev
Level        N      Mean     StDev ----+---------+---------+---------+--
CONTROL      4     80.78     10.64     (-----------*-----------)
R1AD1W       4     80.19     19.62    (-----------*-----------)
R1AM1W       4     90.00      0.00              (-----------*-----------)
R1AU1W       4     78.75     13.41   (-----------*-----------)
R1BD1W       4     83.36     13.28        (----------*-----------)
R1BM1W       4     90.00      0.00              (-----------*-----------)
R1BM2W       4     85.39      9.22          (----------*-----------)
R1BU1W       4     83.36     13.28        (----------*-----------)
R1CM1W       4     85.39      9.22          (----------*-----------)
                                  ----+---------+---------+---------+--
Pooled StDev =    11.55               70        80        90       100
```

Dunnett's intervals for treatment mean minus control mean

```
    Family error rate = 0.0500
Individual error rate = 0.00855

Critical value = 2.84

Control = level (CONTROL) of R-1

Level        Lower    Center     Upper ------+---------+---------+---------+-
R1AD1W      -23.75     -0.59     22.57  (--------------*-------------)
```

```
R1AM1W      -13.94      9.22     32.38        (--------------*-------------)
R1AU1W      -25.19     -2.03     21.13 (--------------*-------------)
R1BD1W      -20.59      2.58     25.74    (--------------*-------------)
R1BM1W      -13.94      9.22     32.38        (--------------*-------------)
R1BM2W      -18.55      4.61     27.77     (--------------*-------------)
R1BU1W      -20.59      2.58     25.74    (--------------*-------------)
R1CM1W      -18.55      4.61     27.77     (--------------*-------------)
                                       ------+---------+---------+---------+-
                                           -16         0        16        32
```

Tukey's pairwise comparisons

```
    Family error rate = 0.0500
Individual error rate = 0.00230

Critical value = 4.76

Intervals for (column level mean) - (row level mean)

           CONTROL     R1AD1W      R1AM1W      R1AU1W      R1BD1W      R1BM1W

 R1AD1W      -26.90
              28.08

 R1AM1W      -36.71      -37.30
              18.27       17.68

 R1AU1W      -25.46      -26.05      -16.24
              29.52       28.93       38.74

 R1BD1W      -30.06      -30.66      -20.85      -32.10
              24.91       24.32       34.13       22.88

 R1BM1W      -36.71      -37.30      -27.49      -38.74      -34.13
              18.27       17.68       27.49       16.24       20.85
```

R1BM2W	-32.10	-32.69	-22.88	-34.13	-29.52	-22.88
	22.88	22.29	32.10	20.85	25.46	32.10
R1BU1W	-30.06	-30.66	-20.85	-32.10	-27.49	-20.85
	24.91	24.32	34.13	22.88	27.49	34.13
R1CM1W	-32.10	-32.69	-22.88	-34.13	-29.52	-22.88
	22.88	22.29	32.10	20.85	25.46	32.10

	R1BM2W	R1BU1W
R1BU1W	-25.46	
	29.52	
R1CM1W	-27.49	-29.52
	27.49	25.46

One-way Analysis of Variance

Analysis of Variance for R-1 Acute Survival

Source	DF	SS	MS	F	P
R-1	8	408.7	51.1	0.56	0.798
Error	27	2448.3	90.7		
Total	35	2857.0			

```
                                   Individual 95% CIs For Mean
                                   Based on Pooled StDev
Level        N      Mean     StDev --+---------+---------+---------+----
CONTROL      4    85.391     9.217         (-----------*-----------)
R1AD1W       4    80.192    19.616 (-----------*-----------)
R1AM1W       4    90.000     0.000              (------------*-----------)
R1AU1W       4    85.391     9.217         (-----------*-----------)
R1BD1W       4    85.391     9.217         (-----------*-----------)
R1BM1W       4    90.000     0.000              (------------*-----------)
R1BM2W       4    90.000     0.000              (------------*-----------)
R1BU1W       4    83.359    13.283      (-----------*-----------)
R1CM1W       4    90.000     0.000              (------------*-----------)
                                   --+---------+---------+---------+----
Pooled StDev =    9.522            72.0      80.0      88.0      96.0
```

Dunnett's intervals for treatment mean minus control mean

```
    Family error rate = 0.0500
Individual error rate = 0.00855

Critical value = 2.84

Control = level (CONTROL) of R-1

Level        Lower    Center     Upper -------+---------+---------+---------+
R1AD1W     -24.295    -5.199    13.897  (------------*-----------)
R1AM1W     -14.487     4.609    23.705        (------------*------------)
R1AU1W     -19.096     0.000    19.096     (------------*------------)
```

```
R1BD1W     -19.096     0.000    19.096     (------------*------------)
R1BM1W     -14.487     4.609    23.705        (------------*------------)
R1BM2W     -14.487     4.609    23.705        (------------*------------)
R1BU1W     -21.128    -2.033    17.063    (------------*-----------)
R1CM1W     -14.487     4.609    23.705        (------------*------------)
                                        -------+---------+---------+---------+
                                            -15         0        15        30
```

Tukey's pairwise comparisons

Family error rate = 0.0500
Individual error rate = 0.00230

Critical value = 4.76

Intervals for (column level mean) - (row level mean)

	CONTROL	R1AD1W	R1AM1W	R1AU1W	R1BD1W	R1BM1W
R1AD1W	-17.46 27.86					
R1AM1W	-27.27 18.05	-32.47 12.86				
R1AU1W	-22.66 22.66	-27.86 17.46	-18.05 27.27			
R1BD1W	-22.66 22.66	-27.86 17.46	-18.05 27.27	-22.66 22.66		
R1BM1W	-27.27 18.05	-32.47 12.86	-22.66 22.66	-27.27 18.05	-27.27 18.05	
R1BM2W	-27.27	-32.47	-22.66	-27.27	-27.27	-22.66

	18.05	12.86	22.66	18.05	18.05	22.66
R1BU1W	-20.63	-25.83	-16.02	-20.63	-20.63	-16.02
	24.70	19.50	29.30	24.70	24.70	29.30
R1CM1W	-27.27	-32.47	-22.66	-27.27	-27.27	-22.66
	18.05	12.86	22.66	18.05	18.05	22.66

	R1BM2W	R1BU1W
R1BU1W	-16.02	
	29.30	
R1CM1W	-22.66	-29.30
	22.66	16.02

One-way Analysis of Variance

Analysis of Variance for R-2 Chronic Survival

Source	DF	SS	MS	F	P
R-2	8	1093	137	1.17	0.353
Error	27	3155	117		
Total	35	4247			

```
                                  Individual 95% CIs For Mean
                                  Based on Pooled StDev
Level        N      Mean     StDev ---------+---------+---------+-------
CONTROL      4     85.39      9.22            (--------*--------)
R2AD1W       4     74.14     11.25   (--------*--------)
R2AM1W       4     80.78     10.64         (--------*---------)
R2AM2W       4     77.09     16.08      (--------*--------)
R2AU1W       4     90.00      0.00                 (--------*--------)
R2BD1W       4     85.39      9.22            (--------*--------)
R2BM1W       4     85.39      9.22            (--------*--------)
R2BU1W       4     72.48     13.60  (--------*---------)
R2CM1W       4     80.78     10.64         (--------*---------)
                                  ---------+---------+---------+-------
Pooled StDev =    10.81                    72        84        96
```

Dunnett's intervals for treatment mean minus control mean

```
    Family error rate = 0.0500
Individual error rate = 0.00855

Critical value = 2.84

Control = level (CONTROL) of R-2

Level        Lower    Center     Upper --------+---------+---------+---------
R2AD1W      -32.93    -11.25     10.43   (---------*----------)
R2AM1W      -26.28     -4.61     17.07      (----------*----------)
R2AM2W      -29.98     -8.30     13.37    (----------*----------)
```

```
R2AU1W      -17.07      4.61     26.28          (----------*----------)
R2BD1W      -21.68      0.00     21.68        (----------*----------)
R2BM1W      -21.68      0.00     21.68        (----------*----------)
R2BU1W      -34.59    -12.91      8.76  (----------*---------)
R2CM1W      -26.28     -4.61     17.07      (----------*----------)
                                       ---------+---------+---------+---------
                                             -20         0        20
```

Tukey's pairwise comparisons

Family error rate = 0.0500
Individual error rate = 0.00230

Critical value = 4.76

Intervals for (column level mean) - (row level mean)

	CONTROL	R2AD1W	R2AM1W	R2AM2W	R2AU1W	R2BD1W
R2AD1W	-14.48 36.98					
R2AM1W	-21.12 30.33	-32.37 19.08				
R2AM2W	-17.42 34.03	-28.67 22.78	-22.03 29.42			
R2AU1W	-30.33 21.12	-41.58 9.87	-34.94 16.51	-38.64 12.81		
R2BD1W	-25.73 25.73	-36.98 14.48	-30.33 21.12	-34.03 17.42	-21.12 30.33	
R2BM1W	-25.73	-36.98	-30.33	-34.03	-21.12	-25.73

	25.73	14.48	21.12	17.42	30.33	25.73
R2BU1W	-12.81	-24.06	-17.42	-21.12	-8.21	-12.81
	38.64	27.39	34.03	30.33	43.25	38.64
R2CM1W	-21.12	-32.37	-25.73	-29.42	-16.51	-21.12
	30.33	19.08	25.73	22.03	34.94	30.33

	R2BM1W	R2BU1W
R2BU1W	-12.81	
	38.64	
R2CM1W	-21.12	-34.03
	30.33	17.42

One-way Analysis of Variance

Analysis of Variance for R-2 Acute Survival

Source	DF	SS	MS	F	P
R-2	8	836	105	0.95	0.493
Error	27	2969	110		
Total	35	3805			

```
                                   Individual 95% CIs For Mean
                                   Based on Pooled StDev
Level        N      Mean     StDev --------+---------+---------+--------
CONTROL      4     85.39      9.22           (--------*--------)
R2AD1W       4     78.75     13.41       (--------*--------)
R2AM1W       4     85.39      9.22           (--------*--------)
R2AM2W       4     77.09     16.08     (--------*--------)
R2AU1W       4     90.00      0.00                 (--------*--------)
R2BD1W       4     85.39      9.22           (--------*--------)
R2BM1W       4     85.39      9.22           (--------*--------)
R2BU1W       4     74.14     11.25   (--------*--------)
R2CM1W       4     85.39      9.22           (--------*--------)
                                   --------+---------+---------+--------
Pooled StDev =     10.49                   72        84        96
```

Dunnett's intervals for treatment mean minus control mean

```
    Family error rate = 0.0500
Individual error rate = 0.00855

Critical value = 2.84

Control = level (CONTROL) of R-2

Level        Lower    Center     Upper -+---------+---------+---------+------
R2AD1W      -27.67     -6.64     14.39     (------------*------------)
R2AM1W      -21.03      0.00     21.03         (------------*------------)
R2AM2W      -29.33     -8.30     12.73    (------------*------------)
```

```
R2AU1W      -16.42      4.61     25.64            (------------*------------)
R2BD1W      -21.03      0.00     21.03         (------------*------------)
R2BM1W      -21.03      0.00     21.03         (------------*------------)
R2BU1W      -32.28    -11.25      9.78  (------------*------------)
R2CM1W      -21.03      0.00     21.03         (------------*------------)
                                      -+---------+---------+---------+------
                                     -32       -16         0        16
```

Tukey's pairwise comparisons

Family error rate = 0.0500
Individual error rate = 0.00230

Critical value = 4.76

Intervals for (column level mean) - (row level mean)

	CONTROL	R2AD1W	R2AM1W	R2AM2W	R2AU1W	R2BD1W
R2AD1W	-18.32 31.60					
R2AM1W	-24.96 24.96	-31.60 18.32				
R2AM2W	-16.66 33.26	-23.30 26.62	-16.66 33.26			
R2AU1W	-29.57 20.35	-36.21 13.71	-29.57 20.35	-37.87 12.05		
R2BD1W	-24.96 24.96	-31.60 18.32	-24.96 24.96	-33.26 16.66	-20.35 29.57	
R2BM1W	-24.96	-31.60	-24.96	-33.26	-20.35	-24.96

	24.96	18.32	24.96	16.66	29.57	24.96
R2BU1W	-13.71	-20.35	-13.71	-22.01	-9.10	-13.71
	36.21	29.57	36.21	27.91	40.82	36.21
R2CM1W	-24.96	-31.60	-24.96	-33.26	-20.35	-24.96
	24.96	18.32	24.96	16.66	29.57	24.96

	R2BM1W	R2BU1W
R2BU1W	-13.71	
	36.21	
R2CM1W	-24.96	-36.21
	24.96	13.71

One-way Analysis of Variance

Analysis of Variance for R-3 Chronic Survival

Source	DF	SS	MS	F	P
R-3	7	554	79	0.68	0.688
Error	24	2794	116		
Total	31	3348			

```
                                  Individual 95% CIs For Mean
                                  Based on Pooled StDev
Level        N      Mean     StDev  ----------+---------+---------+------
CONTROL      4     80.78     10.64            (----------*----------)
R3AD1W       4     85.39      9.22                (----------*----------)
R3AM1W       4     78.75     13.41          (----------*----------)
R3AU1W       4     72.11     12.53   (----------*----------)
R3BD1W       4     80.78     10.64            (----------*----------)
R3BM1W       4     76.17      9.22       (----------*----------)
R3BU1W       4     80.78     10.64            (----------*----------)
R3CM1W       4     85.39      9.22                (----------*----------)
                                  ----------+---------+---------+------
Pooled StDev =     10.79                     70        80        90

Dunnett's intervals for treatment mean minus control mean

    Family error rate = 0.0500
Individual error rate = 0.00960

Critical value = 2.81

Control = level (CONTROL) of R-3

Level        Lower    Center     Upper -+---------+---------+---------+------
R3AD1W      -16.86      4.61     26.08            (-------------*-------------)
R3AM1W      -23.51     -2.03     19.44       (-------------*-------------)
R3AU1W      -30.15     -8.67     12.80  (-------------*-------------)
R3BD1W      -21.47      0.00     21.47         (-------------*-------------)
```

```
R3BM1W      -26.08      -4.61      16.86      (-------------*-------------)
R3BU1W      -21.47       0.00      21.47         (-------------*-------------)
R3CM1W      -16.86       4.61      26.08            (-------------*-------------)
                                         -+---------+---------+---------+------
                                        -30       -15         0        15
```

Tukey's pairwise comparisons

Family error rate = 0.0500
Individual error rate = 0.00294

Critical value = 4.68

Intervals for (column level mean) - (row level mean)

	CONTROL	R3AD1W	R3AM1W	R3AU1W	R3BD1W	R3BM1W
R3AD1W	-29.86 20.64					
R3AM1W	-23.22 27.28	-18.61 31.89				
R3AU1W	-16.58 33.92	-11.97 38.53	-18.61 31.89			
R3BD1W	-25.25 25.25	-20.64 29.86	-27.28 23.22	-33.92 16.58		
R3BM1W	-20.64 29.86	-16.03 34.47	-22.67 27.83	-29.31 21.18	-20.64 29.86	
R3BU1W	-25.25 25.25	-20.64 29.86	-27.28 23.22	-33.92 16.58	-25.25 25.25	-29.86 20.64

R3CM1W	-29.86	-25.25	-31.89	-38.53	-29.86	-34.47
	20.64	25.25	18.61	11.97	20.64	16.03

	R3BU1W
R3CM1W	-29.86
	20.64

One-way Analysis of Variance

Analysis of Variance for R-3 Acute Survival

Source	DF	SS	MS	F	P
R-3	7	463.0	66.1	0.74	0.640
Error	24	2143.6	89.3		
Total	31	2606.6			

```
                                   Individual 95% CIs For Mean
                                   Based on Pooled StDev
Level        N      Mean     StDev ----+---------+---------+---------+--
CONTROL      4    85.391     9.217            (--------*---------)
R3AD1W       4    85.391     9.217            (--------*---------)
R3AM1W       4    83.359    13.283          (--------*---------)
R3AU1W       4    85.391     9.217            (--------*---------)
R3BD1W       4    85.391     9.217            (--------*---------)
R3BM1W       4    76.174     9.217  (---------*---------)
R3BU1W       4    80.783    10.643       (---------*---------)
R3CM1W       4    90.000     0.000                (---------*---------)
                                   ----+---------+---------+---------+--
Pooled StDev =    9.451                70        80        90       100
```

Dunnett's intervals for treatment mean minus control mean

```
    Family error rate = 0.0500
Individual error rate = 0.00960

Critical value = 2.81

Control = level (CONTROL) of R-3

Level        Lower    Center     Upper ---------+---------+---------+--------
R3AD1W     -18.807     0.000    18.807       (------------*------------)
R3AM1W     -20.840    -2.033    16.775      (------------*-----------)
R3AU1W     -18.807     0.000    18.807       (------------*------------)
R3BD1W     -18.807     0.000    18.807       (------------*------------)
```

```
R3BM1W     -28.025    -9.217     9.590 (------------*-----------)
R3BU1W     -23.416    -4.609    14.198    (------------*-----------)
R3CM1W     -14.198     4.609    23.416            (-----------*------------)
                                        ---------+---------+---------+--------
                                               -15         0        15
```

Tukey's pairwise comparisons

Family error rate = 0.0500
Individual error rate = 0.00294

Critical value = 4.68

Intervals for (column level mean) - (row level mean)

	CONTROL	R3AD1W	R3AM1W	R3AU1W	R3BD1W	R3BM1W
R3AD1W	-22.11 22.11					
R3AM1W	-20.08 24.15	-20.08 24.15				
R3AU1W	-22.11 22.11	-22.11 22.11	-24.15 20.08			
R3BD1W	-22.11 22.11	-22.11 22.11	-24.15 20.08	-22.11 22.11		
R3BM1W	-12.90 31.33	-12.90 31.33	-14.93 29.30	-12.90 31.33	-12.90 31.33	
R3BU1W	-17.51 26.72	-17.51 26.72	-19.54 24.69	-17.51 26.72	-17.51 26.72	-26.72 17.51

R3CM1W	-26.72	-26.72	-28.76	-26.72	-26.72	-35.94
	17.51	17.51	15.47	17.51	17.51	8.29

	R3BU1W
R3CM1W	-31.33
	12.90

One-way Analysis of Variance

Analysis of Variance for R-4 Chronic Survival

Source	DF	SS	MS	F	P
R-4	8	2222	278	1.42	0.235
Error	27	5293	196		
Total	35	7515			

```
                                  Individual 95% CIs For Mean
                                  Based on Pooled StDev
Level        N      Mean     StDev -+---------+---------+---------+-----
CONTROL      4     85.39      9.22                (--------*--------)
R4AD1W       4     62.30      8.59   (--------*--------)
R4AM1W       4     83.36     13.28               (--------*--------)
R4AU1W       4     78.75     13.41            (--------*--------)
R4BD1W       4     83.36     13.28               (--------*--------)
R4BM1W       4     83.36     13.28               (--------*--------)
R4BU1W       4     90.00      0.00                   (--------*--------)
R4CM1W       4     71.19     26.77         (-------*--------)
R4CM2W       4     78.75     13.41            (--------*--------)
                                  -+---------+---------+---------+-----
Pooled StDev =    14.00            48        64        80        96
```

Dunnett's intervals for treatment mean minus control mean

Family error rate = 0.0500
Individual error rate = 0.00855

Critical value = 2.84

Control = level (CONTROL) of R-4

```
Level        Lower    Center     Upper -+---------+---------+---------+------
R4AD1W      -51.17    -23.09      4.99  (----------*----------)
R4AM1W      -30.11     -2.03     26.04          (----------*----------)
R4AU1W      -34.72     -6.64     21.44        (----------*-----------)
```

```
R4BD1W      -30.11     -2.03     26.04          (----------*----------)
R4BM1W      -30.11     -2.03     26.04          (----------*----------)
R4BU1W      -23.47      4.61     32.69             (----------*----------)
R4CM1W      -42.27    -14.20     13.88     (----------*-----------)
R4CM2W      -34.72     -6.64     21.44        (----------*-----------)
                                       -+---------+---------+---------+------
                                      -50       -25         0        25
```

Tukey's pairwise comparisons

Family error rate = 0.0500
Individual error rate = 0.00230

Critical value = 4.76

Intervals for (column level mean) - (row level mean)

	CONTROL	R4AD1W	R4AM1W	R4AU1W	R4BD1W	R4BM1W
R4AD1W	-10.23 56.41					
R4AM1W	-31.29 35.36	-54.38 12.26				
R4AU1W	-26.68 39.96	-49.77 16.87	-28.71 37.93			
R4BD1W	-31.29 35.36	-54.38 12.26	-33.32 33.32	-37.93 28.71		
R4BM1W	-31.29 35.36	-54.38 12.26	-33.32 33.32	-37.93 28.71	-33.32 33.32	
R4BU1W	-37.93	-61.02	-39.96	-44.57	-39.96	-39.96

	28.71	5.62	26.68	22.07	26.68	26.68
R4CM1W	-19.13	-42.22	-21.16	-25.77	-21.16	-21.16
	47.52	24.43	45.49	40.88	45.49	45.49
R4CM2W	-26.68	-49.77	-28.71	-33.32	-28.71	-28.71
	39.96	16.87	37.93	33.32	37.93	37.93

	R4BU1W	R4CM1W
R4CM1W	-14.52	
	52.13	
R4CM2W	-22.07	-40.88
	44.57	25.77

One-way Analysis of Variance

Analysis of Variance for R-4 Acute Survival

Source	DF	SS	MS	F	P
R-4	8	1970	246	1.78	0.125
Error	27	3736	138		
Total	35	5706			

```
                                   Individual 95% CIs For Mean
                                   Based on Pooled StDev
Level        N      Mean     StDev ------+---------+---------+---------+
CONTROL      4     85.39      9.22                (-------*-------)
R4AD1W       4     64.33      9.82   (-------*-------)
R4AM1W       4     85.39      9.22                (-------*-------)
R4AU1W       4     78.75     13.41            (--------*-------)
R4BD1W       4     83.36     13.28                (-------*-------)
R4BM1W       4     85.39      9.22                (-------*-------)
R4BU1W       4     90.00      0.00                   (-------*-------)
```

```
R4CM1W      4     74.14     21.28          (-------*-------)
R4CM2W      4     85.39      9.22                  (-------*-------)
                                       ------+---------+---------+---------+
Pooled StDev =    11.76                     60        75        90       105
```

Dunnett's intervals for treatment mean minus control mean

Family error rate = 0.0500
Individual error rate = 0.00855

Critical value = 2.84

Control = level (CONTROL) of R-4

```
Level        Lower    Center     Upper ---+---------+---------+---------+----
R4AD1W      -44.65    -21.06      2.53  (----------*----------)
R4AM1W      -23.59      0.00     23.59            (-----------*-----------)
R4AU1W      -30.23     -6.64     16.95         (-----------*----------)
R4BD1W      -25.62     -2.03     21.56           (-----------*-----------)
R4BM1W      -23.59      0.00     23.59            (-----------*-----------)
R4BU1W      -18.98      4.61     28.20               (----------*-----------)
R4CM1W      -34.84    -11.25     12.34       (----------*----------)
R4CM2W      -23.59      0.00     23.59            (-----------*-----------)
                                       ---+---------+---------+---------+----
                                         -40       -20         0        20
```

Tukey's pairwise comparisons

Family error rate = 0.0500
Individual error rate = 0.00230

Critical value = 4.76

Intervals for (column level mean) - (row level mean)

	CONTROL	R4AD1W	R4AM1W	R4AU1W	R4BD1W	R4BM1W
R4AD1W	-6.94 49.06					
R4AM1W	-28.00 28.00	-49.06 6.94				
R4AU1W	-21.36 34.64	-42.41 13.58	-21.36 34.64			
R4BD1W	-25.97 30.03	-47.02 8.97	-25.97 30.03	-32.61 23.39		
R4BM1W	-28.00 28.00	-49.06 6.94	-28.00 28.00	-34.64 21.36	-30.03 25.97	
R4BU1W	-32.61 23.39	-53.66 2.33	-32.61 23.39	-39.25 16.75	-34.64 21.36	-32.61 23.39
R4CM1W	-16.75 39.25	-37.81 18.19	-16.75 39.25	-23.39 32.61	-18.78 37.22	-16.75 39.25
R4CM2W	-28.00 28.00	-49.06 6.94	-28.00 28.00	-34.64 21.36	-30.03 25.97	-28.00 28.00

	R4BU1W	R4CM1W
R4CM1W	-12.14 43.86	
R4CM2W	-23.39 32.61	-39.25 16.75

One-way Analysis of Variance

Analysis of Variance for R-5 Chronic Survival

Source	DF	SS	MS	F	P
R-5	9	1052	117	0.73	0.678
Error	29	4644	160		
Total	38	5696			

```
                                   Individual 95% CIs For Mean
                                   Based on Pooled StDev
Level        N      Mean     StDev -+---------+---------+---------+-----
CONTROL      4     85.39      9.22             (----------*----------)
R5AD1W       3     75.00     13.61   (-----------*------------)
R5AM1W       4     72.11     12.53  (----------*----------)
R5AN1W       4     85.39      9.22             (----------*----------)
R5AU1W       4     90.00      0.00                 (----------*----------)
R5BD1W       4     78.75     13.41        (----------*---------)
R5BM1W       4     80.78     10.64          (---------*----------)
R5BN1W       4     75.58     18.69     (----------*----------)
R5BU1W       4     78.75     13.41        (----------*---------)
R5CM1W       4     81.70     16.61          (----------*----------)
                                   -+---------+---------+---------+-----
Pooled StDev =     12.66            60        72        84        96
```

Dunnett's intervals for treatment mean minus control mean

```
    Family error rate = 0.0500
Individual error rate = 0.00767

Critical value = 2.87

Control = level (CONTROL) of R-5

Level        Lower    Center     Upper ----------+---------+---------+-------
R5AD1W      -38.09    -10.39     17.30  (-------------*-------------)
R5AM1W      -38.92    -13.28     12.36  (-----------*------------)
```

```
R5AN1W      -25.64      0.00     25.64        (------------*------------)
R5AU1W      -21.03      4.61     30.25          (------------*------------)
R5BD1W      -32.28     -6.64     19.00     (------------*------------)
R5BM1W      -30.25     -4.61     21.03      (------------*------------)
R5BN1W      -35.45     -9.81     15.83   (------------*------------)
R5BU1W      -32.28     -6.64     19.00     (------------*------------)
R5CM1W      -29.34     -3.69     21.95      (------------*------------)
                                        ----------+---------+---------+-------
                                                -20         0        20
```

Tukey's pairwise comparisons

Family error rate = 0.0500
Individual error rate = 0.00187

Critical value = 4.84

Intervals for (column level mean) - (row level mean)

	CONTROL	R5AD1W	R5AM1W	R5AN1W	R5AU1W	R5BD1W
R5AD1W	-22.69 43.47					
R5AM1W	-17.34 43.91	-30.19 35.97				
R5AN1W	-30.63 30.63	-43.47 22.69	-43.91 17.34			
R5AU1W	-35.23 26.02	-48.08 18.08	-48.52 12.73	-35.23 26.02		
R5BD1W	-23.98 37.27	-36.83 29.33	-37.27 23.98	-23.98 37.27	-19.38 41.88	

R5BM1W	-26.02	-38.86	-39.30	-26.02	-21.41	-32.66
	35.23	27.30	21.95	35.23	39.84	28.59
R5BN1W	-20.82	-33.66	-34.10	-20.82	-16.21	-27.46
	40.43	32.50	27.15	40.43	45.04	33.79
R5BU1W	-23.98	-36.83	-37.27	-23.98	-19.38	-30.63
	37.27	29.33	23.98	37.27	41.88	30.63
R5CM1W	-26.93	-39.78	-40.21	-26.93	-22.32	-33.57
	34.32	26.38	21.04	34.32	38.93	27.68

	R5BM1W	R5BN1W	R5BU1W
R5BN1W	-25.43		
	35.82		
R5BU1W	-28.59	-33.79	
	32.66	27.46	
R5CM1W	-31.54	-36.74	-33.57
	29.71	24.51	27.68

One-way Analysis of Variance

Analysis of Variance for R-5 Acute Survival

Source	DF	SS	MS	F	P
R-5	9	1090	121	0.93	0.512
Error	30	3898	130		
Total	39	4988			

Individual 95% CIs For Mean
Based on Pooled StDev

```
Level        N      Mean     StDev  --------+---------+---------+--------
CONTROL      4     90.00      0.00              (---------*---------)
R5AD1W       4     80.78     10.64        (--------*---------)
R5AM1W       4     74.14     11.25  (---------*--------)
R5AN1W       4     85.39      9.22           (---------*---------)
R5AU1W       4     90.00      0.00              (---------*---------)
R5BD1W       4     85.39      9.22           (---------*---------)
R5BM1W       4     85.39      9.22           (---------*---------)
R5BN1W       4     75.58     18.69   (---------*---------)
R5BU1W       4     78.75     13.41      (---------*--------)
R5CM1W       4     81.70     16.61        (---------*---------)
                                     --------+---------+---------+--------
Pooled StDev =     11.40                     72        84        96

Dunnett's intervals for treatment mean minus control mean

    Family error rate = 0.0500
Individual error rate = 0.00772

Critical value = 2.86

Control = level (CONTROL) of R-5

Level         Lower    Center     Upper ----------+---------+---------+-------
R5AD1W      -32.23     -9.22     13.80     (----------*----------)
R5AM1W      -38.88    -15.86      7.16  (----------*----------)
R5AN1W      -27.63     -4.61     18.41       (----------*----------)
R5AU1W      -23.02      0.00     23.02         (----------*----------)
R5BD1W      -27.63     -4.61     18.41       (----------*----------)
R5BM1W      -27.63     -4.61     18.41       (----------*----------)
R5BN1W      -37.43    -14.42      8.60  (----------*----------)
R5BU1W      -34.27    -11.25     11.77    (----------*----------)
R5CM1W      -31.32     -8.30     14.71     (----------*----------)
                                        ----------+---------+---------+-------
                                                -20         0        20
```

Tukey's pairwise comparisons

Family error rate = 0.0500
Individual error rate = 0.00188

Critical value = 4.82

Intervals for (column level mean) - (row level mean)

	CONTROL	R5AD1W	R5AM1W	R5AN1W	R5AU1W	R5BD1W
R5AD1W	-18.25 36.69					
R5AM1W	-11.61 43.33	-20.83 34.11				
R5AN1W	-22.86 32.08	-32.08 22.86	-38.72 16.22			
R5AU1W	-27.47 27.47	-36.69 18.25	-43.33 11.61	-32.08 22.86		
R5BD1W	-22.86 32.08	-32.08 22.86	-38.72 16.22	-27.47 27.47	-22.86 32.08	
R5BM1W	-22.86 32.08	-32.08 22.86	-38.72 16.22	-27.47 27.47	-22.86 32.08	-27.47 27.47
R5BN1W	-13.05 41.89	-22.27 32.67	-28.91 26.03	-17.66 37.28	-13.05 41.89	-17.66 37.28
R5BU1W	-16.22 38.72	-25.44 29.50	-32.08 22.86	-20.83 34.11	-16.22 38.72	-20.83 34.11

R5CM1W	-19.17	-28.39	-35.03	-23.78	-19.17	-23.78
	35.77	26.56	19.92	31.17	35.77	31.17

	R5BM1W	R5BN1W	R5BU1W
R5BN1W	-17.66		
	37.28		
R5BU1W	-20.83	-30.64	
	34.11	24.30	
R5CM1W	-23.78	-33.59	-30.42
	31.17	21.36	24.52

One-way Analysis of Variance

Analysis of Variance for R-6 Chronic Survival

Source	DF	SS	MS	F	P
R-6	7	480	69	0.37	0.909
Error	24	4406	184		
Total	31	4886			

```
                                   Individual 95% CIs For Mean
                                   Based on Pooled StDev
Level        N      Mean     StDev  ----------+---------+---------+------
CONTROL      4     77.09     16.08     (----------*-----------)
R6AD1W       4     85.39      9.22            (----------*-----------)
R6AM1W       4     81.70     16.61        (-----------*-----------)
R6AM2W       4     85.39      9.22            (----------*-----------)
R6AU1W       4     80.78     10.64        (----------*-----------)
R6BM1W       4     74.14     21.28  (-----------*----------)
R6BU1W       4     85.39      9.22            (----------*-----------)
R6CM1W       4     80.78     10.64        (----------*-----------)
                                     ----------+---------+---------+------
Pooled StDev =     13.55                      72        84        96

Dunnett's intervals for treatment mean minus control mean

    Family error rate = 0.0500
Individual error rate = 0.00960

Critical value = 2.81

Control = level (CONTROL) of R-6

Level        Lower    Center     Upper -----+---------+---------+---------+--
R6AD1W      -18.66      8.30     35.27       (------------*-------------)
R6AM1W      -22.36      4.61     31.57     (------------*-------------)
R6AM2W      -18.66      8.30     35.27       (------------*-------------)
R6AU1W      -23.27      3.69     30.66    (-------------*------------)
```

```
R6BM1W      -29.91     -2.95     24.02 (-------------*------------)
R6BU1W      -18.66      8.30     35.27       (------------*-------------)
R6CM1W      -23.27      3.69     30.66    (-------------*------------)
                                       -----+---------+---------+---------+--
                                          -20         0        20        40
```

Tukey's pairwise comparisons

Family error rate = 0.0500
Individual error rate = 0.00294

Critical value = 4.68

Intervals for (column level mean) - (row level mean)

	CONTROL	R6AD1W	R6AM1W	R6AM2W	R6AU1W	R6BM1W
R6AD1W	-40.01 23.40					
R6AM1W	-36.32 27.10	-28.01 35.40				
R6AM2W	-40.01 23.40	-31.71 31.71	-35.40 28.01			
R6AU1W	-35.40 28.01	-27.10 36.32	-30.79 32.62	-27.10 36.32		
R6BM1W	-28.76 34.65	-20.46 42.96	-24.15 39.26	-20.46 42.96	-25.07 38.35	
R6BU1W	-40.01 23.40	-31.71 31.71	-35.40 28.01	-31.71 31.71	-36.32 27.10	-42.96 20.46

R6CM1W	-35.40	-27.10	-30.79	-27.10	-31.71	-38.35
	28.01	36.32	32.62	36.32	31.71	25.07

	R6BU1W
R6CM1W	-27.10
	36.32

One-way Analysis of Variance

Analysis of Variance for R-6 Acute Survival

Source	DF	SS	MS	F	P
R-6	7	282	40	0.29	0.953
Error	24	3373	141		
Total	31	3655			

```
                                   Individual 95% CIs For Mean
                                   Based on Pooled StDev
Level        N      Mean     StDev  --+---------+---------+---------+----
CONTROL      4     81.70     16.61   (------------*-----------)
R6AD1W       4     85.39      9.22       (-----------*------------)
R6AM1W       4     81.70     16.61   (------------*-----------)
R6AM2W       4     85.39      9.22       (-----------*------------)
R6AU1W       4     80.78     10.64   (-----------*-----------)
R6BM1W       4     83.36     13.28     (-----------*------------)
R6BU1W       4     90.00      0.00            (-----------*-----------)
R6CM1W       4     80.78     10.64   (-----------*-----------)
                                     --+---------+---------+---------+----
Pooled StDev =     11.86              70        80        90       100
```

Dunnett's intervals for treatment mean minus control mean

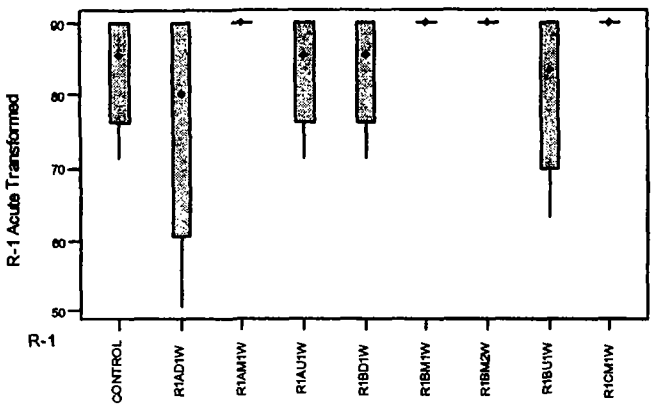
```
    Family error rate = 0.0500
Individual error rate = 0.00960
```

```
Critical value = 2.81

Control = level (CONTROL) of R-6

Level        Lower    Center     Upper -------+---------+---------+---------+
R6AD1W      -19.90      3.69     27.29     (--------------*--------------)
R6AM1W      -23.59      0.00     23.59  (---------------*---------------)
R6AM2W      -19.90      3.69     27.29     (--------------*--------------)
R6AU1W      -24.51     -0.91     22.68  (--------------*--------------)
R6BM1W      -21.93      1.66     25.25   (---------------*---------------)
R6BU1W      -15.29      8.30     31.90        (---------------*--------------)
R6CM1W      -24.51     -0.91     22.68  (--------------*--------------)
                                       -------+---------+---------+---------+
                                            -15         0        15        30


Tukey's pairwise comparisons

    Family error rate = 0.0500
Individual error rate = 0.00294

Critical value = 4.68

Intervals for (column level mean) - (row level mean)

           CONTROL     R6AD1W      R6AM1W      R6AM2W      R6AU1W      R6BM1W

 R6AD1W      -31.44
              24.05

 R6AM1W      -27.74      -24.05
              27.74       31.44

 R6AM2W      -31.44      -27.74      -31.44
              24.05       27.74       24.05
```

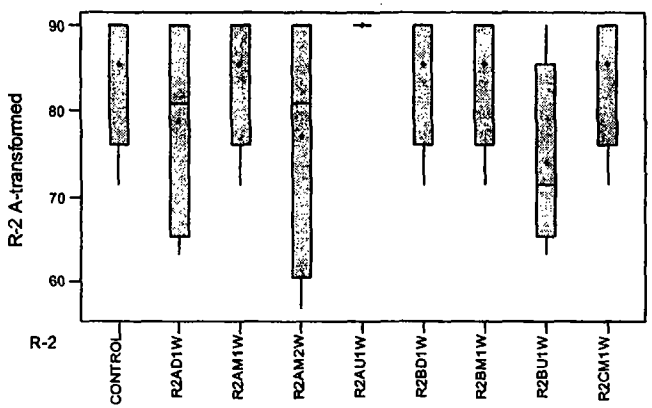
R6AU1W	-26.83	-23.13	-26.83	-23.13		
	28.66	32.35	28.66	32.35		
R6BM1W	-29.40	-25.71	-29.40	-25.71	-30.32	
	26.08	29.77	26.08	29.77	25.17	
R6BU1W	-36.04	-32.35	-36.04	-32.35	-36.96	-34.38
	19.44	23.13	19.44	23.13	18.52	21.10
R6CM1W	-26.83	-23.13	-26.83	-23.13	-27.74	-25.17
	28.66	32.35	28.66	32.35	27.74	30.32

	R6BU1W
R6CM1W	-18.52
	36.96

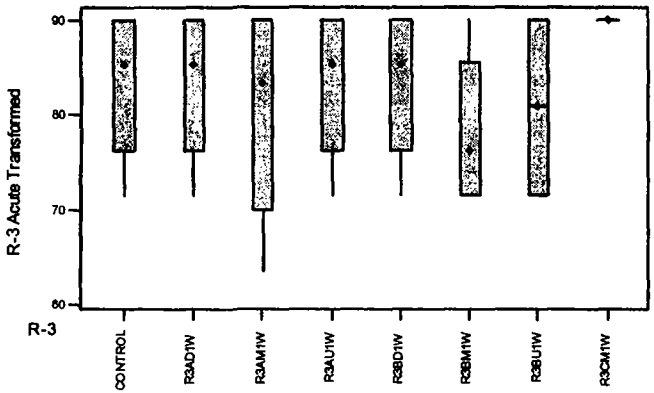
Boxplots of R-1 Acute
Pimephales Survival
(means are indicated by solid circles)



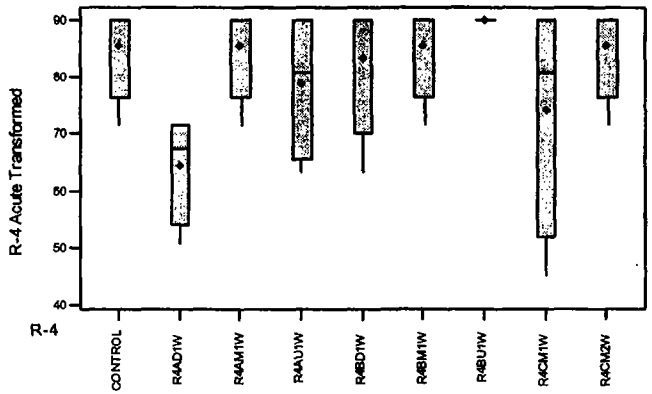
Boxplots of R-2 Acute
Pimephales Survival
(means are indicated by solid circles)



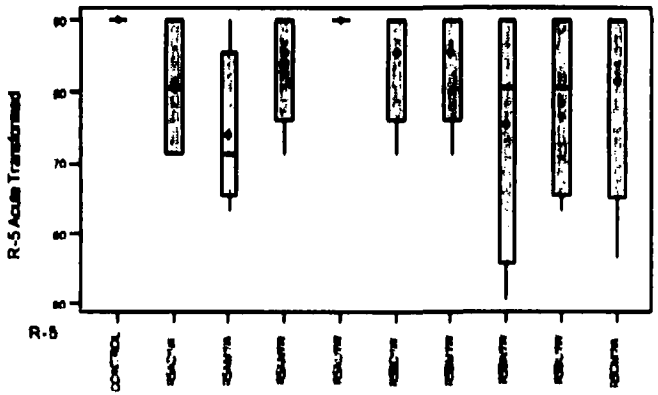
Boxplots of R-3 Acute
Pimephales Survival
(means are indicated by solid circles)



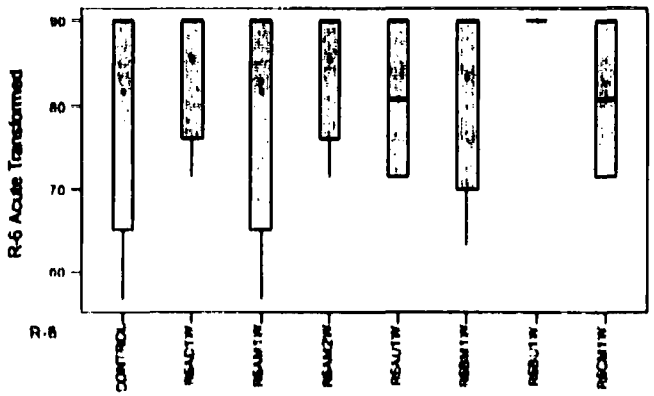
Boxplots of R-4 Acute
Pimephales Survival
(means are indicated by solid circles)



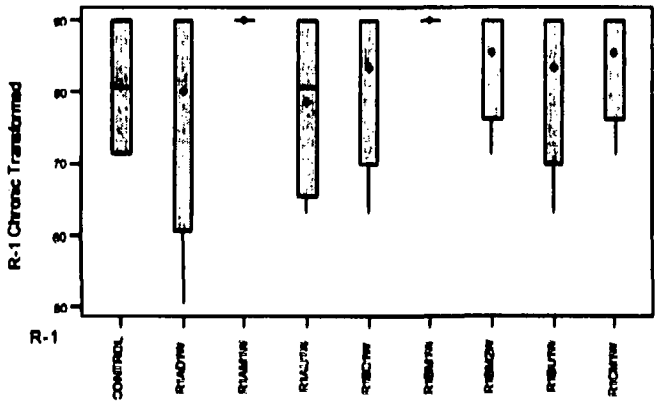
Boxplots of R-5 Acute
Pimephales Survival
(means are indicated by solid circles)



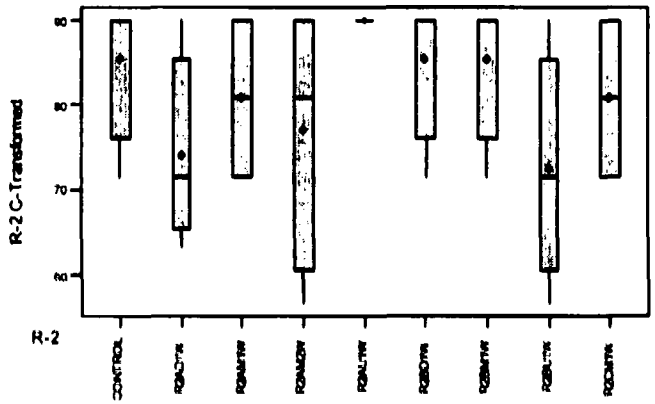
Boxplots of R-6 Acute
Pimephales Survival
(means are indicated by solid circles)



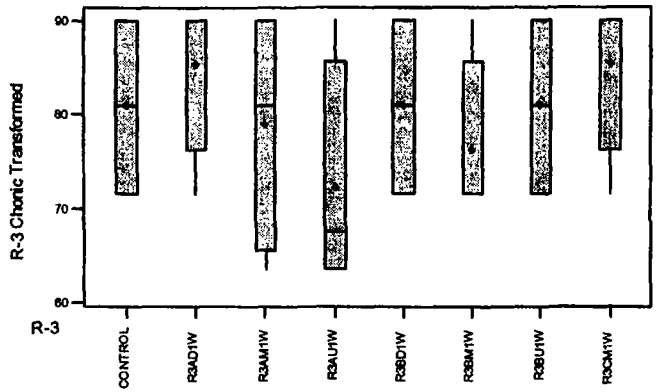
Boxplots of R-1 Chronic
Pimephales Survival
(means are indicated by solid circles)



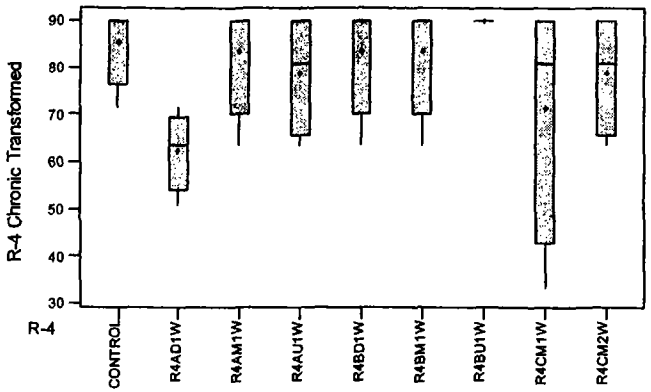
Boxplots of R-2 Chronic
Pimephales Survival
(means are indicated by solid circles)



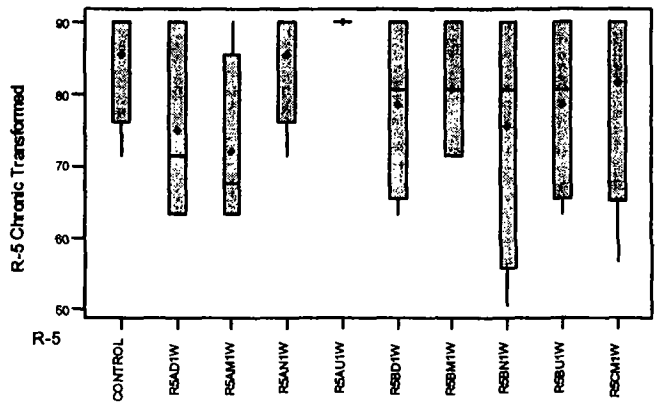
Boxplots of R-3 Chronic Pimephales Survival
(means are indicated by solid circles)



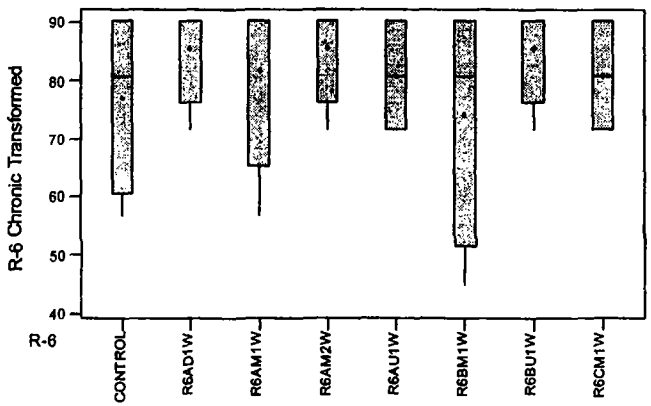
Boxplots of R-4 Chronic Pimephales Survival
(means are indicated by solid circles)



Boxplots of R-5 Chronic Pimephales Survival
(means are indicated by solid circles)



Boxplots of R-6 Chronic Pimephales Survival
(means are indicated by solid circles)



******PIMEPHALES GROWTH*********

One-way Analysis of Variance

Analysis of Variance for R-1 Weig

Source	DF	SS	MS	F	P
R-1	8	0.01942	0.00243	0.95	0.494
Error	27	0.06907	0.00256		
Total	35	0.08850			

```
                                  Individual 95% CIs For Mean
                                  Based on Pooled StDev
Level        N      Mean     StDev  --+---------+---------+---------+----
CONTROL      4   0.34000   0.02582            (---------*---------)
R1AD1W       4   0.37250   0.10595                  (----------*---------)
R1AM1W       4   0.33250   0.02986          (----------*---------)
R1AU1W       4   0.35750   0.06292               (----------*---------)
R1BD1W       4   0.36000   0.03266                (---------*---------)
R1BM1W       4   0.33000   0.04761          (---------*---------)
R1BM2W       4   0.29250   0.01708  (----------*---------)
R1BU1W       4   0.36500   0.04655                (---------*---------)
R1CM1W       4   0.35750   0.02217               (----------*---------)
                                  --+---------+---------+---------+----
Pooled StDev =   0.05058           0.250     0.300     0.350     0.400
```

Dunnett's intervals for treatment mean minus control mean

```
    Family error rate = 0.0500
Individual error rate = 0.00855

Critical value = 2.84

Control = level (CONTROL) of R-1

Level        Lower    Center     Upper ---------+---------+---------+--------
```

```
R1AD1W    -0.06893   0.03250   0.13393          (------------*------------)
R1AM1W    -0.10893  -0.00750   0.09393     (------------*------------)
R1AU1W    -0.08393   0.01750   0.11893         (-----------*------------)
R1BD1W    -0.08143   0.02000   0.12143         (-----------*------------)
R1BM1W    -0.11143  -0.01000   0.09143     (------------*-----------)
R1BM2W    -0.14893  -0.04750   0.05393 (------------*------------)
R1BU1W    -0.07643   0.02500   0.12643         (------------*------------)
R1CM1W    -0.08393   0.01750   0.11893         (-----------*------------)
                                       ---------+---------+---------+--------
                                             -0.080     0.000     0.080
```

Tukey's pairwise comparisons

```
    Family error rate = 0.0500
Individual error rate = 0.00230

Critical value = 4.76

Intervals for (column level mean) - (row level mean)

           CONTROL     R1AD1W      R1AM1W      R1AU1W      R1BD1W      R1BM1W

 R1AD1W     -0.15288
             0.08788

 R1AM1W     -0.11288    -0.08038
             0.12788     0.16038

 R1AU1W     -0.13788    -0.10538    -0.14538
             0.10288     0.13538     0.09538

 R1BD1W     -0.14038    -0.10788    -0.14788    -0.12288
             0.10038     0.13288     0.09288     0.11788

 R1BM1W     -0.11038    -0.07788    -0.11788    -0.09288    -0.09038
```

	0.13038	0.16288	0.12288	0.14788	0.15038	
R1BM2W	-0.07288	-0.04038	-0.08038	-0.05538	-0.05288	-0.08288
	0.16788	0.20038	0.16038	0.18538	0.18788	0.15788
R1BU1W	-0.14538	-0.11288	-0.15288	-0.12788	-0.12538	-0.15538
	0.09538	0.12788	0.08788	0.11288	0.11538	0.08538
R1CM1W	-0.13788	-0.10538	-0.14538	-0.12038	-0.11788	-0.14788
	0.10288	0.13538	0.09538	0.12038	0.12288	0.09288

	R1BM2W	R1BU1W
R1BU1W	-0.19288	
	0.04788	
R1CM1W	-0.18538	-0.11288
	0.05538	0.12788

One-way Analysis of Variance

Analysis of Variance for R-2 Weig

Source	DF	SS	MS	F	P
R-2	8	0.011939	0.001492	2.05	0.078
Error	27	0.019650	0.000728		
Total	35	0.031589			

```
                                  Individual 95% CIs For Mean
                                  Based on Pooled StDev
Level        N      Mean     StDev  --------+---------+---------+--------
CONTROL      4   0.40750   0.03862                   (------*-------)
R2AD1W       4   0.39750   0.02754                (-------*------)
R2AM1W       4   0.37250   0.03403          (------*-------)
R2AM2W       4   0.38750   0.02217              (-------*-------)
R2AU1W       4   0.36500   0.01915      (-------*-------)
R2BD1W       4   0.35000   0.02582  (-------*-------)
R2BM1W       4   0.36750   0.02500       (-------*-------)
R2BU1W       4   0.37500   0.02380         (-------*-------)
R2CM1W       4   0.40250   0.02062                 (-------*-------)
                                  --------+---------+---------+--------
Pooled StDev =  0.02698                 0.350     0.385     0.420
```

Dunnett's intervals for treatment mean minus control mean

```
    Family error rate = 0.0500
Individual error rate = 0.00855

Critical value = 2.84

Control = level (CONTROL) of R-2

Level        Lower    Center     Upper ---+---------+---------+---------+----
R2AD1W     -0.06410  -0.01000   0.04410           (----------*----------)
R2AM1W     -0.08910  -0.03500   0.01910      (----------*----------)
R2AM2W     -0.07410  -0.02000   0.03410         (----------*----------)
```

```
R2AU1W    -0.09660  -0.04250   0.01160     (----------*---------)
R2BD1W    -0.11160  -0.05750  -0.00340  (----------*---------)
R2BM1W    -0.09410  -0.04000   0.01410     (----------*----------)
R2BU1W    -0.08660  -0.03250   0.02160       (---------*----------)
R2CM1W    -0.05910  -0.00500   0.04910            (----------*----------)
                                       ---+---------+---------+---------+----
                                       -0.100    -0.050    -0.000     0.050
```

Tukey's pairwise comparisons

Family error rate = 0.0500
Individual error rate = 0.00230

Critical value = 4.76

Intervals for (column level mean) - (row level mean)

	CONTROL	R2AD1W	R2AM1W	R2AM2W	R2AU1W	R2BD1W
R2AD1W	-0.05421 0.07421					
R2AM1W	-0.02921 0.09921	-0.03921 0.08921				
R2AM2W	-0.04421 0.08421	-0.05421 0.07421	-0.07921 0.04921			
R2AU1W	-0.02171 0.10671	-0.03171 0.09671	-0.05671 0.07171	-0.04171 0.08671		
R2BD1W	-0.00671 0.12171	-0.01671 0.11171	-0.04171 0.08671	-0.02671 0.10171	-0.04921 0.07921	
R2BM1W	-0.02421	-0.03421	-0.05921	-0.04421	-0.06671	-0.08171

	0.10421	0.09421	0.06921	0.08421	0.06171	0.04671
R2BU1W	-0.03171	-0.04171	-0.06671	-0.05171	-0.07421	-0.08921
	0.09671	0.08671	0.06171	0.07671	0.05421	0.03921
R2CM1W	-0.05921	-0.06921	-0.09421	-0.07921	-0.10171	-0.11671
	0.06921	0.05921	0.03421	0.04921	0.02671	0.01171

	R2BM1W	R2BU1W
R2BU1W	-0.07171	
	0.05671	
R2CM1W	-0.09921	-0.09171
	0.02921	0.03671

One-way Analysis of Variance

Analysis of Variance for R-3 Weig

Source	DF	SS	MS	F	P
R-3	7	0.024400	0.003486	6.27	0.000
Error	24	0.013350	0.000556		
Total	31	0.037750			

```
                                  Individual 95% CIs For Mean
                                  Based on Pooled StDev
Level        N      Mean     StDev  ---------+---------+---------+-------
CONTROL      4   0.31000   0.01155   (------*------)
R3AD1W       4   0.31750   0.02217     (------*------)
R3AM1W       4   0.38500   0.03000                       (------*------)
R3AU1W       4   0.32000   0.02000     (------*------)
R3BD1W       4   0.31000   0.02160   (------*------)
R3BM1W       4   0.37500   0.02082                     (------*------)
R3BU1W       4   0.32000   0.01826     (------*------)
R3CM1W       4   0.33250   0.03594         (------*------)
                                     ---------+---------+---------+-------
Pooled StDev =  0.02358                     0.315     0.350     0.385

Dunnett's intervals for treatment mean minus control mean

    Family error rate = 0.0500
Individual error rate = 0.00960

Critical value = 2.81

Control = level (CONTROL) of R-3

Level        Lower    Center     Upper ---------+---------+---------+-------
R3AD1W     -0.03943   0.00750   0.05443   (---------*--------)
R3AM1W      0.02807   0.07500   0.12193                 (--------*--------)
R3AU1W     -0.03693   0.01000   0.05693    (--------*--------)
R3BD1W     -0.04693   0.00000   0.04693  (--------*--------)
```

```
R3BM1W     0.01807   0.06500   0.11193                (--------*--------)
R3BU1W    -0.03693   0.01000   0.05693     (--------*--------)
R3CM1W    -0.02443   0.02250   0.06943       (--------*---------)
                                         ----------+---------+---------+-------
                                                 0.000     0.050     0.100
```

Tukey's pairwise comparisons

Family error rate = 0.0500
Individual error rate = 0.00294

Critical value = 4.68

Intervals for (column level mean) - (row level mean)

	CONTROL	R3AD1W	R3AM1W	R3AU1W	R3BD1W	R3BM1W
R3AD1W	-0.06269 0.04769					
R3AM1W	-0.13019 -0.01981	-0.12269 -0.01231				
R3AU1W	-0.06519 0.04519	-0.05769 0.05269	0.00981 0.12019			
R3BD1W	-0.05519 0.05519	-0.04769 0.06269	0.01981 0.13019	-0.04519 0.06519		
R3BM1W	-0.12019 -0.00981	-0.11269 -0.00231	-0.04519 0.06519	-0.11019 0.00019	-0.12019 -0.00981	
R3BU1W	-0.06519 0.04519	-0.05769 0.05269	0.00981 0.12019	-0.05519 0.05519	-0.06519 0.04519	-0.00019 0.11019

R3CM1W	-0.07769	-0.07019	-0.00269	-0.06769	-0.07769	-0.01269
	0.03269	0.04019	0.10769	0.04269	0.03269	0.09769

	R3BU1W
R3CM1W	-0.06769
	0.04269

One-way Analysis of Variance

Analysis of Variance for R-4 Weig

Source	DF	SS	MS	F	P
R-4	8	0.04750	0.00594	1.28	0.293
Error	27	0.12498	0.00463		
Total	35	0.17247			

```
                                  Individual 95% CIs For Mean
                                  Based on Pooled StDev
Level        N      Mean     StDev --------+---------+---------+--------
CONTROL      4   0.44250   0.02062       (-------*--------)
R4AD1W       4   0.48500   0.04123            (--------*-------)
R4AM1W       4   0.41250   0.03862   (--------*-------)
R4AU1W       4   0.46000   0.06272         (--------*-------)
R4BD1W       4   0.42250   0.02630    (--------*--------)
R4BM1W       4   0.43750   0.02986      (--------*-------)
R4BU1W       4   0.42000   0.02160    (--------*-------)
R4CM1W       4   0.53250   0.17173                 (--------*-------)
R4CM2W       4   0.47500   0.05066           (-------*--------)
                                  --------+---------+---------+--------
Pooled StDev =  0.06803                 0.400     0.480     0.560
```

Dunnett's intervals for treatment mean minus control mean

```
    Family error rate = 0.0500
Individual error rate = 0.00855

Critical value = 2.84

Control = level (CONTROL) of R-4

Level        Lower    Center     Upper ----+---------+---------+---------+---
R4AD1W    -0.09393   0.04250   0.17893       (-----------*----------)
R4AM1W    -0.16643  -0.03000   0.10643 (-----------*----------)
```

```
R4AU1W    -0.11893   0.01750   0.15393     (----------*-----------)
R4BD1W    -0.15643  -0.02000   0.11643  (----------*-----------)
R4BM1W    -0.14143  -0.00500   0.13143   (-----------*----------)
R4BU1W    -0.15893  -0.02250   0.11393  (----------*----------)
R4CM1W    -0.04643   0.09000   0.22643            (----------*-----------)
R4CM2W    -0.10393   0.03250   0.16893      (-----------*----------)
                                        ----+---------+---------+---------+---
                                         -0.12      0.00      0.12      0.24
```

Tukey's pairwise comparisons

```
    Family error rate = 0.0500
Individual error rate = 0.00230

Critical value = 4.76
```

Intervals for (column level mean) - (row level mean)

	CONTROL	R4AD1W	R4AM1W	R4AU1W	R4BD1W	R4BM1W
R4AD1W	-0.20442 0.11942					
R4AM1W	-0.13192 0.19192	-0.08942 0.23442				
R4AU1W	-0.17942 0.14442	-0.13692 0.18692	-0.20942 0.11442			
R4BD1W	-0.14192 0.18192	-0.09942 0.22442	-0.17192 0.15192	-0.12442 0.19942		
R4BM1W	-0.15692 0.16692	-0.11442 0.20942	-0.18692 0.13692	-0.13942 0.18442	-0.17692 0.14692	

R4BU1W	-0.13942	-0.09692	-0.16942	-0.12192	-0.15942	-0.14442
	0.18442	0.22692	0.15442	0.20192	0.16442	0.17942
R4CM1W	-0.25192	-0.20942	-0.28192	-0.23442	-0.27192	-0.25692
	0.07192	0.11442	0.04192	0.08942	0.05192	0.06692
R4CM2W	-0.19442	-0.15192	-0.22442	-0.17692	-0.21442	-0.19942
	0.12942	0.17192	0.09942	0.14692	0.10942	0.12442

	R4BU1W	R4CM1W
R4CM1W	-0.27442	
	0.04942	
R4CM2W	-0.21692	-0.10442
	0.10692	0.21942

One-way Analysis of Variance

Analysis of Variance for R-5 Weig

Source	DF	SS	MS	F	P
R-5	9	0.01533	0.00170	1.39	0.238
Error	29	0.03557	0.00123		
Total	38	0.05090			

```
                                   Individual 95% CIs For Mean
                                   Based on Pooled StDev
Level        N      Mean     StDev ----------+---------+---------+------
CONTROL      4   0.37250   0.01258     (--------*--------)
R5AD1W       3   0.36333   0.03512  (----------*---------)
R5AM1W       4   0.36250   0.04272   (--------*--------)
R5AN1W       4   0.38250   0.03202        (--------*--------)
R5AU1W       4   0.36750   0.01708    (--------*--------)
R5BD1W       4   0.37500   0.02380      (--------*--------)
R5BM1W       4   0.42250   0.02500                 (--------*--------)
R5BN1W       4   0.40750   0.03500              (--------*--------)
R5BU1W       4   0.35750   0.04031  (--------*--------)
R5CM1W       4   0.38250   0.06076        (--------*--------)
                                   ----------+---------+---------+------
Pooled StDev =  0.03502                     0.360     0.400     0.440
```

Dunnett's intervals for treatment mean minus control mean

Family error rate = 0.0500
Individual error rate = 0.00767

Critical value = 2.87

Control = level (CONTROL) of R-5

```
Level        Lower    Center     Upper -----+---------+---------+---------+--
R5AD1W    -0.08581  -0.00917   0.06748  (-----------*-----------)
R5AM1W    -0.08096  -0.01000   0.06096   (----------*----------)
```

```
R5AN1W    -0.06096   0.01000   0.08096      (-----------*----------)
R5AU1W    -0.07596  -0.00500   0.06596   (-----------*-----------)
R5BD1W    -0.06846   0.00250   0.07346     (----------*-----------)
R5BM1W    -0.02096   0.05000   0.12096              (----------*-----------)
R5BN1W    -0.03596   0.03500   0.10596          (-----------*-----------)
R5BU1W    -0.08596  -0.01500   0.05596  (----------*-----------)
R5CM1W    -0.06096   0.01000   0.08096      (-----------*----------)
                                        -----+---------+---------+---------+--
                                         -0.060     0.000     0.060     0.120
```

Tukey's pairwise comparisons

```
    Family error rate = 0.0500
Individual error rate = 0.00187

Critical value = 4.84
```

Intervals for (column level mean) - (row level mean)

	CONTROL	R5AD1W	R5AM1W	R5AN1W	R5AU1W	R5BD1W
R5AD1W	-0.08237 0.10071					
R5AM1W	-0.07475 0.09475	-0.09071 0.09237				
R5AN1W	-0.09475 0.07475	-0.11071 0.07237	-0.10475 0.06475			
R5AU1W	-0.07975 0.08975	-0.09571 0.08737	-0.08975 0.07975	-0.06975 0.09975		
R5BD1W	-0.08725 0.08225	-0.10321 0.07987	-0.09725 0.07225	-0.07725 0.09225	-0.09225 0.07725	

R5BM1W	-0.13475	-0.15071	-0.14475	-0.12475	-0.13975	-0.13225
	0.03475	0.03237	0.02475	0.04475	0.02975	0.03725
R5BN1W	-0.11975	-0.13571	-0.12975	-0.10975	-0.12475	-0.11725
	0.04975	0.04737	0.03975	0.05975	0.04475	0.05225
R5BU1W	-0.06975	-0.08571	-0.07975	-0.05975	-0.07475	-0.06725
	0.09975	0.09737	0.08975	0.10975	0.09475	0.10225
R5CM1W	-0.09475	-0.11071	-0.10475	-0.08475	-0.09975	-0.09225
	0.07475	0.07237	0.06475	0.08475	0.06975	0.07725

	R5BM1W	R5BN1W	R5BU1W
R5BN1W	-0.06975		
	0.09975		
R5BU1W	-0.01975	-0.03475	
	0.14975	0.13475	
R5CM1W	-0.04475	-0.05975	-0.10975
	0.12475	0.10975	0.05975

One-way Analysis of Variance

Analysis of Variance for R-6 Weig

Source	DF	SS	MS	F	P
R-6	7	0.013600	0.001943	2.10	0.083
Error	24	0.022200	0.000925		
Total	31	0.035800			

```
                                  Individual 95% CIs For Mean
                                  Based on Pooled StDev
Level        N      Mean     StDev  -------+---------+---------+---------
CONTROL      4   0.38500   0.02646                    (--------*--------)
R6AD1W       4   0.34000   0.02944       (--------*--------)
R6AM1W       4   0.37250   0.04193                (--------*--------)
R6AM2W       4   0.32500   0.03109   (--------*--------)
R6AU1W       4   0.33750   0.03594      (--------*--------)
R6BM1W       4   0.37250   0.02062                (--------*--------)
R6BU1W       4   0.33250   0.03304     (--------*--------)
R6CM1W       4   0.35500   0.01732           (--------*--------)
                                  -------+---------+---------+---------
Pooled StDev =  0.03041                 0.315     0.350     0.385
```

Dunnett's intervals for treatment mean minus control mean

Family error rate = 0.0500
Individual error rate = 0.00960

Critical value = 2.81

Control = level (CONTROL) of R-6

```
Level        Lower    Center     Upper -----+---------+---------+---------+--
R6AD1W     -0.10552  -0.04500   0.01552      (-----------*-----------)
R6AM1W     -0.07302  -0.01250   0.04802            (------------*-----------)
R6AM2W     -0.12052  -0.06000   0.00052   (-----------*-----------)
```

```
R6AU1W    -0.10802  -0.04750   0.01302    (------------*-----------)
R6BM1W    -0.07302  -0.01250   0.04802            (------------*-----------)
R6BU1W    -0.11302  -0.05250   0.00802   (------------*-----------)
R6CM1W    -0.09052  -0.03000   0.03052        (-----------*-----------)
                                         -----+---------+---------+---------+--
                                           -0.100    -0.050    -0.000     0.050
```

Tukey's pairwise comparisons

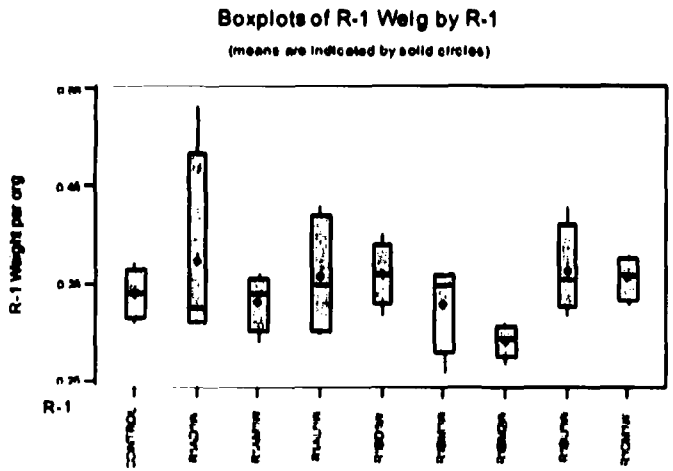
```
    Family error rate = 0.0500
Individual error rate = 0.00294

Critical value = 4.68
```

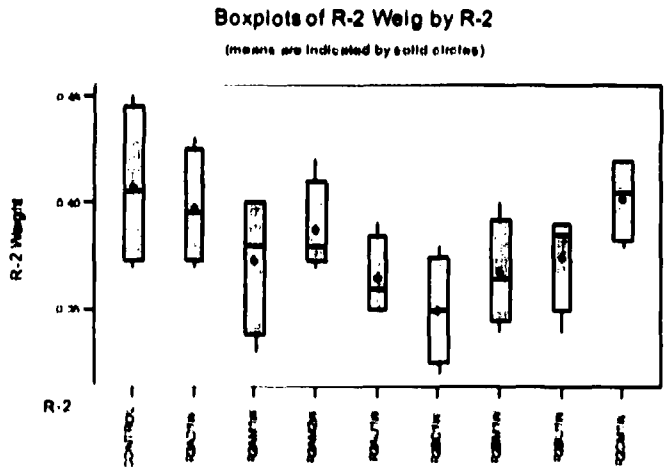
Intervals for (column level mean) - (row level mean)

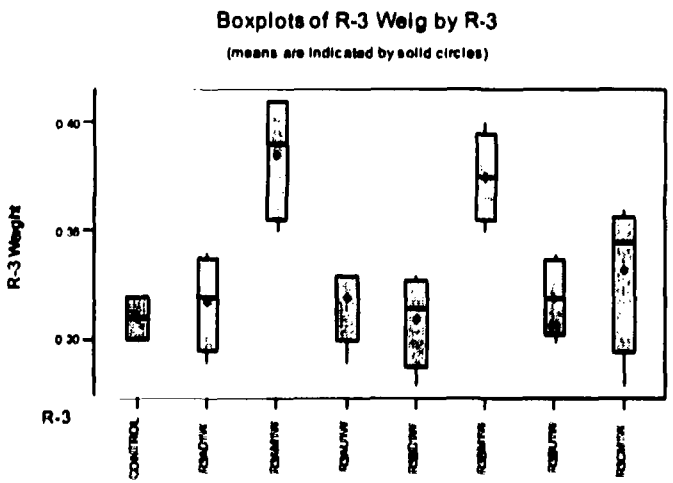
	CONTROL	R6AD1W	R6AM1W	R6AM2W	R6AU1W	R6BM1W
R6AD1W	-0.02617 0.11617					
R6AM1W	-0.05867 0.08367	-0.10367 0.03867				
R6AM2W	-0.01117 0.13117	-0.05617 0.08617	-0.02367 0.11867			
R6AU1W	-0.02367 0.11867	-0.06867 0.07367	-0.03617 0.10617	-0.08367 0.05867		
R6BM1W	-0.05867 0.08367	-0.10367 0.03867	-0.07117 0.07117	-0.11867 0.02367	-0.10617 0.03617	
R6BU1W	-0.01867 0.12367	-0.06367 0.07867	-0.03117 0.11117	-0.07867 0.06367	-0.06617 0.07617	-0.03117 0.11117

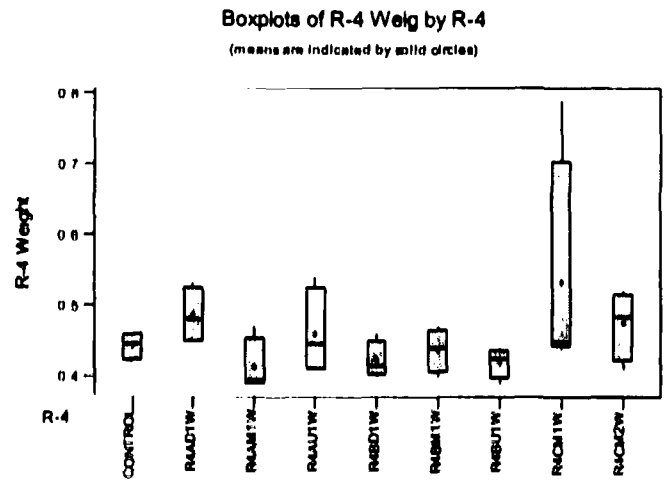
R6CM1W	-0.04117	-0.08617	-0.05367	-0.10117	-0.08867	-0.05367
	0.10117	0.05617	0.08867	0.04117	0.05367	0.08867

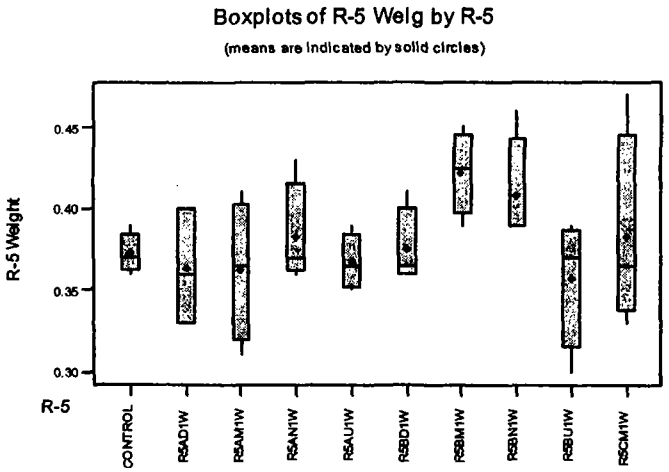
	R6BU1W
R6CM1W	-0.09367
	0.04867

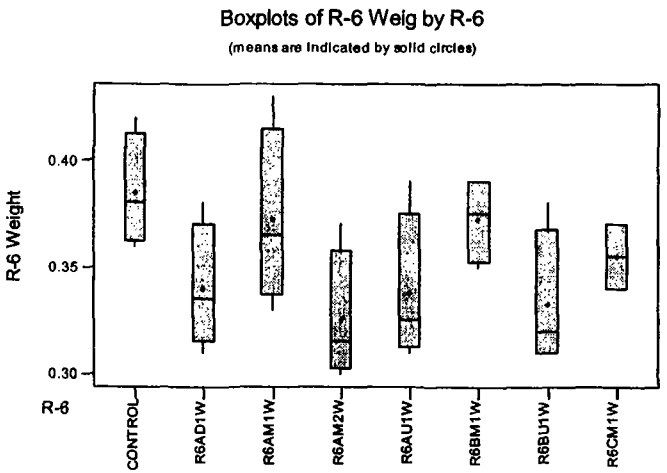

Boxplots of R-1 Weig by R-1
(means are indicated by solid circles)
R-1 Weight per org
R-1


Boxplots of R-2 Weig by R-2
(means are indicated by solid circles)
R-2 Weight
R-2


Boxplots of R-3 Weig by R-3
(means are indicated by solid circles)
R-3 Weight
R-3


Boxplots of R-4 Weig by R-4
(means are indicated by solid circles)
R-4 Weight
R-4


Boxplots of R-5 Weig by R-5
(means are indicated by solid circles)
R-5 Weight
0.45
0.40
0.35
0.30
R-5
CONTROL
R5AD1W
R5AM1W
R5AN1W
R5AU1W
R5BD1W
R5BM1W
R5BN1W
R5BU1W
R5CM1W


Boxplots of R-6 Weig by R-6
(means are indicated by solid circles)
R-6 Weight
0.40
0.35
0.30
R-6
CONTROL
R6AD1W
R6AM1W
R6AM2W
R6AU1W
R6BM1W
R6BU1W
R6CM1W

Appendix II-G

Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
CONT.#1	Clam-CONT.#1	02/06/03	Field Sample	8290	35822-46-9	T	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	0.52	U	0.52	ppb
CONT.#1	Clam-CONT.#1	02/06/03	Field Sample	8290	67562-39-4	T	1,2,3,4,6,7,8-HpCDF	0.22	U	0.22	ppb
CONT.#1	Clam-CONT.#1	02/06/03	Field Sample	8290	55673-89-7	T	1,2,3,4,7,8,9-HpCDF	0.27	U	0.27	ppb
CONT.#1	Clam-CONT.#1	02/06/03	Field Sample	8290	39227-28-6	T	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.46	U	0.46	ppb
CONT.#1	Clam-CONT.#1	02/06/03	Field Sample	8290	70648-26-9	T	1,2,3,4,7,8-HxCDF	0.23	UJ	0.23	ppb
CONT.#1	Clam-CONT.#1	02/06/03	Field Sample	8290	57653-85-7	T	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	0.45	U	0.45	ppb
CONT.#1	Clam-CONT.#1	02/06/03	Field Sample	8290	57117-44-9	T	1,2,3,6,7,8-HxCDF	0.2	UJ	0.2	ppb
CONT.#1	Clam-CONT.#1	02/06/03	Field Sample	8290	19408-74-3	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.44	U	0.44	ppb
CONT.#1	Clam-CONT.#1	02/06/03	Field Sample	8290	72918-21-9	T	1,2,3,7,8,9-HxCDF	0.27	U	0.27	ppb
CONT.#1	Clam-CONT.#1	02/06/03	Field Sample	8290	57117-41-6	T	1,2,3,7,8-Pentachlorodibenzofuran	0.32	U	0.32	ppb
CONT.#1	Clam-CONT.#1	02/06/03	Field Sample	8290	40321-76-4	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.7	U	0.7	ppb
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8270	120-82-1	T	1,2,4-Trichlorobenzene	990	U	990	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8270	95-50-1	T	1,2-Dichlorobenzene	990	U	990	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8270	541-73-1	T	1,3-Dichlorobenzene	990	U	990	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8270	106-46-7	T	1,4-Dichlorobenzene	990	U	990	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8270	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	990	U	990	ug/kg
CONT.#1	Clam-CONT.#1	02/06/03	Field Sample	8290	60851-34-5	T	2,3,4,6,7,8-HxCDF	0.23	U	0.23	ppb
CONT.#1	Clam-CONT.#1	02/06/03	Field Sample	8290	57117-31-4	T	2,3,4,7,8-PeCDF	0.32	U	0.32	ppb
CONT.#1	Clam-CONT.#1	02/06/03	Field Sample	8290	1746-01-6	T	2,3,7,8-TCDD	0.27	U	0.27	ppb
CONT.#1	Clam-CONT.#1	02/06/03	Field Sample	8290	51207-31-9	T	2,3,7,8-Tetrachlorodibenzofuran	0.2	U	0.2	ppb
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8151	93-76-5	T	2,4,5-T	8.3	U	8.3	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8151	93-72-1	T	2,4,5-TP (Silvex)	8.3	U	8.3	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8270	95-95-4	T	2,4,5-Trichlorophenol	990	U	990	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8270	88-06-2	T	2,4,6-Trichlorophenol	990	U	990	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8151	94-75-7	T	2,4-D	8.3	U	8.3	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8151	94-82-6	T	2,4-DB	8.3	U	8.3	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8270	120-83-2	T	2,4-Dichlorophenol	990	U	990	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8270	105-67-9	T	2,4-Dimethylphenol	990	U	990	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8270	51-28-5	T	2,4-Dinitrophenol	5100	U	5100	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8270	121-14-2	T	2,4-Dinitrotoluene	990	U	990	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8270	606-20-2	T	2,6-Dinitrotoluene	990	U	990	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8270	91-58-7	T	2-Chloronaphthalene	990	U	990	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8270	95-57-8	T	2-Chlorophenol	990	U	990	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8270	91-57-6	T	2-Methylnaphthalene	990	U	990	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8270	95-48-7	T	2-Methylphenol (o-Cresol)	990	U	990	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8270	88-74-4	T	2-Nitroaniline	5100	U	5100	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8270	88-75-5	T	2-Nitrophenol	990	U	990	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8270	91-94-1	T	3,3'-Dichlorobenzidine	2000	U	2000	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8270	108-44-5	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	990	U	990	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8270	99-09-2	T	3-Nitroaniline	5100	U	5100	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8081	72-54-8	T	4,4'-DDD	10	U	10	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8081	72-55-9	T	4,4'-DDE	3.5	J	10	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8081	50-29-3	T	4,4'-DDT	10	U	10	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	5100	U	5100	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	990	U	990	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8270	59-50-7	T	4-Chloro-3-methylphenol	990	U	990	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	990	U	990	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8270	100-02-7	T	4-Nitrophenol	5100	U	5100	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8270	83-32-9	T	Acenaphthene	990	U	990	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8270	208-96-8	T	Acenaphthylene	990	U	990	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8081	309-00-2	T	Aldrin	5	U	5	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8081	319-84-6	T	alpha-BHC	5	U	5	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8081	5103-71-9	T	alpha-Chlordane	5	U	5	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	6010	7429-90-5	T	Aluminum	32	J	20	mg/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8270	120-12-7	T	Anthracene	990	U	990	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	6010	7440-36-0	T	Antimony	1.7	U	1.7	mg/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	6010	7440-38-2	T	Arsenic	2		0.85	mg/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	6010	7440-39-3	T	Barium	81		0.91	mg/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	990	U	990	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	990	U	990	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	990	U	990	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8270	191-24-2	T	Benzo(g,h,i)perylene	990	U	990	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	990	U	990	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	990	U	990	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	6010	7440-41-7	T	Beryllium	0.34	U	0.34	mg/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8081	319-85-7	T	beta-BHC	5	U	5	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	990	U	990	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	990	U	990	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	990	U	990	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	6010	7440-43-9	T	Cadmium	0.43	U	0.43	mg/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8270	86-74-8	T	Carbazole	990	U	990	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	6010	7440-47-3	T	Chromium	3.7		0.85	mg/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8270	218-01-9	T	Chrysene	990	U	990	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	6010	7440-48-4	T	Cobalt	0.37		0.85	mg/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	6010	7440-50-8	T	Copper	4.1		0.01	mg/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8151	75-99-0	T	Dalapon	2000	U	2000	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	680	2051-24-3	T	Decachlorobiphenyl	50	U	50	ug/kg
CONT.#1	Clam-CONT.#1	02/06/2003	Field Sample	8081	319-86-8	T	delta-BHC	5	U	5	ug/kg

Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	53-70-3	T	Dibenz(a,h)anthracene	[illegible]	U	[illegible]	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	132-64-9	T	Dibenzofuran	[illegible]	U	[illegible]	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	1918-00-9	T	Dicamba	20	U	20	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	C-DICHLOROBI	T	Dichlorobiphenyl	10	U	10	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	120-36-5	T	Dichlorprop	[illegible]	U	[illegible]	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	60-57-1	T	Dieldrin	10	U	10	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	84-66-2	T	Diethyl Phthalate	[illegible]	U	[illegible]	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	131-11-3	T	Dimethyl Phthalate	[illegible]	U	[illegible]	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	84-74-2	T	Di-n-butylphthalate	[illegible]	U	[illegible]	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	117-84-0	T	Di-n-octylphthalate	[illegible]	U	[illegible]	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	88-85-7	T	Dinoseb	[illegible]	U	[illegible]	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	959-98-8	T	Endosulfan I	5	U	5	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	33213-65-9	T	Endosulfan II	10	U	10	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	1031-07-8	T	Endosulfan Sulfate	10	U	10	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	72-20-8	T	Endrin	10	U	10	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	7421-93-4	T	Endrin Aldehyde	10	U	10	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	53494-70-5	T	Endrin Ketone	10	U	10	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	206-44-0	T	Fluoranthene	[illegible]	U	[illegible]	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	86-73-7	T	Fluorene	[illegible]	U	[illegible]	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	58-89-9	T	gamma-BHC (Lindane)	5	U	5	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	5103-74-2	T	gamma-Chlordane	5	U	5	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	76-44-8	T	Heptachlor	5	U	5	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	1024-57-3	T	Heptachlor Epoxide	5	U	5	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	C-HEPTACHLOR	T	Heptachlorobiphenyl	20	U	20	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	118-74-1	T	Hexachlorobenzene	[illegible]	U	[illegible]	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	C-HEXACHLORO	T	Hexachlorobiphenyl	20	U	20	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	87-68-3	T	Hexachlorobutadiene	[illegible]	U	[illegible]	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	77-47-4	T	Hexachlorocyclopentadiene	[illegible]	U	[illegible]	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	67-72-1	T	Hexachloroethane	[illegible]	U	[illegible]	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	193-39-5	T	Indeno(1,2,3-cd)pyrene	[illegible]	U	[illegible]	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	7439-89-6	T	Iron	[illegible]	J	[illegible]	mg/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	78-59-1	T	Isophorone	[illegible]	U	[illegible]	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	7439-92-1	T	Lead	[illegible]	U	[illegible]	mg/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	7439-95-4	T	Magnesium	[illegible]		47	mg/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	7439-96-5	T	Manganese	[illegible]		[illegible]	mg/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	2000	U	2000	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	93-65-2	T	MCPP	2000	U	2000	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	7439-97-6	T	Mercury	[illegible]	J	[illegible]	mg/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	72-43-5	T	Methoxychlor	50	U	50	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	C-MONOCHLORO	T	Monochlorobiphenyl	10	U	10	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	91-20-3	T	Naphthalene	[illegible]	U	[illegible]	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	7440-02-0	T	Nickel	[illegible]		3.5	mg/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	98-95-3	T	Nitrobenzene	[illegible]	U	[illegible]	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	621-64-7	T	N-Nitroso-di-n-propylamine	[illegible]	U	[illegible]	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	86-30-6	T	N-Nitrosodiphenylamine	[illegible]	U	[illegible]	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	C-NONACHLORO	T	Nonachlorobiphenyl	50	U	50	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	3268-87-9	T	OCDD	2.8	U	2.8	pg/g
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	39001-02-0	T	OCDF	[illegible]	U	[illegible]	pg/g
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	C-OCTA-BIPHE	T	Octachlorobiphenyl	30	U	30	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	106-47-8	T	P-Chloroaniline	2000	U	2000	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	C-PENTAPHEN	T	Pentachlorobiphenyl	20	U	20	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	87-86-5	T	Pentachlorophenol	17	U	17	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	87-86-5	T	Pentachlorophenol	[illegible]	U	[illegible]	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	C817	T	Percent Lipids	3		1	%
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	85-01-8	T	Phenanthrene	[illegible]	U	[illegible]	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	108-95-2	T	Phenol	[illegible]	U	[illegible]	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	100-01-6	T	P-Nitroaniline	[illegible]	U	[illegible]	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	7440-09-7	T	Potassium	75		[illegible]	mg/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	129-00-0	T	Pyrene	[illegible]	U	[illegible]	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	7782-49-2	T	Selenium	[illegible]	U	[illegible]	mg/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	7440-22-4	T	Silver	[illegible]	U	[illegible]	mg/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	7440-23-5	T	Sodium	[illegible]	J	47	mg/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	C-TETRACHLOR	T	Tetrachlorobiphenyl	20	U	20	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	7440-28-0	T	Thallium	[illegible]	U	[illegible]	mg/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	37871-00-4	T	Total HpCDD	[illegible]	U	[illegible]	pg/g
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	38998-75-3	T	Total HpCDF	[illegible]	U	[illegible]	pg/g
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	34465-46-8	T	Total HxCDD	[illegible]	U	[illegible]	pg/g
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	55684-94-1	T	Total HxCDF	[illegible]	U	[illegible]	pg/g
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	36088-22-9	T	Total PeCDD	0.7	U	0.7	pg/g
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	30402-15-4	T	Total PeCDF	[illegible]	U	[illegible]	pg/g
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	41903-57-5	T	Total TCDD	[illegible]	U	[illegible]	pg/g
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	55722-27-5	T	Total TCDF	[illegible]		[illegible]	pg/g
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	8001-35-2	T	Toxaphene	[illegible]	U	[illegible]	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	C-TRICHLOROB	T	Trichlorobiphenyl	10	U	10	ug/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	7440-62-2	T	Vanadium	[illegible]	U	[illegible]	mg/kg
CONT #1	Clam-CONT #1	[illegible]	Field Sample	[illegible]	7440-66-6	T	Zinc	27	J	[illegible]	mg/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	35822-46-9	T	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	[illegible]	[illegible]	[illegible]	pg/g
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	67562-39-4	T	1,2,3,4,6,7,8-HpCDF	0.5	[illegible]	[illegible]	pg/g
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	55673-89-7	T	1,2,3,4,7,8,9-HpCDF	[illegible]	[illegible]	[illegible]	pg/g

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
CONT.#2	Clam-CONT.#2	02/06/03	Field Sample	8290	39227-28-6	T	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.65	UJ	0.65	pg/g
CONT.#2	Clam-CONT.#2	02/06/03	Field Sample	8290	70648-26-9	T	1,2,3,4,7,8-HxCDF	0.49	UJ	0.49	pg/g
CONT.#2	Clam-CONT.#2	02/06/03	Field Sample	8290	57653-85-7	T	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	0.59	UJ	0.59	pg/g
CONT.#2	Clam-CONT.#2	02/06/03	Field Sample	8290	57117-44-9	T	1,2,3,6,7,8-HxCDF	0.44	UJ	0.44	pg/g
CONT.#2	Clam-CONT.#2	02/06/03	Field Sample	8290	19408-74-3	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.65	UJ	0.65	pg/g
CONT.#2	Clam-CONT.#2	02/06/03	Field Sample	8290	72918-21-9	T	1,2,3,7,8,9-HxCDF	0.55	UJ	0.55	pg/g
CONT.#2	Clam-CONT.#2	02/06/03	Field Sample	8290	57117-41-6	T	1,2,3,7,8-Pentachlorodibenzofuran	0.44	UJ	0.44	pg/g
CONT.#2	Clam-CONT.#2	02/06/03	Field Sample	8290	40321-76-4	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.7	UJ	0.7	pg/g
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8270	120-82-1	T	1,2,4-Trichlorobenzene	990	U	990	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8270	95-50-1	T	1,2-Dichlorobenzene	990	U	990	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8270	541-73-1	T	1,3-Dichlorobenzene	990	U	990	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8270	106-46-7	T	1,4-Dichlorobenzene	990	U	990	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8270	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	990	U	990	ug/kg
CONT.#2	Clam-CONT.#2	02/06/03	Field Sample	8290	60851-34-5	T	2,3,4,6,7,8-HxCDF	0.51	UJ	0.51	pg/g
CONT.#2	Clam-CONT.#2	02/06/03	Field Sample	8290	57117-31-4	T	2,3,4,7,8-PeCDF	0.4	UJ	0.4	pg/g
CONT.#2	Clam-CONT.#2	02/06/03	Field Sample	8290	1746-01-6	T	2,3,7,8-TCDD	0.29	UJ	0.29	pg/g
CONT.#2	Clam-CONT.#2	02/06/03	Field Sample	8290	51207-31-9	T	2,3,7,8-Tetrachlorodibenzofuran	0.31	UJ	0.31	pg/g
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8151	93-76-5	T	2,4,5-T	25	U	25	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8151	93-72-1	T	2,4,5-TP (Silvex)	25	U	25	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8270	95-95-4	T	2,4,5-Trichlorophenol	990	U	990	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8270	88-06-2	T	2,4,6-Trichlorophenol	990	U	990	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8151	94-75-7	T	2,4-D	25	U	25	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8151	94-82-6	T	2,4-DB	4.9	J	8.3	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8270	120-83-2	T	2,4-Dichlorophenol	990	U	990	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8270	105-67-9	T	2,4-Dimethylphenol	990	U	990	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8270	51-28-5	T	2,4-Dinitrophenol	5100	U	5100	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8270	121-14-2	T	2,4-Dinitrotoluene	990	U	990	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8270	606-20-2	T	2,6-Dinitrotoluene	990	U	990	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8270	91-58-7	T	2-Chloronaphthalene	990	U	990	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8270	95-57-8	T	2-Chlorophenol	990	U	990	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8270	91-57-6	T	2-Methylnaphthalene	990	U	990	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8270	95-48-7	T	2-Methylphenol (o-Cresol)	990	U	990	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8270	88-74-4	T	2-Nitroaniline	5100	U	5100	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8270	88-75-5	T	2-Nitrophenol	990	U	990	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8270	91-94-1	T	3,3'-Dichlorobenzidine	2000	U	2000	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8270	108-44-5	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	990	U	990	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8270	99-09-2	T	3-Nitroaniline	5100	U	5100	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8081	72-54-8	T	4,4'-DDD	10	U	10	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8081	72-55-9	T	4,4'-DDE	6.4	J	10	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8081	50-29-3	T	4,4'-DDT	10	U	10	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	5100	U	5100	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	990	U	990	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8270	59-50-7	T	4-Chloro-3-methylphenol	990	U	990	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	990	U	990	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8270	100-02-7	T	4-Nitrophenol	5100	U	5100	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8270	83-32-9	T	Acenaphthene	990	U	990	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8270	208-96-8	T	Acenaphthylene	990	U	990	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8081	309-00-2	T	Aldrin	5	U	5	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8081	319-84-6	T	alpha-BHC	5	U	5	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8081	5103-71-9	T	alpha-Chlordane	5	U	5	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	6010	7429-90-5	T	Aluminum	45		20	mg/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8270	120-12-7	T	Anthracene	990	U	990	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	6010	7440-36-0	T	Antimony	1.8	U	1.8	mg/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	6010	7440-38-2	T	Arsenic	2.2		0.85	mg/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	6010	7440-39-3	T	Barium	56		0.91	mg/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	990	U	990	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	990	U	990	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	990	U	990	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8270	191-24-2	T	Benzo(g,h,i)perylene	990	U	990	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	990	U	990	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	990	U	990	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	6010	7440-41-7	T	Beryllium	0.37	U	0.37	mg/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8081	319-85-7	T	beta-BHC	5	U	5	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	990	U	990	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	990	U	990	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	990	U	990	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	6010	7440-43-9	T	Cadmium	0.46	U	0.46	mg/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8270	86-74-8	T	Carbazole	990	U	990	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	6010	7440-47-3	T	Chromium	2.9		0.85	mg/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8270	218-01-9	T	Chrysene	990	U	990	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	6010	7440-48-4	T	Cobalt	0.37		0.85	mg/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	6010	7440-50-8	T	Copper	5.2		0.01	mg/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8151	75-99-0	T	Dalapon	6000	U	6000	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	680	2051-24-3	T	Decachlorobiphenyl	50	U	50	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8081	319-86-8	T	delta-BHC	5	U	5	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8270	53-70-3	T	Dibenzo(a,h)anthracene	990	U	990	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8270	132-64-9	T	Dibenzofuran	990	U	990	ug/kg
CONT.#2	Clam-CONT.#2	02/06/2003	Field Sample	8151	1918-00-9	T	Dicamba	60	U	60	ug/kg

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	C-DICHLOROBI	T	Dichlorobiphenyl	10	U	10	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	[illegible]	T	Dichlorprop	[illegible]	U	[illegible]	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	60-57-1	T	Dieldrin	10	U	10	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	84-66-2	T	Diethyl Phthalate	[illegible]	U	[illegible]	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	131-11-3	T	Dimethyl Phthalate	[illegible]	U	[illegible]	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	84-74-2	T	Di-n-butylphthalate	[illegible]	U	[illegible]	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	117-84-0	T	Di-n-octylphthalate	[illegible]	U	[illegible]	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	88-85-7	T	Dinoseb	[illegible]	U	[illegible]	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	[illegible]	T	Endosulfan I	5	U	5	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	[illegible]	T	Endosulfan II	10	U	10	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	[illegible]	T	Endosulfan Sulfate	10	U	10	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	72-20-8	T	Endrin	10	U	10	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	7421-93-4	T	Endrin Aldehyde	10	U	10	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	[illegible]	T	Endrin Ketone	10	U	10	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	206-44-0	T	Fluoranthene	[illegible]	U	[illegible]	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	86-73-7	T	Fluorene	[illegible]	U	[illegible]	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	58-89-9	T	gamma-BHC (Lindane)	5	U	5	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	5103-74-2	T	gamma-Chlordane	5	U	5	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	76-44-8	T	Heptachlor	5	U	5	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	1024-57-3	T	Heptachlor Epoxide	5	U	5	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	C-HEPTACHLOR	T	Heptachlorobiphenyl	[illegible]	U	[illegible]	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	118-74-1	T	Hexachlorobenzene	[illegible]	U	[illegible]	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	C-HEXACHLORO	T	Hexachlorobiphenyl	[illegible]	U	[illegible]	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	87-68-3	T	Hexachlorobutadiene	[illegible]	U	[illegible]	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	77-47-4	T	Hexachlorocyclopentadiene	[illegible]	U	[illegible]	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	67-72-1	T	Hexachloroethane	[illegible]	U	[illegible]	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	193-39-5	T	Indeno(1,2,3-cd)pyrene	[illegible]	U	[illegible]	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	[illegible]	T	Iron	[illegible]		[illegible]	mg/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	78-59-1	T	Isophorone	[illegible]	U	[illegible]	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	[illegible]	T	Lead	[illegible]	U	[illegible]	mg/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	[illegible]	T	Magnesium	[illegible]		47	mg/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	[illegible]	T	Manganese	[illegible]		[illegible]	mg/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	[illegible]	U	[illegible]	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	93-65-2	T	MCPP	[illegible]	U	[illegible]	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	[illegible]	T	Mercury	[illegible]		[illegible]	mg/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	72-43-5	T	Methoxychlor	[illegible]	U	[illegible]	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	C-MONOCHLORO	T	Monochlorobiphenyl	10	U	10	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	91-20-3	T	Naphthalene	[illegible]	U	[illegible]	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	[illegible]	T	Nickel	[illegible]		3.5	mg/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	98-95-3	T	Nitrobenzene	[illegible]	U	[illegible]	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	621-64-7	T	N-Nitroso-di-n-propylamine	[illegible]	U	[illegible]	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	86-30-6	T	N-Nitrosodiphenylamine	[illegible]	U	[illegible]	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	C-NONACHLORO	T	Nonachlorobiphenyl	[illegible]	U	[illegible]	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	[illegible]	T	OCDD	2.4	[illegible]	2.4	pg/g
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	[illegible]	T	OCDF	1.2	[illegible]	1.2	pg/g
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	C-OCTA-BIPHE	T	Octachlorobiphenyl	[illegible]	U	[illegible]	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	106-47-8	T	P-Chloroaniline	[illegible]	U	[illegible]	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	C-PENTACHLO	T	Pentachlorobiphenyl	[illegible]	U	[illegible]	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	87-86-5	T	Pentachlorophenol	[illegible]	U	[illegible]	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	87-86-5	T	Pentachlorophenol	[illegible]	U	[illegible]	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	[illegible]	T	Percent Lipids	[illegible]	[illegible]	[illegible]	%
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	85-01-8	T	Phenanthrene	[illegible]	U	[illegible]	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	108-95-2	T	Phenol	[illegible]	U	[illegible]	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	100-01-6	T	P-Nitroaniline	[illegible]	U	[illegible]	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	[illegible]	T	Potassium	[illegible]		[illegible]	mg/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	129-00-0	T	Pyrene	[illegible]	U	[illegible]	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	[illegible]	T	Selenium	[illegible]	U	[illegible]	mg/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	[illegible]	T	Silver	[illegible]	U	[illegible]	mg/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	[illegible]	T	Sodium	[illegible]		[illegible]	mg/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	C-TETRACHLOR	T	Tetrachlorobiphenyl	[illegible]	U	[illegible]	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	[illegible]	T	Thallium	[illegible]	U	[illegible]	mg/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HpCDD	[illegible]	[illegible]	[illegible]	pg/g
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HpCDF	[illegible]	[illegible]	[illegible]	pg/g
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HxCDD	[illegible]	[illegible]	[illegible]	pg/g
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HxCDF	[illegible]	[illegible]	[illegible]	pg/g
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	[illegible]	T	Total PeCDD	0.7	[illegible]	0.7	pg/g
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	[illegible]	T	Total PeCDF	0.44	[illegible]	0.44	pg/g
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	[illegible]	T	Total TCDD	[illegible]	[illegible]	[illegible]	pg/g
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	[illegible]	T	Total TCDF	1.7	[illegible]	1.7	pg/g
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	[illegible]	T	Toxaphene	[illegible]	U	[illegible]	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	C-TRICHLOROB	T	Trichlorobiphenyl	10	U	10	ug/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	[illegible]	T	Vanadium	[illegible]	U	[illegible]	mg/kg
CONT #2	Clam-CONT #2	[illegible]	Field Sample	[illegible]	[illegible]	T	Zinc	4.1		[illegible]	mg/kg
CONT #3	Clam-CONT #3	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	[illegible]	U	[illegible]	pg/g
CONT #3	Clam-CONT #3	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,6,7,8-HpCDF	0.12	U	0.12	pg/g
CONT #3	Clam-CONT #3	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8,9-HpCDF	0.15	U	0.15	pg/g
CONT #3	Clam-CONT #3	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.17	U	0.17	pg/g
CONT #3	Clam-CONT #3	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8-HxCDF	[illegible]	U	[illegible]	pg/g
CONT #3	Clam-CONT #3	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	0.15	U	0.15	pg/g

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
CONT.#3	Clam-CONT.#3	02/06/03	Field Sample	8290	57117-44-9	T	1,2,3,6,7,8-HxCDF	0.079	U	0.079	pg/g
CONT.#3	Clam-CONT.#3	02/06/03	Field Sample	8290	19408-74-3	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.15	U	0.15	pg/g
CONT.#3	Clam-CONT.#3	02/06/03	Field Sample	8290	72918-21-9	T	1,2,3,7,8,9-HxCDF	0.1	UJ	0.1	pg/g
CONT.#3	Clam-CONT.#3	02/06/03	Field Sample	8290	57117-41-6	T	1,2,3,7,8-Pentachlorodibenzofuran	0.23	U	0.23	pg/g
CONT.#3	Clam-CONT.#3	02/06/03	Field Sample	8290	40321-76-4	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.32	U	0.32	pg/g
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8270	120-82-1	T	1,2,4-Trichlorobenzene	990	U	990	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8270	95-50-1	T	1,2-Dichlorobenzene	990	U	990	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8270	541-73-1	T	1,3-Dichlorobenzene	990	U	990	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8270	106-46-7	T	1,4-Dichlorobenzene	990	U	990	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8270	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	990	U	990	ug/kg
CONT.#3	Clam-CONT.#3	02/06/03	Field Sample	8290	60851-34-5	T	2,3,4,6,7,8-HxCDF	0.083	U	0.083	pg/g
CONT.#3	Clam-CONT.#3	02/06/03	Field Sample	8290	57117-31-4	T	2,3,4,7,8-PeCDF	0.23	U	0.23	pg/g
CONT.#3	Clam-CONT.#3	02/06/03	Field Sample	8290	1746-01-6	T	2,3,7,8-TCDD	0.12	U	0.12	pg/g
CONT.#3	Clam-CONT.#3	02/06/03	Field Sample	8290	51207-31-9	T	2,3,7,8-Tetrachlorodibenzofuran	0.17	U	0.17	pg/g
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8151	93-76-5	T	2,4,5-T	8.3	U	8.3	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8151	93-72-1	T	2,4,5-TP (Silvex)	8.3	U	8.3	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8270	95-95-4	T	2,4,5-Trichlorophenol	990	U	990	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8270	88-06-2	T	2,4,6-Trichlorophenol	990	U	990	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8151	94-75-7	T	2,4-D	8.3	U	8.3	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8151	94-82-6	T	2,4-DB	8.3	U	8.3	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8270	120-83-2	T	2,4-Dichlorophenol	990	U	990	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8270	105-67-9	T	2,4-Dimethylphenol	990	U	990	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8270	51-28-5	T	2,4-Dinitrophenol	5100	U	5100	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8270	121-14-2	T	2,4-Dinitrotoluene	990	U	990	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8270	606-20-2	T	2,6-Dinitrotoluene	990	U	990	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8270	91-58-7	T	2-Chloronaphthalene	990	U	990	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8270	95-57-8	T	2-Chlorophenol	990	U	990	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8270	91-57-6	T	2-Methylnaphthalene	990	U	990	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8270	95-48-7	T	2-Methylphenol (o-Cresol)	990	U	990	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8270	88-74-4	T	2-Nitroaniline	5100	U	5100	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8270	88-75-5	T	2-Nitrophenol	990	U	990	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8270	91-94-1	T	3,3'-Dichlorobenzidine	2000	U	2000	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8270	108-44-5	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	990	U	990	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8270	99-09-2	T	3-Nitroaniline	5100	U	5100	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8081	72-54-8	T	4,4'-DDD	10	U	10	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8081	72-55-9	T	4,4'-DDE	5.6	J	10	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8081	50-29-3	T	4,4'-DDT	10	U	10	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	5100	U	5100	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	990	U	990	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8270	59-50-7	T	4-Chloro-3-methylphenol	990	U	990	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	990	U	990	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8270	100-02-7	T	4-Nitrophenol	5100	U	5100	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8270	83-32-9	T	Acenaphthene	990	U	990	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8270	208-96-8	T	Acenaphthylene	990	U	990	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8081	309-00-2	T	Aldrin	5	U	5	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8081	319-84-6	T	alpha-BHC	5	U	5	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8081	5103-71-9	T	alpha-Chlordane	5	U	5	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	6010	7429-90-5	T	Aluminum	61	J	20	mg/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8270	120-12-7	T	Anthracene	990	U	990	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	6010	7440-36-0	T	Antimony	1.9	U	1.9	mg/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	6010	7440-38-2	T	Arsenic	1.5		0.85	mg/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	6010	7440-39-3	T	Barium	88		0.91	mg/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	990	U	990	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	990	U	990	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	990	U	990	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8270	191-24-2	T	Benzo(g,h,i)perylene	990	U	990	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	990	U	990	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	990	U	990	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	6010	7440-41-7	T	Beryllium	0.39	U	0.39	mg/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8081	319-85-7	T	beta-BHC	5	U	5	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	990	U	990	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	990	U	990	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	990	U	990	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	6010	7440-43-9	T	Cadmium	0.49	U	0.49	mg/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8270	86-74-8	T	Carbazole	990	U	990	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	6010	7440-47-3	T	Chromium	5		0.85	mg/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8270	218-01-9	T	Chrysene	990	U	990	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	6010	7440-48-4	T	Cobalt	0.64		0.85	mg/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	6010	7440-50-8	T	Copper	6.2		0.01	mg/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8151	75-99-0	T	Dalapon	2000	U	2000	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	680	2051-24-3	T	Decachlorobiphenyl	50	U	50	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8081	319-86-8	T	delta-BHC	5	U	5	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8270	53-70-3	T	Dibenzo(a,h)anthracene	990	U	990	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8270	132-64-9	T	Dibenzofuran	990	U	990	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8151	1918-00-9	T	Dicamba	20	U	20	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	680	C-DICHLOROBI	T	Dichlorobiphenyl	10	U	10	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8151	120-36-5	T	Dichloprop	100	U	100	ug/kg
CONT.#3	Clam-CONT.#3	02/06/2003	Field Sample	8081	60-57-1	T	Dieldrin	10	U	10	ug/kg

Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	84-66-2	T	Diethyl Phthalate	330	U	330	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	131-11-3	T	Dimethyl Phthalate	330	U	330	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	84-74-2	T	Di-n-butylphthalate	330	U	330	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	117-84-0	T	Di-n-octylphthalate	330	U	330	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	88-85-7	T	Dinoseb	330	U	330	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	959-98-8	T	Endosulfan I	5	U	5	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	33213-65-9	T	Endosulfan II	10	U	10	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	1031-07-8	T	Endosulfan Sulfate	10	U	10	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	72-20-8	T	Endrin	10	U	10	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	7421-93-4	T	Endrin Aldehyde	10	U	10	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	53494-70-5	T	Endrin Ketone	10	U	10	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	206-44-0	T	Fluoranthene	330	U	330	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	86-73-7	T	Fluorene	330	U	330	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	58-89-9	T	gamma-BHC (Lindane)	5	U	5	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	5103-74-2	T	gamma-Chlordane	5	U	5	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	76-44-8	T	Heptachlor	5	U	5	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	1024-57-3	T	Heptachlor Epoxide	5	U	5	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	C-HEPTACHLOR	T	Heptachlorobiphenyl	30	U	30	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	118-74-1	T	Hexachlorobenzene	330	U	330	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	C-HEXACHLORO	T	Hexachlorobiphenyl	20	U	20	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	87-68-3	T	Hexachlorobutadiene	330	U	330	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	77-47-4	T	Hexachlorocyclopentadiene	330	U	330	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	67-72-1	T	Hexachloroethane	330	U	330	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	193-39-5	T	Indeno(1,2,3-cd)pyrene	330	U	330	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	7439-89-6	T	Iron	[illegible]	J	[illegible]	mg/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	78-59-1	T	Isophorone	330	U	330	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	7439-92-1	T	Lead	0.49	U	0.49	mg/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	7439-95-4	T	Magnesium	116		47	mg/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	7439-96-5	T	Manganese	[illegible]		[illegible]	mg/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	[illegible]	U	[illegible]	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	93-65-2	T	MCPP	[illegible]	U	[illegible]	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	7439-97-6	T	Mercury	[illegible]	UJ	[illegible]	mg/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	72-43-5	T	Methoxychlor	50	U	50	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	C-MONOCHLORO	T	Monochlorobiphenyl	10	U	10	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	91-20-3	T	Naphthalene	330	U	330	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	7440-02-0	T	Nickel	1.1		3.5	mg/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	98-95-3	T	Nitrobenzene	330	U	330	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	621-64-7	T	N-Nitroso-di-n-propylamine	330	U	330	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	86-30-6	T	N-Nitrosodiphenylamine	330	U	330	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	C-NONACHLORO	T	Nonachlorobiphenyl	50	U	50	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	3268-87-9	T	OCDD	1.1	U	1.1	[illegible]
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	39001-02-0	T	OCDF	0.22	U	0.22	[illegible]
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	C-OCTA-BPHE	T	Octachlorobiphenyl	30	U	30	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	106-47-8	T	P-Chloroaniline	[illegible]	U	[illegible]	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	C-PENTAPHEN	T	Pentachlorobiphenyl	20	U	20	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	87-86-5	T	Pentachlorophenol	17	U	17	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	87-86-5	T	Pentachlorophenol	1600	U	1600	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	[illegible]	T	Percent Lipids	1.3		1	%
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	85-01-8	T	Phenanthrene	330	U	330	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	108-95-2	T	Phenol	330	U	330	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	100-02-7	T	P-Nitrophenol	1600	U	1600	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	7440-09-7	T	Potassium	[illegible]		94	mg/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	129-00-0	T	Pyrene	330	U	330	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	7782-49-2	T	Selenium	0.97	U	0.97	mg/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	7440-22-4	T	Silver	0.97	U	0.97	mg/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	7440-23-5	T	Sodium	[illegible]	J	45	mg/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	C-TETRACHLOR	T	Tetrachlorobiphenyl	20	U	20	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	7440-28-0	T	Thallium	0.97	U	0.97	mg/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	37871-00-4	T	Total HpCDD	0.32	U	0.32	[illegible]
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	38998-75-3	T	Total HpCDF	0.15	U	0.15	[illegible]
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	34465-46-8	T	Total HxCDD	0.17	U	0.17	[illegible]
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	55684-94-1	T	Total HxCDF	[illegible]	U	[illegible]	[illegible]
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	36088-22-9	T	Total PeCDD	0.32	U	0.32	[illegible]
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	30402-15-4	T	Total PeCDF	[illegible]	U	[illegible]	[illegible]
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	41903-57-5	T	Total TCDD	0.12	U	0.12	[illegible]
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	55722-27-5	T	Total TCDF	1.3	U	1.3	[illegible]
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	8001-35-2	T	Toxaphene	[illegible]	U	[illegible]	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	C-TRICHLORO	T	Trichlorobiphenyl	10	U	10	ug/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	7440-62-2	T	Vanadium	1.2		[illegible]	mg/kg
CONT.#3	Clam-CONT.#3	[illegible]	Field Sample	[illegible]	7440-66-6	T	Zinc	[illegible]	J	[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	35822-46-9	T	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	0.74	U	0.74	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	67562-39-4	T	1,2,3,4,6,7,8-HpCDF	0.17	UJ	0.17	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	55673-89-7	T	1,2,3,4,7,8,9-HpCDF	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	39227-28-6	T	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	70648-26-9	T	1,2,3,4,7,8-HxCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	57653-85-7	T	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	57117-44-9	T	1,2,3,6,7,8-HxCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	19408-74-3	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	72918-21-9	T	1,2,3,7,8,9-HxCDF	[illegible]	U	[illegible]	[illegible]

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
RIAD1S	Clam-RIAD1S	02/06/03	Field Sample	8290	57117-41-6	T	1,2,3,7,8-Pentachlorodibenzofuran	0.049	UJ	0.049	pg/g
RIAD1S	Clam-RIAD1S	02/06/03	Field Sample	8290	40321-76-4	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.057	UJ	0.057	pg/g
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	120-82-1	T	1,2,4-Trichlorobenzene	990	U	990	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	95-50-1	T	1,2-Dichlorobenzene	990	U	990	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	541-73-1	T	1,3-Dichlorobenzene	990	U	990	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	106-46-7	T	1,4-Dichlorobenzene	990	U	990	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	990	U	990	ug/kg
RIAD1S	Clam-RIAD1S	02/06/03	Field Sample	8290	60851-34-5	T	2,3,4,6,7,8-HxCDF	0.058	U	0.058	pg/g
RIAD1S	Clam-RIAD1S	02/06/03	Field Sample	8290	57117-31-4	T	2,3,4,7,8-PeCDF	0.046	U	0.046	pg/g
RIAD1S	Clam-RIAD1S	02/06/03	Field Sample	8290	1746-01-6	T	2,3,7,8-TCDD	0.023	UJ	0.023	pg/g
RIAD1S	Clam-RIAD1S	02/06/03	Field Sample	8290	51207-31-9	T	2,3,7,8-Tetrachlorodibenzofuran	0.076	UJ	0.076	pg/g
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8151	93-76-5	T	2,4,5-T	8.3	U	8.3	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8151	93-72-1	T	2,4,5-TP (Silvex)	8.3	U	8.3	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	95-95-4	T	2,4,5-Trichlorophenol	990	U	990	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	88-06-2	T	2,4,6-Trichlorophenol	990	U	990	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8151	94-75-7	T	2,4-D	8.3	U	8.3	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8151	94-82-6	T	2,4-DB	8.3	U	8.3	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	120-83-2	T	2,4-Dichlorophenol	990	U	990	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	105-67-9	T	2,4-Dimethylphenol	990	U	990	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	51-28-5	T	2,4-Dinitrophenol	5100	U	5100	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	121-14-2	T	2,4-Dinitrotoluene	990	U	990	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	606-20-2	T	2,6-Dinitrotoluene	990	U	990	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	91-58-7	T	2-Chloronaphthalene	990	U	990	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	95-57-8	T	2-Chlorophenol	990	U	990	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	91-57-6	T	2-Methylnaphthalene	990	U	990	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	95-48-7	T	2-Methylphenol (o-Cresol)	990	U	990	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	88-74-4	T	2-Nitroaniline	5100	U	5100	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	88-75-5	T	2-Nitrophenol	990	U	990	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	91-94-1	T	3,3'-Dichlorobenzidine	2000	U	2000	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	108-44-5	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	990	U	990	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	99-09-2	T	3-Nitroaniline	5100	U	5100	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8081	72-54-8	T	4,4'-DDD	10	UJ	10	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8081	72-55-9	T	4,4'-DDE	9.7	J	10	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8081	50-29-3	T	4,4'-DDT	10	U	10	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	5100	U	5100	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	990	U	990	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	59-50-7	T	4-Chloro-3-methylphenol	990	U	990	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	990	U	990	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	100-02-7	T	4-Nitrophenol	5100	U	5100	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	83-32-9	T	Acenaphthene	990	U	990	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	208-96-8	T	Acenaphthylene	990	U	990	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8081	309-00-2	T	Aldrin	5	U	5	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8081	319-84-6	T	alpha-BHC	5	U	5	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8081	5103-71-9	T	alpha-Chlordane	5	U	5	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	6010	7429-90-5	T	Aluminum	83		20	mg/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	120-12-7	T	Anthracene	990	U	990	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	6010	7440-36-0	T	Antimony	1.7	U	1.7	mg/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	6010	7440-38-2	T	Arsenic	1.4		0.85	mg/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	6010	7440-39-3	T	Barium	89		0.91	mg/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	990	U	990	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	990	U	990	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	990	U	990	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	191-24-2	T	Benzo(g,h,i)perylene	990	U	990	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	990	U	990	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	990	U	990	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	6010	7440-41-7	T	Beryllium	0.34	U	0.34	mg/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8081	319-85-7	T	beta-BHC	5	U	5	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	990	U	990	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	990	U	990	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	990	U	990	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	6010	7440-43-9	T	Cadmium	0.43	U	0.43	mg/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	86-74-8	T	Carbazole	990	U	990	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	6010	7440-47-3	T	Chromium	4.1		0.85	mg/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	218-01-9	T	Chrysene	990	U	990	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	6010	7440-48-4	T	Cobalt	0.51		0.85	mg/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	6010	7440-50-8	T	Copper	7.3		0.01	mg/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8151	75-99-0	T	Dalapon	2000	U	2000	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	680	2051-24-3	T	Decachlorobiphenyl	50	U	50	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8081	319-86-8	T	delta-BHC	5	U	5	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	53-70-3	T	Dibenz(a,h)anthracene	990	U	990	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	132-64-9	T	Dibenzofuran	990	U	990	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8151	1918-00-9	T	Dicamba	20	U	20	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	680	C-DICHLOROBI	T	Dichlorobiphenyl	10	U	10	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8151	120-36-5	T	Dichloprop	100	U	100	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8081	60-57-1	T	Dieldrin	10	U	10	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	84-66-2	T	Diethyl Phthalate	990	U	990	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	990	U	990	ug/kg
RIAD1S	Clam-RIAD1S	02/06/2003	Field Sample	8270	84-74-2	T	Di-n-butylphthalate	150	J	990	ug/kg

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	117-84-0	T	Di-n-octylphthalate	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	88-85-7	T	Dinoseb	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	959-98-8	T	Endosulfan I	5	[illegible]	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	33213-65-9	T	Endosulfan II	10	[illegible]	10	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	1031-07-8	T	Endosulfan Sulfate	10	[illegible]	10	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	72-20-8	T	Endrin	10	[illegible]	10	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7421-93-4	T	Endrin Aldehyde	10	[illegible]	10	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	53494-70-5	T	Endrin Ketone	10	[illegible]	10	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	206-44-0	T	Fluoranthene	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	86-73-7	T	Fluorene	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	58-89-9	T	gamma-BHC (Lindane)	5	[illegible]	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	5103-74-2	T	gamma-Chlordane	5	[illegible]	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	76-44-8	T	Heptachlor	5	[illegible]	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	1024-57-3	T	Heptachlor Epoxide	5	[illegible]	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-HEPTACHLOR	T	Heptachlorobiphenyl	20	[illegible]	20	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	118-74-1	T	Hexachlorobenzene	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-HEXACHLORO	T	Hexachlorobiphenyl	20	[illegible]	20	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	87-68-3	T	Hexachlorobutadiene	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	77-47-4	T	Hexachlorocyclopentadiene	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	67-72-1	T	Hexachloroethane	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	193-39-5	T	Indeno(1,2,3-cd)pyrene	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7439-89-6	T	Iron	[illegible]	J	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	78-59-1	T	Isophorone	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7439-92-1	T	Lead	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7439-95-4	T	Magnesium	[illegible]		47	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7439-96-5	T	Manganese	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	93-65-2	T	MCPP	[illegible]	J	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7439-97-6	T	Mercury	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	72-43-5	T	Methoxychlor	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-MONOCHLORO	T	Monochlorobiphenyl	10	[illegible]	10	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	91-20-3	T	Naphthalene	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-02-0	T	Nickel	[illegible]		3.5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	98-95-3	T	Nitrobenzene	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	621-64-7	T	N-Nitroso-di-n-propylamine	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	86-30-6	T	N-Nitrosodiphenylamine	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-NONACHLORO	T	Nonachlorobiphenyl	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	3268-87-9	T	OCDD	11		1.1	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	39001-02-0	T	OCDF	[illegible]	[illegible]	[illegible]	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-OCTA-BIPHE	T	Octachlorobiphenyl	20	[illegible]	20	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	106-47-8	T	P-Chloroaniline	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-PENTACHLOR	T	Pentachlorobiphenyl	20	[illegible]	20	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	87-86-5	T	Pentachlorophenol	17	[illegible]	17	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	87-86-5	T	Pentachlorophenol	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Percent Lipids	2.2		1	%
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	85-01-8	T	Phenanthrene	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	108-95-2	T	Phenol	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	100-01-6	T	P-Nitroaniline	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-09-7	T	Potassium	[illegible]	J	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	129-00-0	T	Pyrene	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7782-49-2	T	Selenium	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-22-4	T	Silver	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-23-5	T	Sodium	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-TETRACHLOR	T	Tetrachlorobiphenyl	20	[illegible]	20	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-28-0	T	Thallium	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	37871-00-4	T	Total HpCDD	1.2	[illegible]	1.2	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	38998-75-3	T	Total HpCDF	0.17	[illegible]	0.17	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	34465-46-8	T	Total HxCDD	0.14	[illegible]	0.14	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	55684-94-1	T	Total HxCDF	[illegible]	[illegible]	[illegible]	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	36088-22-9	T	Total PeCDD	0.2	[illegible]	0.2	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	30402-15-4	T	Total PeCDF	0.44	[illegible]	0.44	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	41903-57-5	T	Total TCDD	[illegible]	[illegible]	[illegible]	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	55722-27-5	T	Total TCDF	1.2	[illegible]	1.2	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	8001-35-2	T	Toxaphene	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-TRICHLORO	T	Trichlorobiphenyl	10	[illegible]	10	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-62-2	T	Vanadium	1		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-66-6	T	Zinc	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	35822-46-9	T	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	[illegible]	[illegible]	[illegible]	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	67562-39-4	T	1,2,3,4,6,7,8-HpCDF	[illegible]	[illegible]	[illegible]	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	55673-89-7	T	1,2,3,4,7,8,9-HpCDF	[illegible]	[illegible]	[illegible]	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	39227-28-6	T	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	[illegible]	[illegible]	[illegible]	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	70648-26-9	T	1,2,3,4,7,8-HxCDF	[illegible]	[illegible]	[illegible]	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	57653-85-7	T	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	[illegible]	[illegible]	[illegible]	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	57117-44-9	T	1,2,3,6,7,8-HxCDF	[illegible]	[illegible]	[illegible]	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	19408-74-3	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	[illegible]	[illegible]	[illegible]	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	72918-21-9	T	1,2,3,7,8,9-HxCDF	[illegible]	[illegible]	[illegible]	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	57117-41-6	T	1,2,3,7,8-Pentachlorodibenzofuran	[illegible]	[illegible]	[illegible]	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	40321-76-4	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	[illegible]	[illegible]	[illegible]	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	120-82-1	T	1,2,4-Trichlorobenzene	[illegible]	[illegible]	[illegible]	[illegible]

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	95-50-1	T	1,2-Dichlorobenzene	990	U	990	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	541-73-1	T	1,3-Dichlorobenzene	990	U	990	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	106-46-7	T	1,4-Dichlorobenzene	990	U	990	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	990	U	990	ug/kg
R1AM1S	Clam-R1AM1S	02/06/03	Field Sample	8290	60851-34-5	T	2,3,4,6,7,8-HxCDF	0.29	U	0.29	pg/g
R1AM1S	Clam-R1AM1S	02/06/03	Field Sample	8290	57117-31-4	T	2,3,4,7,8-PeCDF	0.37	U	0.37	pg/g
R1AM1S	Clam-R1AM1S	02/06/03	Field Sample	8290	1746-01-6	T	2,3,7,8-TCDD	0.26	U	0.26	pg/g
R1AM1S	Clam-R1AM1S	02/06/03	Field Sample	8290	51207-31-9	T	2,3,7,8-Tetrachlorodibenzofuran	0.28	U	0.28	pg/g
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8151	93-76-5	T	2,4,5-T	8.3	U	8.3	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8151	93-72-1	T	2,4,5-TP (Silvex)	8.3	U	8.3	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	95-95-4	T	2,4,5-Trichlorophenol	990	U	990	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	88-06-2	T	2,4,6-Trichlorophenol	990	U	990	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8151	94-75-7	T	2,4-D	11	J	8.3	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8151	94-82-6	T	2,4-DB	8.3	U	8.3	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	120-83-2	T	2,4-Dichlorophenol	990	U	990	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	105-67-9	T	2,4-Dimethylphenol	990	U	990	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	51-28-5	T	2,4-Dinitrophenol	5100	U	5100	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	121-14-2	T	2,4-Dinitrotoluene	990	U	990	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	606-20-2	T	2,6-Dinitrotoluene	990	U	990	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	91-58-7	T	2-Chloronaphthalene	990	U	990	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	95-57-8	T	2-Chlorophenol	990	U	990	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	91-57-6	T	2-Methylnaphthalene	990	U	990	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	95-48-7	T	2-Methylphenol (o-Cresol)	990	U	990	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	88-74-4	T	2-Nitroaniline	5100	U	5100	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	88-75-5	T	2-Nitrophenol	990	U	990	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	91-94-1	T	3,3'-Dichlorobenzidine	2000	U	2000	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	106-44-5	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	990	U	990	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	99-09-2	T	3-Nitroaniline	5100	U	5100	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8081	72-54-8	T	4,4'-DDD	10	UJ	10	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8081	72-55-9	T	4,4'-DDE	6.9	J	10	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8081	50-29-3	T	4,4'-DDT	10	U	10	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	5100	U	5100	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	990	U	990	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	59-50-7	T	4-Chloro-3-methylphenol	990	U	990	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	990	U	990	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	100-02-7	T	4-Nitrophenol	5100	U	5100	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	83-32-9	T	Acenaphthene	990	U	990	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	208-96-8	T	Acenaphthylene	990	U	990	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8081	309-00-2	T	Aldrin	5	U	5	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8081	319-84-6	T	alpha-BHC	5	U	5	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8081	5103-71-9	T	alpha-Chlordane	5	U	5	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	6010	7429-90-5	T	Aluminum	60		20	mg/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	120-12-7	T	Anthracene	990	U	990	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	6010	7440-36-0	T	Antimony	1.7	U	1.7	mg/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	6010	7440-38-2	T	Arsenic	0.85	U	0.85	mg/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	6010	7440-39-3	T	Barium	110		0.91	mg/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	990	U	990	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	990	U	990	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	990	U	990	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	191-24-2	T	Benzo(g,h,i)perylene	990	U	990	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	990	U	990	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	990	U	990	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	6010	7440-41-7	T	Beryllium	0.34	U	0.34	mg/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8081	319-85-7	T	beta-BHC	5	U	5	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	990	U	990	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	990	U	990	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	990	U	990	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	6010	7440-43-9	T	Cadmium	0.43	U	0.43	mg/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	86-74-8	T	Carbazole	990	U	990	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	6010	7440-47-3	T	Chromium	0.85	U	0.85	mg/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	218-01-9	T	Chrysene	990	U	990	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	6010	7440-48-4	T	Cobalt	0.35		0.85	mg/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	6010	7440-50-8	T	Copper	5.2		0.01	mg/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8151	75-99-0	T	Dalapon	2000	U	2000	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	680	2051-24-3	T	Decachlorobiphenyl	50	U	50	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8081	319-86-8	T	delta-BHC	5	U	5	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	53-70-3	T	Dibenzo(a,h)anthracene	990	U	990	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	132-64-9	T	Dibenzofuran	990	U	990	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8151	1918-00-9	T	Dicamba	20	U	20	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	680	C-DICHLOROBI	T	Dichlorobiphenyl	10	U	10	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8151	120-36-5	T	Dichlorprop	3.7	J	100	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8081	60-57-1	T	Dieldrin	10	U	10	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	84-66-2	T	Diethyl Phthalate	990	U	990	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	990	U	990	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	84-74-2	T	Di-n-butylphthalate	990	U	990	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	117-84-0	T	Di-n-octylphthalate	990	U	990	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8270	88-85-7	T	Dinoseb	990	U	990	ug/kg
R1AM1S	Clam-R1AM1S	02/06/2003	Field Sample	8081	959-98-8	T	Endosulfan I	5	U	5	ug/kg

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Standard	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endosulfan II	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endosulfan Sulfate	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endrin	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endrin Aldehyde	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endrin Ketone	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Fluoranthene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Fluorene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	gamma-BHC (Lindane)	5	U	5	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	gamma-Chlordane	5	U	5	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Heptachlor	5	U	5	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Heptachlor Epoxide	5	U	5	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-HEPTACHLOR	T	Heptachlorodibenzofuran	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Hexachlorobenzene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-HEXACHLORO	T	Hexachlorodibenzofuran	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Hexachlorobutadiene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Hexachlorocyclopentadiene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Hexachloroethane	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Indeno(1,2,3-cd)pyrene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Iron	[illegible]	J	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Isophorone	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Lead	0.45	U	0.45	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Magnesium	[illegible]		[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Manganese	[illegible]		0.51	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	[illegible]		[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	MCPP	[illegible]	J	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Mercury	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Methoxychlor	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-MONOCHLORO	T	Monochlorodibenzofuran	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Naphthalene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Nickel	0.52		3.5	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Nitrobenzene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Nitrophenol	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Nitrophenol	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-NONACHLORO	T	Nonachlorodibenzofuran	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	OCDD	4.3	U	4.3	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	OCDF	0.65	U	0.65	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-OCTA-BENZ	T	Octachlorodibenzofuran	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	P-Chloroaniline	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-PENTA-BENZ	T	Pentachlorodibenzofuran	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Pentachlorophenol	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Pentachlorophenol	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Percent Lipids	5		1	%
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Phenanthrene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Phenol	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Picoline	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Propachlor	[illegible]	J	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Pyrene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Selenium	0.65	U	0.65	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Silver	0.65	U	0.65	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Sodium	[illegible]		[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-TETRACHLOR	T	Tetrachlorodibenzofuran	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Thallium	0.65	U	0.65	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HxCDD	0.45	U	0.45	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HxCDF	0.35	U	0.35	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HpCDD	0.52	U	0.52	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HpCDF	0.23	U	0.23	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total PeCDD	0.55	U	0.55	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total PeCDF	0.45	U	0.45	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total TCDD	0.35	U	0.35	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total TCDF	1.2	U	1.2	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Toxaphene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-TRICHLORO	T	Trichlorodibenzofuran	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Vanadium	0.65	U	0.65	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Zinc	4.5		0.65	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,6,7,8-HpCDD/Furan-P-Dioxin	0.35	U	0.35	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,6,7,8-HpCDF	0.35	U	0.35	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8,9-HpCDF	0.31	U	0.31	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8-HxCDD/Furan-P-Dioxin	0.33	U	0.33	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8-HxCDF	0.23	U	0.23	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,6,7,8-HxCDD/Furan-P-Dioxin	0.23	U	0.23	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,6,7,8-HxCDF	0.2	U	0.2	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8,9-HxCDD/Furan-P-Dioxin	0.27	U	0.27	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8,9-HxCDF	0.25	U	0.25	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8-PeCDD/Furan-Dioxin	0.22	U	0.22	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8-PeCDD/Furan-P-Dioxin	0.37	U	0.37	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,4-Trichlorobenzene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,3-Dichlorobenzene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,3-Dichlorobenzene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,4-Dichlorobenzene	[illegible]	U	[illegible]	ug/g

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8270	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	990	U	990	ug/kg
R1AU1S	Clam-R1AU1S	02/06/03	Field Sample	8290	60851-34-5	T	2,3,4,6,7,8-HxCDF	0.24	U	0.24	pg/g
R1AU1S	Clam-R1AU1S	02/06/03	Field Sample	8290	57117-31-4	T	2,3,4,7,8-PeCDF	0.21	U	0.21	pg/g
R1AU1S	Clam-R1AU1S	02/06/03	Field Sample	8290	1746-01-6	T	2,3,7,8-TCDD	0.16	U	0.16	pg/g
R1AU1S	Clam-R1AU1S	02/06/03	Field Sample	8290	51207-31-9	T	2,3,7,8-Tetrachlorodibenzofuran	0.15	U	0.15	pg/g
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8151	93-76-5	T	2,4,5-T	11	J	3	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8151	93-72-1	T	2,4,5-TP (Silvex)	25	U	25	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8270	95-95-4	T	2,4,5-Trichlorophenol	990	U	990	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8270	88-06-2	T	2,4,6-Trichlorophenol	990	U	990	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8151	94-75-7	T	2,4-D	25	U	25	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8151	94-82-6	T	2,4-DB	25	U	25	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8270	120-83-2	T	2,4-Dichlorophenol	990	U	990	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8270	105-67-9	T	2,4-Dimethylphenol	990	U	990	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8270	51-28-5	T	2,4-Dinitrophenol	5100	U	5100	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8270	121-14-2	T	2,4-Dinitrotoluene	990	U	990	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8270	606-20-2	T	2,6-Dinitrotoluene	990	U	990	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8270	91-58-7	T	2-Chloronaphthalene	990	U	990	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8270	95-57-8	T	2-Chlorophenol	990	U	990	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8270	91-57-6	T	2-Methylnaphthalene	990	U	990	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8270	95-48-7	T	2-Methylphenol (o-Cresol)	990	U	990	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8270	88-74-4	T	2-Nitroaniline	5100	U	5100	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8270	88-75-5	T	2-Nitrophenol	990	U	990	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8270	91-94-1	T	3,3'-Dichlorobenzidine	2000	U	2000	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8270	106-44-5	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	990	U	990	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8270	99-09-2	T	3-Nitroaniline	5100	U	5100	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8081	72-54-8	T	4,4'-DDD	10	U	10	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8081	72-55-9	T	4,4'-DDE	6.3	J	10	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8081	50-29-3	T	4,4'-DDT	10	U	10	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	5100	U	5100	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	990	U	990	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8270	59-50-7	T	4-Chloro-3-methylphenol	990	U	990	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	990	U	990	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8270	100-02-7	T	4-Nitrophenol	5100	U	5100	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8270	83-32-9	T	Acenaphthene	990	U	990	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8270	208-96-8	T	Acenaphthylene	990	U	990	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8081	309-00-2	T	Aldrin	5	U	5	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8081	319-84-6	T	alpha-BHC	5	U	5	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8081	5103-71-9	T	alpha-Chlordane	5	U	5	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	6010	7429-90-5	T	Aluminum	51		20	mg/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8270	120-12-7	T	Anthracene	990	U	990	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	6010	7440-36-0	T	Antimony	1.8	U	1.8	mg/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	6010	7440-38-2	T	Arsenic	0.94		0.85	mg/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	6010	7440-39-3	T	Barium	130		0.91	mg/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	990	U	990	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	990	U	990	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	990	U	990	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8270	191-24-2	T	Benzo(g,h,i)perylene	990	U	990	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	990	U	990	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	990	U	990	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	6010	7440-41-7	T	Beryllium	0.36	U	0.36	mg/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8081	319-85-7	T	beta-BHC	5	U	5	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	990	U	990	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	990	U	990	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	990	U	990	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	6010	7440-43-9	T	Cadmium	0.45	U	0.45	mg/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8270	86-74-8	T	Carbazole	990	U	990	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	6010	7440-47-3	T	Chromium	1.4		0.85	mg/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8270	218-01-9	T	Chrysene	990	U	990	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	6010	7440-48-4	T	Cobalt	0.75		0.85	mg/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	6010	7440-50-8	T	Copper	3.7		0.01	mg/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8151	75-99-0	T	Dalapon	6000	U	6000	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	680	2051-24-3	T	Decachlorobiphenyl	50	U	50	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8081	319-86-8	T	delta-BHC	5	U	5	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8270	53-70-3	T	Dibenzo(a,h)anthracene	990	U	990	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8270	132-64-9	T	Dibenzofuran	990	U	990	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8151	1918-00-9	T	Dicamba	60	U	60	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	680	C-DICHLORDBI	T	Dichlorobiphenyl	10	U	10	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8151	120-36-5	T	Dichlorprop	300	U	300	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8081	60-57-1	T	Dieldrin	10	U	10	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8270	84-66-2	T	Diethyl Phthalate	990	U	990	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	990	U	990	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8270	84-74-2	T	Di-n-butylphthalate	120	J	990	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8270	117-84-0	T	Di-n-octylphthalate	990	U	990	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8270	88-85-7	T	Dinoseb	990	U	990	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8081	959-98-8	T	Endosulfan I	5	U	5	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8081	33213-65-9	T	Endosulfan II	10	U	10	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8081	1031-07-8	T	Endosulfan Sulfate	10	U	10	ug/kg
R1AU1S	Clam-R1AU1S	02/06/2003	Field Sample	8081	72-20-8	T	Endrin	10	U	10	ug/kg

Appendix II-G

Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7421-93-4	T	Endrin Aldehyde	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	53494-70-5	T	Endrin Ketone	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	206-44-0	T	Fluoranthene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	86-73-7	T	Fluorene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	58-89-9	T	gamma-BHC (Lindane)	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	5103-74-2	T	gamma-Chlordane	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	76-44-8	T	Heptachlor	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	1024-57-3	T	Heptachlor Epoxide	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-HEPTACHLOR	T	Heptachlorobiphenyl	20	U	20	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	118-74-1	T	Hexachlorobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-HEXACHLORO	T	Hexachlorobiphenyl	20	U	20	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	87-68-3	T	Hexachlorobutadiene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	77-47-4	T	Hexachlorocyclopentadiene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	67-72-1	T	Hexachloroethane	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	193-39-5	T	Indeno(1,2,3-cd)pyrene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7439-89-6	T	Iron	[illegible]		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	78-59-1	T	Isophorone	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7439-92-1	T	Lead	0.45	U	0.45	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7439-95-4	T	Magnesium	[illegible]		47	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7439-96-5	T	Manganese	[illegible]		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	93-65-2	T	MCPP	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	7471	7439-97-6	T	Mercury	[illegible]		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	72-43-5	T	Methoxychlor	50	U	50	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-MONOCHLORO	T	Monochlorobiphenyl	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	91-20-3	T	Naphthalene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-02-0	T	Nickel	[illegible]		3.5	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	98-95-3	T	Nitrobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	621-64-7	T	N-Nitroso-di-n-propylamine	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	86-30-6	T	N-Nitrosodiphenylamine	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-NONACHLORO	T	Nonachlorobiphenyl	50	U	50	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	3268-87-9	T	OCDD	2.3	U	2.3	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	39001-02-0	T	OCDF	0.57	U	0.57	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-OCTA-BIPHE	T	Octachlorobiphenyl	30	U	30	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	106-47-8	T	P-Chloroaniline	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Pentachlorobiphenyl	20	U	20	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	87-86-5	T	Pentachlorophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	87-86-5	T	Pentachlorophenol	51	U	51	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Percent Lipids	3.7		1	%
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	85-01-8	T	Phenanthrene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	108-95-2	T	Phenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	100-01-6	T	P-Nitroaniline	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-09-7	T	Potassium	[illegible]		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	129-00-0	T	Pyrene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7782-49-2	T	Selenium	[illegible]	U	[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-22-4	T	Silver	[illegible]	U	[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-23-5	T	Sodium	[illegible]		42	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-TETRACHLOR	T	Tetrachlorobiphenyl	20	U	20	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-28-0	T	Thallium	[illegible]	U	[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	37871-00-4	T	Total HpCDD	0.35	U	0.35	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	38998-75-3	T	Total HpCDF	0.31	U	0.31	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	34465-46-8	T	Total HxCDD	0.38	U	0.38	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	55684-94-1	T	Total HxCDF	0.25	U	0.25	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	36088-22-9	T	Total PeCDD	0.37	U	0.37	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	30402-15-4	T	Total PeCDF	0.32	U	0.32	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	41903-57-5	T	Total TCDD	0.16	U	0.16	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	55722-27-5	T	Total TCDF	1.2	U	1.2	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	8001-35-2	T	Toxaphene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-TRICHLORO	T	Trichlorobiphenyl	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-62-2	T	Vanadium	[illegible]		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-66-6	T	Zinc	42		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	35822-46-9	T	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	0.51	U	0.51	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	67562-39-4	T	1,2,3,4,6,7,8-HpCDF	0.35	[illegible]	0.35	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	55673-89-7	T	1,2,3,4,7,8,9-HpCDF	0.16	[illegible]	0.16	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	39227-28-6	T	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.14	U	0.14	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	70648-26-9	T	1,2,3,4,7,8-HxCDF	[illegible]	U	[illegible]	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	57653-85-7	T	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	0.14	U	0.14	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	57117-44-9	T	1,2,3,6,7,8-HxCDF	[illegible]	[illegible]	[illegible]	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	19408-74-3	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.13	U	0.13	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	72918-21-9	T	1,2,3,7,8,9-HxCDF	[illegible]	U	[illegible]	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	57117-41-6	T	1,2,3,7,8-Pentachlorodibenzofuran	[illegible]	[illegible]	[illegible]	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	40321-76-4	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.18	[illegible]	0.18	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	120-82-1	T	1,2,4-Trichlorobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	95-50-1	T	1,2-Dichlorobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	541-73-1	T	1,3-Dichlorobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	106-46-7	T	1,4-Dichlorobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	108-60-1	T	2,2'-Oxybis(1-Chloropropane) [illegible]	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	60851-34-5	T	2,3,4,6,7,8-HxCDF	[illegible]	U	[illegible]	pg/g

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
RIBD1S	Clam-RIBD1S	02/06/03	Field Sample	8290	57117-31-4	T	2,3,4,7,8-PeCDF	0.075	UJ	0.075	ppb
RIBD1S	Clam-RIBD1S	02/06/03	Field Sample	8290	1746-01-6	T	2,3,7,8-TCDD	0.054	UJ	0.054	ppb
RIBD1S	Clam-RIBD1S	02/06/03	Field Sample	8290	51207-31-9	T	2,3,7,8-Tetrachlorodibenzofuran	0.1	UJ	0.1	ppb
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8151	93-76-5	T	2,4,5-T	8.3	U	8.3	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8151	93-72-1	T	2,4,5-TP (Silvex)	8.3	U	8.3	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	95-95-4	T	2,4,5-Trichlorophenol	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	88-06-2	T	2,4,6-Trichlorophenol	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8151	94-75-7	T	2,4-D	21		8.3	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8151	94-82-6	T	2,4-DB	8.3	U	8.3	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	120-83-2	T	2,4-Dichlorophenol	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	105-67-9	T	2,4-Dimethylphenol	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	51-28-5	T	2,4-Dinitrophenol	5100	U	5100	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	121-14-2	T	2,4-Dinitrotoluene	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	606-20-2	T	2,6-Dinitrotoluene	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	91-58-7	T	2-Chloronaphthalene	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	95-57-8	T	2-Chlorophenol	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	91-57-6	T	2-Methylnaphthalene	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	95-48-7	T	2-Methylphenol (o-Cresol)	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	88-74-4	T	2-Nitroaniline	5100	U	5100	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	88-75-5	T	2-Nitrophenol	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	91-94-1	T	3,3'-Dichlorobenzidine	2000	U	2000	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	108-44-5	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	99-09-2	T	3-Nitroaniline	5100	U	5100	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8081	72-54-8	T	4,4'-DDD	10	UJ	10	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8081	72-55-9	T	4,4'-DDE	14	J	10	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8081	50-29-3	T	4,4'-DDT	2.4	J	10	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	5100	U	5100	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	59-50-7	T	4-Chloro-3-methylphenol	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	100-02-7	T	4-Nitrophenol	5100	U	5100	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	83-32-9	T	Acenaphthene	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	208-96-8	T	Acenaphthylene	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8081	309-00-2	T	Aldrin	5	U	5	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8081	319-84-6	T	alpha-BHC	5	U	5	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8081	5103-71-9	T	alpha-Chlordane	5	U	5	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	6010	7429-90-5	T	Aluminum	35		20	mg/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	120-12-7	T	Anthracene	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	6010	7440-36-0	T	Antimony	1.8	U	1.8	mg/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	6010	7440-38-2	T	Arsenic	1.1		0.85	mg/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	6010	7440-39-3	T	Barium	120		0.91	mg/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	191-24-2	T	Benzo(g,h,i)perylene	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	6010	7440-41-7	T	Beryllium	0.37	U	0.37	mg/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8081	319-85-7	T	beta-BHC	5	U	5	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	6010	7440-43-9	T	Cadmium	0.46	U	0.46	mg/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	86-74-8	T	Carbazole	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	6010	7440-47-3	T	Chromium	4.5		0.85	mg/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	218-01-9	T	Chrysene	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	6010	7440-48-4	T	Cobalt	0.47		0.85	mg/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	6010	7440-50-8	T	Copper	6.6		0.01	mg/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8151	75-99-0	T	Dalapon	2000	U	2000	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	680	2051-24-3	T	Decachlorobiphenyl	50	U	50	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8081	319-86-8	T	delta-BHC	5	U	5	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	53-70-3	T	Dibenz(a,h)anthracene	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	132-64-9	T	Dibenzofuran	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8151	1918-00-9	T	Dicamba	20	U	20	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	680	C-DICHLOROBI	T	Dichlorobiphenyl	10	U	10	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8151	120-36-5	T	Dichlorprop	100	U	100	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8081	60-57-1	T	Dieldrin	10	U	10	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	84-66-2	T	Diethyl Phthalate	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	84-74-2	T	Di-n-butylphthalate	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	117-84-0	T	Di-n-octylphthalate	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	88-85-7	T	Dinoseb	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8081	959-98-8	T	Endosulfan I	5	U	5	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8081	33213-65-9	T	Endosulfan II	10	U	10	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8081	1031-07-8	T	Endosulfan Sulfate	10	U	10	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8081	72-20-8	T	Endrin	10	U	10	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8081	7421-93-4	T	Endrin Aldehyde	10	U	10	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8081	53494-70-5	T	Endrin Ketone	10	U	10	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	206-44-0	T	Fluoranthene	990	U	990	ug/kg

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Fluorene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	gamma-BHC (Lindane)	5	U	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	gamma-Chlordane	5	U	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Heptachlor	5	U	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Heptachlor Epoxide	5	U	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-HEPTACHLOR	T	Heptachlorobiphenyl	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Hexachlorobenzene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-HEXACHLORO	T	Hexachlorobiphenyl	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Hexachlorobutadiene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Hexachlorocyclopentadiene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Hexachloroethane	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Indeno(1,2,3-cd)pyrene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Iron	[illegible]	J	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Isophorone	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Lead	0.45	U	0.45	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Magnesium	[illegible]		47	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Manganese	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	MCPP	[illegible]	J	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Mercury	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Methoxychlor	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-MONOCHLORO	T	Monochlorobiphenyl	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Naphthalene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Nickel	[illegible]		3.5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Nitrobenzene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	N-Nitroso-di-n-propylamine	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	N-Nitrosodiphenylamine	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-NONACHLORO	T	Nonachlorobiphenyl	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	OCDD	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	OCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-OCTA-BIPHE	T	Octachlorobiphenyl	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	P-Chloroaniline	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-PENTABIPHEN	T	Pentachlorobiphenyl	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Pentachlorobenzene	17	U	17	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Pentachlorophenol	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Percent Lipids	[illegible]		1	%
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Phenanthrene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Phenol	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	P-Nitroaniline	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Potassium	[illegible]	J	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Pyrene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Selenium	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Silver	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Sodium	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-TETRACHLOR	T	Tetrachlorobiphenyl	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Thallium	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HpCDD	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HpCDF	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HxCDD	0.14	U	0.14	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HxCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total PeCDD	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total PeCDF	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total TCDD	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total TCDF	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Toxaphene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-TRICHLORO	T	Trichlorobiphenyl	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Vanadium	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Zinc	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,6,7,8-HpCDF	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8,9-HpCDF	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8-HxCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,6,7,8-HxCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8,9-HxCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8-Pentachlorodibenzofuran	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,4-Trichlorobenzene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2-Dichlorobenzene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,3-Dichlorobenzene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,4-Dichlorobenzene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,4,6,7,8-HxCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,4,7,8-PeCDF	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,7,8-TCDD	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,7,8-Tetrachlorodibenzofuran	0.11	UJ	0.11	[illegible]

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8151	93-76-5	T	2,4,5-T	8.3	U	8.3	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8151	93-72-1	T	2,4,5-TP (Silvex)	8.3	U	8.3	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8270	95-95-4	T	2,4,5-Trichlorophenol	990	U	990	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8270	88-06-2	T	2,4,6-Trichlorophenol	990	U	990	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8151	94-75-7	T	2,4-D	8.3	U	8.3	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8151	94-82-6	T	2,4-DB	8.3	U	8.3	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8270	120-83-2	T	2,4-Dichlorophenol	990	U	990	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8270	105-67-9	T	2,4-Dimethylphenol	990	U	990	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8270	51-28-5	T	2,4-Dinitrophenol	5100	U	5100	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8270	121-14-2	T	2,4-Dinitrotoluene	990	U	990	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8270	606-20-2	T	2,6-Dinitrotoluene	990	U	990	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8270	91-58-7	T	2-Chloronaphthalene	990	U	990	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8270	95-57-8	T	2-Chlorophenol	990	U	990	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8270	91-57-6	T	2-Methylnaphthalene	990	U	990	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8270	95-48-7	T	2-Methylphenol (o-Cresol)	990	U	990	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8270	88-74-4	T	2-Nitroaniline	5100	U	5100	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8270	88-75-5	T	2-Nitrophenol	990	U	990	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8270	91-94-1	T	3,3'-Dichlorobenzidine	2000	U	2000	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8270	108-44-5	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	990	U	990	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8270	99-09-2	T	3-Nitroaniline	5100	U	5100	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8081	72-54-8	T	4,4'-DDD	10	UJ	10	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8081	72-55-9	T	4,4'-DDE	12		10	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8081	50-29-3	T	4,4'-DDT	10	U	10	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	5100	U	5100	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	990	U	990	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8270	59-50-7	T	4-Chloro-3-methylphenol	990	U	990	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	990	U	990	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8270	100-02-7	T	4-Nitrophenol	5100	U	5100	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8270	83-32-9	T	Acenaphthene	990	U	990	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8270	208-96-8	T	Acenaphthylene	990	U	990	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8081	309-00-2	T	Aldrin	5	U	5	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8081	319-84-6	T	alpha-BHC	5	U	5	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8081	5103-71-9	T	alpha-Chlordane	5	U	5	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	6010	7429-90-5	T	Aluminum	20	J	20	mg/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8270	120-12-7	T	Anthracene	990	U	990	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	6010	7440-36-0	T	Antimony	1.9	U	1.9	mg/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	6010	7440-38-2	T	Arsenic	0.78		0.85	mg/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	6010	7440-39-3	T	Barium	130		0.91	mg/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	990	U	990	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	990	U	990	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	990	U	990	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8270	191-24-2	T	Benzo(g,h,i)perylene	990	U	990	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	990	U	990	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	990	U	990	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	6010	7440-41-7	T	Beryllium	0.38	U	0.38	mg/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8081	319-85-7	T	beta-BHC	5	U	5	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	990	U	990	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	990	U	990	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	990	U	990	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	6010	7440-43-9	T	Cadmium	0.48	U	0.48	mg/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8270	86-74-8	T	Carbazole	990	U	990	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	6010	7440-47-3	T	Chromium	0.96	U	0.96	mg/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8270	218-01-9	T	Chrysene	990	U	990	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	6010	7440-48-4	T	Cobalt	0.35		0.85	mg/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	6010	7440-50-8	T	Copper	3.6		0.01	mg/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8151	75-99-0	T	Dalapon	2000	U	2000	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	990	2051-24-3	T	Decachlorobiphenyl	50	U	50	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8081	319-86-8	T	delta-BHC	5	U	5	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8270	53-70-3	T	Dibenzo(a,h)anthracene	990	U	990	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8270	132-64-9	T	Dibenzofuran	990	U	990	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8151	1918-00-9	T	Dicamba	20	U	20	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	990	C-DICHLOROBI	T	Dichlorobiphenyl	10	U	10	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8151	120-36-5	T	Dichloprop	100	U	100	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8081	60-57-1	T	Dieldrin	10	U	10	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8270	84-66-2	T	Diethyl Phthalate	990	U	990	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	990	U	990	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8270	84-74-2	T	Di-n-butylphthalate	990	U	990	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8270	117-84-0	T	Di-n-octylphthalate	990	U	990	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8270	88-85-7	T	Dinoseb	990	U	990	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8081	959-98-8	T	Endosulfan I	5	U	5	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8081	33213-65-9	T	Endosulfan II	10	U	10	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8081	1031-07-8	T	Endosulfan Sulfate	10	U	10	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8081	72-20-8	T	Endrin	10	U	10	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8081	7421-93-4	T	Endrin Aldehyde	10	U	10	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8081	53494-70-5	T	Endrin Ketone	10	U	10	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8270	206-44-0	T	Fluoranthene	990	U	990	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8270	86-73-7	T	Fluorene	990	U	990	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8081	58-89-9	T	gamma-BHC (Lindane)	5	U	5	ug/kg
R1BM1S	Clam-R1BM1S	02/06/2003	Field Sample	8081	5103-74-2	T	gamma-Chlordane	5	U	5	ug/kg

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	76-44-8	T	Heptachlor	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	1024-57-3	T	Heptachlor Epoxide	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-HEPTACHLOR	T	Heptachlorobiphenyl	20	U	20	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	118-74-1	T	Hexachlorobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-HEXACHLORO	T	Hexachlorobiphenyl	20	U	20	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	87-68-3	T	Hexachlorobutadiene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	77-47-4	T	Hexachlorocyclopentadiene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	67-72-1	T	Hexachloroethane	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	193-39-5	T	Indeno(1,2,3-cd)pyrene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7439-89-6	T	Iron	170	J	0.65	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	78-59-1	T	Isophorone	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7439-92-1	T	Lead	0.40	U	0.40	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7439-95-4	T	Magnesium	51		47	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7439-96-5	T	Manganese	3.0		0.91	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	93-65-2	T	MCPP	4800		[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	7471	7439-97-6	T	Mercury	0.017	U	0.017	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	72-43-5	T	Methoxychlor	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-MONOCHLORO	T	Monochlorobiphenyl	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	91-20-3	T	Naphthalene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-02-0	T	Nickel	0.5		3.5	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	98-95-3	T	Nitrobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	621-64-7	T	N-Nitroso-di-n-propylamine	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	86-30-6	T	N-Nitrosodiphenylamine	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-NONACHLORO	T	Nonachlorobiphenyl	20	U	20	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	3268-87-9	T	OCDD	2.3	U	2.3	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	39001-02-0	T	OCDF	0.3	U	0.3	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-OCTA-BIPHE	T	Octachlorobiphenyl	20	U	20	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	106-47-8	T	P-Chloroaniline	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-PENTAPHEN	T	Pentachlorobiphenyl	20	U	20	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	87-86-5	T	Pentachlorophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	87-86-5	T	Pentachlorophenol	17	U	17	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	CHF	T	Percent Lipids	36		1	%
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	85-01-8	T	Phenanthrene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	108-95-2	T	Phenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	100-01-6	T	P-Nitroaniline	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-09-7	T	Potassium	25	J	94	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	129-00-0	T	Pyrene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7782-49-2	T	Selenium	0.55	U	0.55	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-22-4	T	Silver	0.05	U	0.05	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-23-5	T	Sodium	2200		45	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-TETRACHLOR	T	Tetrachlorobiphenyl	20	U	20	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-28-0	T	Thallium	0.55	U	0.55	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	37871-00-4	T	Total HpCDD	0.35	U	0.35	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	38998-75-3	T	Total HpCDF	0.12	UJ	0.12	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	34465-46-8	T	Total HxCDD	0.082	U	0.082	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	55684-94-1	T	Total HxCDF	0.089	U	0.089	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	36088-22-9	T	Total PeCDD	0.18	UJ	0.18	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	30402-15-4	T	Total PeCDF	0.070	UJ	0.070	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	41903-57-5	T	Total TCDD	0.044	UJ	0.044	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	55722-27-5	T	Total TCDF	0.12	UJ	0.12	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	8001-35-2	T	Toxaphene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-TRICHLOROB	T	Trichlorobiphenyl	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-62-2	T	Vanadium	0.55	U	0.55	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-66-6	T	Zinc	23		0.60	mg/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	35822-46-9	T	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	0.2	U	0.2	pg/g
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	67562-39-4	T	1,2,3,4,6,7,8-HpCDF	0.2	U	0.2	pg/g
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	55673-89-7	T	1,2,3,4,7,8,9-HpCDF	0.25	U	0.25	pg/g
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	39227-28-6	T	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.24	U	0.24	pg/g
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	70648-26-9	T	1,2,3,4,7,8-HxCDF	0.14	U	0.14	pg/g
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	57653-85-7	T	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	0.22	U	0.22	pg/g
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	57117-44-9	T	1,2,3,6,7,8-HxCDF	0.13	U	0.13	pg/g
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	19408-74-3	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.2	U	0.2	pg/g
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	72918-21-9	T	1,2,3,7,8,9-HxCDF	0.16	U	0.16	pg/g
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	57117-41-6	T	1,2,3,7,8-Pentachlorodibenzofuran	0.15	U	0.15	pg/g
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	40321-76-4	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.22	U	0.22	pg/g
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	120-82-1	T	1,2,4-Trichlorobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	95-50-1	T	1,2-Dichlorobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	541-73-1	T	1,3-Dichlorobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	106-46-7	T	1,4-Dichlorobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	60851-34-5	T	2,3,4,6,7,8-HxCDF	0.15	U	0.15	pg/g
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	57117-31-4	T	2,3,4,7,8-PeCDF	0.14	U	0.14	pg/g
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	1746-01-6	T	2,3,7,8-TCDD	0.12	U	0.12	pg/g
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	51207-31-9	T	2,3,7,8-Tetrachlorodibenzofuran	0.12	U	0.12	pg/g
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	93-76-5	T	2,4,5-T	25	U	25	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	93-72-1	T	2,4,5-TP (Silvex)	25	U	25	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	95-95-4	T	2,4,5-Trichlorophenol	[illegible]	U	[illegible]	ug/kg

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8270	88-06-2	T	2,4,6-Trichlorophenol	990	U	990	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8151	94-75-7	T	2,4-D	8.6	J	8.3	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8151	94-82-6	T	2,4-DB	3.9	J	8.3	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8270	120-83-2	T	2,4-Dichlorophenol	990	U	990	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8270	105-67-9	T	2,4-Dimethylphenol	990	U	990	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8270	51-28-5	T	2,4-Dinitrophenol	5100	U	5100	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8270	121-14-2	T	2,4-Dinitrotoluene	990	U	990	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8270	606-20-2	T	2,6-Dinitrotoluene	990	U	990	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8270	91-58-7	T	2-Chloronaphthalene	990	U	990	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8270	95-57-8	T	2-Chlorophenol	990	U	990	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8270	91-57-6	T	2-Methylnaphthalene	990	U	990	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8270	95-48-7	T	2-Methylphenol (o-Cresol)	990	U	990	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8270	88-74-4	T	2-Nitroaniline	5100	U	5100	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8270	88-75-5	T	2-Nitrophenol	990	U	990	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8270	91-94-1	T	3,3'-Dichlorobenzidine	2000	U	2000	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8270	108-44-5	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	990	U	990	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8270	99-09-2	T	3-Nitroaniline	5100	U	5100	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8081	72-54-8	T	4,4'-DDD	10	U	10	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8081	72-55-9	T	4,4'-DDE	9.1	J	10	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8081	50-29-3	T	4,4'-DDT	10	U	10	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	5100	U	5100	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	990	U	990	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8270	59-50-7	T	4-Chloro-3-methylphenol	990	U	990	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	990	U	990	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8270	100-02-7	T	4-Nitrophenol	5100	U	5100	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8270	83-32-9	T	Acenaphthene	990	U	990	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8270	208-96-8	T	Acenaphthylene	990	U	990	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8081	309-00-2	T	Aldrin	5	U	5	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8081	319-84-6	T	alpha-BHC	5	U	5	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8081	5103-71-9	T	alpha-Chlordane	5	U	5	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	6010	7429-90-5	T	Aluminum	40		20	mg/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8270	120-12-7	T	Anthracene	990	U	990	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	6010	7440-36-0	T	Antimony	1.7	U	1.7	mg/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	6010	7440-38-2	T	Arsenic	1.2		0.85	mg/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	6010	7440-39-3	T	Barium	92		0.91	mg/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8270	56-55-3	T	Benzo(a)anthracene	990	U	990	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8270	50-32-8	T	Benzo(a)pyrene	990	U	990	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8270	205-99-2	T	Benzo(b)fluoranthene	990	U	990	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8270	191-24-2	T	Benzo(g,h,i)perylene	990	U	990	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8270	207-08-9	T	Benzo(k)fluoranthene	990	U	990	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8270	85-68-7	T	Benzyl Butyl Phthalate	990	U	990	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	6010	7440-41-7	T	Beryllium	0.35	U	0.35	mg/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8081	319-85-7	T	beta-BHC	5	U	5	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8270	111-91-1	T	bis(2-Chloroethoxy)methane	990	U	990	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8270	111-44-4	T	bis(2-Chloroethyl)ether	990	U	990	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	990	U	990	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	6010	7440-43-9	T	Cadmium	0.43	U	0.43	mg/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8270	86-74-8	T	Carbazole	990	U	990	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	6010	7440-47-3	T	Chromium	5		0.85	mg/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8270	218-01-9	T	Chrysene	990	U	990	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	6010	7440-48-4	T	Cobalt	0.47		0.85	mg/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	6010	7440-50-8	T	Copper	4.2		0.01	mg/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8151	75-99-0	T	Dalapon	6000	U	6000	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	680	2051-24-3	T	Decachlorobiphenyl	50	U	50	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8081	319-86-8	T	delta-BHC	5	U	5	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8270	53-70-3	T	Dibenz(a,h)anthracene	990	U	990	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8270	132-64-9	T	Dibenzofuran	990	U	990	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8151	1918-00-9	T	Dicamba	60	U	60	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	680	C-DICHLOROBI	T	Dichlorobiphenyl	10	U	10	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8151	120-36-5	T	Dichloprop	4.2	J	100	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8081	60-57-1	T	Dieldrin	10	U	10	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8270	84-66-2	T	Diethyl Phthalate	990	U	990	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8270	131-11-3	T	Dimethyl Phthalate	990	U	990	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8270	84-74-2	T	Di-n-butylphthalate	990	U	990	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8270	117-84-0	T	Di-n-octylphthalate	990	U	990	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8270	88-85-7	T	Dinoseb	990	U	990	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8081	959-98-8	T	Endosulfan I	5	U	5	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8081	33213-65-9	T	Endosulfan II	10	U	10	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8081	1031-07-8	T	Endosulfan Sulfate	10	U	10	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8081	72-20-8	T	Endrin	10	U	10	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8081	7421-93-4	T	Endrin Aldehyde	10	U	10	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8081	53494-70-5	T	Endrin Ketone	10	U	10	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8270	206-44-0	T	Fluoranthene	990	U	990	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8270	86-73-7	T	Fluorene	990	U	990	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8081	58-89-9	T	gamma-BHC (Lindane)	5	U	5	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8081	5103-74-2	T	gamma-Chlordane	5	U	5	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8081	76-44-8	T	Heptachlor	5	U	5	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	8081	1024-57-3	T	Heptachlor Epoxide	5	U	5	ug/kg
R1BM2S	Clam-R1BM2S	02/06/2003	Field Duplicate	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	30	U	30	ug/kg

Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	118-74-1	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	C-HEXACHLORO	T	[illegible]	20	U	20	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	87-68-3	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77-47-4	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67-72-1	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	193-39-5	T	Indeno(1,2,3-cd)pyrene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7439-89-6	T	Iron	20		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	78-59-1	T	Isophorone	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7439-92-1	T	Lead	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7439-95-4	T	Magnesium	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7439-96-5	T	Manganese	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93-65-2	T	MCPP	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	7471	7439-97-6	T	Mercury	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72-43-5	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	C-MONOCHLORO	T	[illegible]	10	U	10	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91-20-3	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7440-02-0	T	Nickel	[illegible]		3.5	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	98-95-3	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	621-64-7	T	N-Nitroso-di-n-propylamine	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	86-30-6	T	N-Nitrosodiphenylamine	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	C-NONACHLORO	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3268-87-9	T	OCDD	1.9	U	1.9	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	39001-02-0	T	OCDF	0.22	U	0.22	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	C-OCTA-BPHE	T	[illegible]	20	U	20	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	106-47-8	T	P-Chloroaniline	2000	U	2000	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	20	U	20	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	87-86-5	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	87-86-5	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Percent Lipids	5.4		1	%
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	85-01-8	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	108-95-2	T	Phenol	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100-01-6	T	P-Nitroaniline	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7440-09-7	T	Potassium	110		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	129-00-0	T	Pyrene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7782-49-2	T	Selenium	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7440-22-4	T	Silver	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7440-23-5	T	Sodium	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	C-TETRACHLOR	T	[illegible]	20	U	20	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7440-28-0	T	Thallium	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	37871-00-4	T	Total HpCDD	[illegible]	U	[illegible]	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	38998-75-3	T	Total HpCDF	0.25	U	0.25	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	34465-46-8	T	Total HxCDD	[illegible]	U	[illegible]	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	55684-94-1	T	Total HxCDF	0.15	U	0.15	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	36088-22-9	T	Total PeCDD	0.42	U	0.42	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	30402-15-4	T	Total PeCDF	[illegible]	U	[illegible]	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	41903-57-5	T	Total TCDD	0.12	U	0.12	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	55722-27-5	T	Total TCDF	1.6	U	1.6	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	8001-35-2	T	Toxaphene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	C-TRICHLOROB	T	[illegible]	10	U	10	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7440-62-2	T	Vanadium	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7440-66-6	T	Zinc	4.2		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	35822-46-9	T	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	[illegible]	U	[illegible]	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67562-39-4	T	1,2,3,4,6,7,8-HpCDF	0.17	U	0.17	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	55673-89-7	T	1,2,3,4,7,8,9-HpCDF	0.22	U	0.22	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	39227-28-6	T	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.21	U	0.21	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	70648-26-9	T	1,2,3,4,7,8-HxCDF	0.15	U	0.15	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	57653-85-7	T	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	[illegible]	U	[illegible]	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	57117-44-9	T	1,2,3,6,7,8-HxCDF	[illegible]	U	[illegible]	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	19408-74-3	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	[illegible]	U	[illegible]	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72918-21-9	T	1,2,3,7,8,9-HxCDF	0.17	U	0.17	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	57117-41-6	T	1,2,3,7,8-Pentachlorodibenzofuran	0.14	U	0.14	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	40321-76-4	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.2	U	0.2	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	120-82-1	T	1,2,4-Trichlorobenzene	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	95-50-1	T	1,2-Dichlorobenzene	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	541-73-1	T	1,3-Dichlorobenzene	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	106-46-7	T	1,4-Dichlorobenzene	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60851-34-5	T	2,3,4,6,7,8-HxCDF	0.15	U	0.15	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	57117-31-4	T	2,3,4,7,8-PeCDF	[illegible]	U	[illegible]	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1746-01-6	T	2,3,7,8-TCDD	0.1	U	0.1	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	51207-31-9	T	2,3,7,8-Tetrachlorodibenzofuran	[illegible]	U	[illegible]	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93-76-5	T	2,4,5-T	25	U	25	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93-72-1	T	2,4,5-TP (Silvex)	25	U	25	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	95-95-4	T	2,4,5-Trichlorophenol	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	88-06-2	T	2,4,6-Trichlorophenol	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94-75-7	T	2,4-D	12	J	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94-82-6	T	2,4-DB	5.4	J	[illegible]	[illegible]

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8270	120-83-2	T	2,4-Dichlorophenol	990	UJ	990	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8270	105-67-9	T	2,4-Dimethylphenol	990	UJ	990	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8270	51-28-5	T	2,4-Dinitrophenol	5100	UJ	5100	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8270	121-14-2	T	2,4-Dinitrotoluene	990	UJ	990	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8270	606-20-2	T	2,6-Dinitrotoluene	990	UJ	990	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8270	91-58-7	T	2-Chloronaphthalene	990	UJ	990	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8270	95-57-8	T	2-Chlorophenol	990	UJ	990	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8270	91-57-6	T	2-Methylnaphthalene	990	UJ	990	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8270	95-48-7	T	2-Methylphenol (o-Cresol)	990	UJ	990	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8270	88-74-4	T	2-Nitroaniline	5100	UJ	5100	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8270	88-75-5	T	2-Nitrophenol	990	UJ	990	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8270	91-94-1	T	3,3'-Dichlorobenzidine	2000	UJ	2000	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8270	106-44-5	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	990	UJ	990	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8270	99-09-2	T	3-Nitroaniline	5100	UJ	5100	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8081	72-54-8	T	4,4'-DDD	10	U	10	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8081	72-55-9	T	4,4'-DDE	9.2	J	10	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8081	50-29-3	T	4,4'-DDT	10	U	10	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	5100	UJ	5100	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	990	UJ	990	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8270	59-50-7	T	4-Chloro-3-methylphenol	990	UJ	990	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	990	UJ	990	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8270	100-02-7	T	4-Nitrophenol	5100	UJ	5100	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8270	83-32-9	T	Acenaphthene	990	UJ	990	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8270	208-96-8	T	Acenaphthylene	990	UJ	990	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8081	309-00-2	T	Aldrin	5	U	5	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8081	319-84-6	T	alpha-BHC	5	U	5	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8081	5103-71-9	T	alpha-Chlordane	5	U	5	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	6010	7429-90-5	T	Aluminum	62		20	mg/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8270	120-12-7	T	Anthracene	990	UJ	990	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	6010	7440-36-0	T	Antimony	1.9	U	1.9	mg/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	6010	7440-38-2	T	Arsenic	2.2		0.85	mg/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	6010	7440-39-3	T	Barium	130		0.91	mg/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	990	UJ	990	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	990	UJ	990	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	990	UJ	990	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8270	191-24-2	T	Benzo(g,h,i)perylene	990	UJ	990	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	990	UJ	990	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	990	UJ	990	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	6010	7440-41-7	T	Beryllium	0.39	U	0.39	mg/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8081	319-85-7	T	beta-BHC	5	U	5	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	990	UJ	990	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	990	UJ	990	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	990	UJ	990	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	6010	7440-43-9	T	Cadmium	0.49	U	0.49	mg/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8270	86-74-8	T	Carbazole	990	UJ	990	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	6010	7440-47-3	T	Chromium	0.97	U	0.97	mg/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8270	218-01-9	T	Chrysene	990	UJ	990	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	6010	7440-48-4	T	Cobalt	1		0.85	mg/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	6010	7440-50-8	T	Copper	8		0.01	mg/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8151	75-99-0	T	Dalapon	6000	U	6000	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	680	2051-24-3	T	Decachlorobiphenyl	50	U	50	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8081	319-86-8	T	delta-BHC	5	U	5	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8270	53-70-3	T	Dibenzo(a,h)anthracene	990	UJ	990	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8270	132-64-9	T	Dibenzofuran	990	UJ	990	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8151	1918-00-9	T	Dicamba	60	U	60	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	680	C-DICHLOROBI	T	Dichlorobiphenyl	10	U	10	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8151	120-36-5	T	Dichlorprop	300	U	300	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8081	60-57-1	T	Dieldrin	10	U	10	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8270	84-66-2	T	Diethyl Phthalate	990	UJ	990	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	990	UJ	990	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8270	84-74-2	T	Di-n-butylphthalate	990	UJ	990	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8270	117-84-0	T	Di-n-octylphthalate	990	UJ	990	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8270	85-85-7	T	Dinoseb	990	UJ	990	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8081	959-98-8	T	Endosulfan I	5	U	5	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8081	33213-65-9	T	Endosulfan II	10	U	10	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8081	1031-07-8	T	Endosulfan Sulfate	10	U	10	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8081	72-20-8	T	Endrin	10	U	10	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8081	7421-93-4	T	Endrin Aldehyde	10	U	10	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8081	53494-70-5	T	Endrin Ketone	10	U	10	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8270	206-44-0	T	Fluoranthene	990	UJ	990	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8270	86-73-7	T	Fluorene	990	UJ	990	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8081	58-89-9	T	gamma-BHC (Lindane)	5	U	5	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8081	5103-74-2	T	gamma-Chlordane	5	U	5	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8081	76-44-8	T	Heptachlor	5	U	5	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8081	1024-57-3	T	Heptachlor Epoxide	5	U	5	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	30	U	30	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8270	118-74-1	T	Hexachlorobenzene	990	UJ	990	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	680	C-HEXACHLORO	T	Hexachlorobiphenyl	20	U	20	ug/kg
R1BU1S	Clam-R1BU1S	02/06/2003	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	990	UJ	990	ug/kg

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Iron	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Lead	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Magnesium	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Manganese	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	MCPP	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Mercury	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-MONOCHLORO	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	[illegible]	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-MONOCHLORO	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	OCDD	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	OCDF	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-OCTA-BENZ	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	P-Chloroaniline	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-PENTA-PHEN	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Percent Lipids	[illegible]		[illegible]	%
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Phenol	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	P-Nitroaniline	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Potassium	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Pyrene	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Selenium	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Silver	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Sodium	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-TETRACHLORO	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Thallium	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HpCDD	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HpCDF	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HxCDD	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HxCDF	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total PeCDD	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total PeCDF	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total TCDD	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total TCDF	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Toxaphene	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-TRICHLORO	T	[illegible]	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Vanadium	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Zinc	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,6,7,8-HpCDF	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8,9-HpCDF	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8-HxCDF	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,6,7,8-HxCDF	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8,9-HxCDF	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8-Pentachlorodibenzofuran	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,4-Trichlorobenzene	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,3-Dichlorobenzene	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,3-Dichlorobenzene	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,4-Dichlorobenzene	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,4,6,7,8-HxCDF	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,4,7,8-PeCDF	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,7,8-TCDD	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,7,8-Tetrachlorodibenzofuran	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,5-T	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,5-TP (Silvex)	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,6-Trichlorophenol	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,6-Trichlorophenol	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-D	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-DB	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dichlorophenol	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dimethylphenol	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dinitrophenol	[illegible]	[illegible]	[illegible]	[illegible]

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	121-14-2	T	2,4-Dinitrotoluene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	606-20-2	T	2,6-Dinitrotoluene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	91-58-7	T	2-Chloronaphthalene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	95-57-8	T	2-Chlorophenol	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	91-57-6	T	2-Methylnaphthalene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	95-48-7	T	2-Methylphenol (o-Cresol)	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	88-74-4	T	2-Nitroaniline	5100	U	5100	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	88-75-5	T	2-Nitrophenol	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	91-94-1	T	3,3'-Dichlorobenzidine	2000	U	2000	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	105-44-5	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	99-09-2	T	3-Nitroaniline	5100	U	5100	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8081	72-54-8	T	4,4'-DDD	10	U	10	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8081	72-55-9	T	4,4'-DDE	9.6	J	10	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8081	50-29-3	T	4,4'-DDT	10	U	10	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	5100	U	5100	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	59-50-7	T	4-Chloro-3-methylphenol	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	100-02-7	T	4-Nitrophenol	5100	U	5100	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	83-32-9	T	Acenaphthene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	208-96-8	T	Acenaphthylene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8081	309-00-2	T	Aldrin	5	U	5	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8081	319-84-6	T	alpha-BHC	5	U	5	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8081	5103-71-9	T	alpha-Chlordane	5	U	5	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	6010	7429-90-5	T	Aluminum	37		20	mg/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	120-12-7	T	Anthracene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	6010	7440-36-0	T	Antimony	1.9	U	1.9	mg/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	6010	7440-38-2	T	Arsenic	0.83		0.85	mg/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	6010	7440-39-3	T	Barium	110		0.91	mg/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	191-24-2	T	Benzo(g,h,i)perylene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	6010	7440-41-7	T	Beryllium	0.38	U	0.38	mg/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8081	319-85-7	T	beta-BHC	5	U	5	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	6010	7440-43-9	T	Cadmium	0.47	U	0.47	mg/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	86-74-8	T	Carbazole	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	6010	7440-47-3	T	Chromium	1.8		0.85	mg/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	218-01-9	T	Chrysene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	6010	7440-48-4	T	Cobalt	0.5		0.85	mg/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	6010	7440-50-8	T	Copper	4.2		0.01	mg/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8151	75-99-0	T	Dalapon	6000	U	6000	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	680	2051-24-3	T	Decachlorobiphenyl	50	U	50	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8081	319-86-8	T	delta-BHC	5	U	5	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	53-70-3	T	Dibenzo(a,h)anthracene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	132-64-9	T	Dibenzofuran	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8151	1918-00-9	T	Dicamba	60	U	60	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	680	C-DICHLOROBI	T	Dichlorobiphenyl	10	U	10	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8151	120-36-5	T	Dichloprop	4.9	J	100	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8081	60-57-1	T	Dieldrin	10	U	10	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	84-66-2	T	Diethyl Phthalate	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	84-74-2	T	Di-n-butylphthalate	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	117-84-0	T	Di-n-octylphthalate	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	88-85-7	T	Dinoseb	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8081	959-98-8	T	Endosulfan I	5	U	5	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8081	33213-65-9	T	Endosulfan II	10	U	10	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8081	1031-07-8	T	Endosulfan Sulfate	10	U	10	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8081	72-20-8	T	Endrin	10	U	10	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8081	7421-93-4	T	Endrin Aldehyde	10	U	10	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8081	53494-70-5	T	Endrin Ketone	10	U	10	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	206-44-0	T	Fluoranthene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	86-73-7	T	Fluorene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8081	58-89-9	T	gamma-BHC (Lindane)	5	U	5	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8081	5103-74-2	T	gamma-Chlordane	5	U	5	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8081	76-44-8	T	Heptachlor	5	U	5	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8081	1024-57-3	T	Heptachlor Epoxide	5	U	5	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	30	U	30	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	118-74-1	T	Hexachlorobenzene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	680	C-HEXACHLORO	T	Hexachlorobiphenyl	20	U	20	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	67-72-1	T	Hexachloroethane	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	990	U	990	ug/kg

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Test or Standard	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Iron	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Isophorone	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Lead	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Magnesium	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Manganese	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	MCPA (4-Methyl-4-Chlorophenoxyacetic Acid)	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	MCPP	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Mercury	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Methoxychlor	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-DICHLORO	T	Monochlorobiphenyl	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Naphthalene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Nickel	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Nitrobenzene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	N-Nitroso-di-n-propylamine	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	N-Nitrosodiphenylamine	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-DICHLORO	T	Nonachlorobiphenyl	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	OCDD	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	OCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-OCTA-ETHE	T	Octachlorobiphenyl	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	P-Chloroaniline	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-PENTAPHEN	T	Pentachlorobiphenyl	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Pentachlorophenol	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Pentachlorophenol	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Percent Lipids	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Phenanthrene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Phenol	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	P-Nitroaniline	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Potassium	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Pyrene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Selenium	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Silver	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Sodium	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-TETRACHLOR	T	Tetrachlorobiphenyl	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Thallium	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HpCDD	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HpCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HxCDD	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HxCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total PeCDD	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total PeCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total TCDD	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total TCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Toxaphene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-TRICHLORO	T	Trichlorobiphenyl	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Vanadium	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Zinc	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,6,7,8-HpCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8,9-HpCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8-HxCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,6,7,8-HxCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8,9-HxCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8-Pentachlorodibenzofuran	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,4-Trichlorobenzene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,3-Dichlorobenzene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,3-Dichlorobenzene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,4-Dichlorobenzene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,2'-Oxybis(1-Chloropropane) (Bis-2-chloroisopropyl-ether)	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,4,6,7,8-HxCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,4,7,8-PeCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,7,8-TCDD	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,7,8-Tetrachlorodibenzofuran	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,5-T	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,5-TP (Silvex)	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,5-Trichlorophenol	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,6-Trichlorophenol	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-D	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-DB	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dichlorophenol	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dimethylphenol	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dinitrophenol	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dinitrotoluene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,6-Dinitrotoluene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Chloronaphthalene	[illegible]	U	[illegible]	[illegible]

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8270	95-57-8	T	2-Chlorophenol	990	U	990	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8270	91-57-6	T	2-Methylnaphthalene	990	U	990	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8270	95-48-7	T	2-Methylphenol (o-Cresol)	990	U	990	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8270	88-74-4	T	2-Nitroaniline	5100	U	5100	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8270	88-75-5	T	2-Nitrophenol	990	U	990	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8270	91-94-1	T	3,3'-Dichlorobenzidine	2000	U	2000	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8270	106-44-5	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	990	U	990	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8270	99-09-2	T	3-Nitroaniline	5100	U	5100	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8081	72-54-8	T	4,4'-DDD	10	UJ	10	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8081	72-55-9	T	4,4'-DDE	7.8	J	10	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8081	50-29-3	T	4,4'-DDT	10	U	10	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	5100	U	5100	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	990	U	990	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8270	59-50-7	T	4-Chloro-3-methylphenol	990	U	990	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	990	U	990	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8270	100-02-7	T	4-Nitrophenol	5100	U	5100	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8270	83-32-9	T	Acenaphthene	990	U	990	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8270	208-96-8	T	Acenaphthylene	990	U	990	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8081	309-00-2	T	Aldrin	5	U	5	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8081	319-84-6	T	alpha-BHC	5	U	5	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8081	5103-71-9	T	alpha-Chlordane	5	U	5	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	6010	7429-90-5	T	Aluminum	47		20	mg/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8270	120-12-7	T	Anthracene	990	U	990	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	6010	7440-36-0	T	Antimony	1.8	U	1.8	mg/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	6010	7440-38-2	T	Arsenic	3.6		0.85	mg/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	6010	7440-39-3	T	Barium	80		0.91	mg/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	990	U	990	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	990	U	990	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	990	U	990	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8270	191-24-2	T	Benzo(g,h,i)perylene	990	U	990	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	990	U	990	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	990	U	990	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	6010	7440-41-7	T	Beryllium	0.35	U	0.35	mg/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8081	319-85-7	T	beta-BHC	5	U	5	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	990	U	990	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	990	U	990	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	990	U	990	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	6010	7440-43-9	T	Cadmium	0.44	U	0.44	mg/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8270	86-74-8	T	Carbazole	990	U	990	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	6010	7440-47-3	T	Chromium	1.9		0.85	mg/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8270	218-01-9	T	Chrysene	990	U	990	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	6010	7440-48-4	T	Cobalt	0.28		0.85	mg/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	6010	7440-50-8	T	Copper	5.2		0.01	mg/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8151	75-99-0	T	Dalapon	2000	U	2000	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	680	2051-24-3	T	Decachlorobiphenyl	50	U	50	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8081	319-86-8	T	delta-BHC	5	U	5	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8270	53-70-3	T	Dibenz(a,h)anthracene	990	U	990	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8270	132-64-9	T	Dibenzofuran	990	U	990	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8151	1918-00-9	T	Dicamba	20	U	20	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	680	C-DICHLOROBI	T	Dichlorobiphenyl	10	U	10	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8151	120-36-5	T	Dichlorprop	100	U	100	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8081	60-57-1	T	Dieldrin	10	U	10	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8270	84-66-2	T	Diethyl Phthalate	990	U	990	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	990	U	990	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8270	84-74-2	T	Di-n-butylphthalate	990	U	990	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8270	117-84-0	T	Di-n-octylphthalate	990	U	990	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8270	88-85-7	T	Dinoseb	990	U	990	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8081	959-98-8	T	Endosulfan I	5	U	5	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8081	33213-65-9	T	Endosulfan II	10	U	10	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8081	1031-07-8	T	Endosulfan Sulfate	10	U	10	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8081	72-20-8	T	Endrin	10	U	10	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8081	7421-93-4	T	Endrin Aldehyde	10	U	10	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8081	53494-70-5	T	Endrin Ketone	10	U	10	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8270	206-44-0	T	Fluoranthene	990	U	990	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8270	86-73-7	T	Fluorene	990	U	990	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8081	58-89-9	T	gamma-BHC (Lindane)	5	U	5	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8081	5103-74-2	T	gamma-Chlordane	5	U	5	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8081	76-44-8	T	Heptachlor	5	U	5	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8081	1024-57-3	T	Heptachlor Epoxide	5	U	5	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	30	U	30	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8270	118-74-1	T	Hexachlorobenzene	990	U	990	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	680	C-HEXACHLORO	T	Hexachlorobiphenyl	20	U	20	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	990	U	990	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	990	U	990	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8270	67-72-1	T	Hexachloroethane	990	U	990	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	990	U	990	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	6010	7439-89-6	T	Iron	540	J	0.05	mg/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	8270	78-59-1	T	Isophorone	990	U	990	ug/kg
R2AD1S	Clam-R2AD1S	02/06/2003	Field Sample	6010	7439-92-1	T	Lead	0.44	U	0.44	mg/kg

Appendix III-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample-ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	[illegible]	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	[illegible]	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	MCPA (4-Chloro-2-methylphenoxyacetic Acid)	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	MCPP	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Mercury	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Methoxychlor	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-MONOCHLORO	T	Monochlorophenyl	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Naphthalene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Nickel	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Nitrobenzene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	N-Nitroso-di-n-propylamine	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	N-Nitrosodiphenylamine	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-MONOCHLORO	T	Nonachlorophenyl	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	OCDD	[illegible]	J	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	OCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-OCTA-BPHE	T	Octachlorophenyl	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	P-Chloroaniline	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-PENTA-BPHE	T	Pentachlorophenyl	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Pentachlorophenol	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Pentachlorophenol	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	CBIP	T	Percent Lipids	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Phenanthrene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Phenol	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	P-Nitroaniline	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Potassium	[illegible]	J	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Pyrene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Selenium	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Silver	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Sodium	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-TETRACHLOR	T	Tetrachlorophenyl	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Thallium	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HpCDD	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HpCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HxCDD	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HxCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total PeCDD	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total PeCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total TCDD	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total TCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Toxaphene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-TRICHLORO	T	Trichlorophenyl	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Vanadium	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Zinc	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,6,7,8-HpCDD	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,6,7,8-HpCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8,9-HpCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8-HxCDD	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8-HxCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,6,7,8-HxCDD	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,6,7,8-HxCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8,9-HxCDD	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8,9-HxCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8-PeCDD	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8-PeCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,4-Trichlorobenzene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2-Dichlorobenzene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,3-Dichlorobenzene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,4-Dichlorobenzene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,2-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl-ether)	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,4,6,7,8-HxCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,4,7,8-PeCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,7,8-TCDD	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,7,8-Tetrachlorodibenzofuran	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,5-T	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,5-TP (Silvex)	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,5-Trichlorophenol	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,6-Trichlorophenol	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-D	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-DB	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dichlorophenol	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dimethylphenol	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dinitrophenol	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dinitrotoluene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,6-Dinitrotoluene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Chloronaphthalene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Chlorophenol	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Methylnaphthalene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Methylphenol (o-Cresol)	[illegible]	U	[illegible]	[illegible]

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8270	88-74-4	T	2-Nitroaniline	5100	U	5100	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8270	88-75-5	T	2-Nitrophenol	990	U	990	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8270	91-94-1	T	3,3'-Dichlorobenzidine	2000	U	2000	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8270	105-44-5	T	3-Methylphenol/4-Methylphenol (mlp-Cresol)	990	U	990	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8270	99-09-2	T	3-Nitroaniline	5100	U	5100	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8081	72-54-8	T	4,4'-DDD	10	UJ	10	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8081	72-55-9	T	4,4'-DDE	9.7	J	10	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8081	50-29-3	T	4,4'-DDT	10	U	10	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	5100	U	5100	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	990	U	990	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8270	59-50-7	T	4-Chloro-3-methylphenol	990	U	990	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	990	U	990	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8270	100-02-7	T	4-Nitrophenol	5100	U	5100	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8270	83-32-9	T	Acenaphthene	990	U	990	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8270	208-96-8	T	Acenaphthylene	990	U	990	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8081	309-00-2	T	Aldrin	5	U	5	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8081	319-84-6	T	alpha-BHC	5	U	5	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8081	5103-71-9	T	alpha-Chlordane	5	U	5	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	6010	7429-90-5	T	Aluminum	70		20	mg/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8270	120-12-7	T	Anthracene	990	U	990	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	6010	7440-36-0	T	Antimony	1.8	U	1.8	mg/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	6010	7440-38-2	T	Arsenic	3.7		0.85	mg/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	6010	7440-39-3	T	Barium	200		0.91	mg/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	990	U	990	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	990	U	990	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	990	U	990	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8270	191-24-2	T	Benzo(g,h,i)perylene	990	U	990	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	990	U	990	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	990	U	990	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	6010	7440-41-7	T	Beryllium	0.36	U	0.36	mg/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8081	319-85-7	T	beta-BHC	5	U	5	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	990	U	990	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	990	U	990	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	990	U	990	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	6010	7440-43-9	T	Cadmium	0.45	U	0.45	mg/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8270	86-74-8	T	Carbazole	990	U	990	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	6010	7440-47-3	T	Chromium	1.3		0.85	mg/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8270	218-01-9	T	Chrysene	990	U	990	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	6010	7440-48-4	T	Cobalt	0.94		0.85	mg/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	6010	7440-50-8	T	Copper	4.7		0.91	mg/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8151	75-99-0	T	Dalapon	2000	U	2000	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	680	2051-24-3	T	Decachlorobiphenyl	50	U	50	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8081	319-86-8	T	delta-BHC	5	U	5	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8270	53-70-3	T	Dibenz(a,h)anthracene	990	U	990	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8270	132-64-9	T	Dibenzofuran	990	U	990	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8151	1918-00-9	T	Dicamba	20	U	20	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	680	C-DICHLOROBI	T	Dichlorobiphenyl	10	U	10	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8151	120-36-5	T	Dichlorprop	100	U	100	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8081	60-57-1	T	Dieldrin	10	U	10	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8270	84-66-2	T	Diethyl Phthalate	990	U	990	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	990	U	990	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8270	84-74-2	T	Di-n-butylphthalate	990	U	990	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8270	117-84-0	T	Di-n-octylphthalate	990	U	990	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8270	88-85-7	T	Dinoseb	990	U	990	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8081	959-98-8	T	Endosulfan I	5	U	5	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8081	33213-65-9	T	Endosulfan II	10	U	10	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8081	1031-07-8	T	Endosulfan Sulfate	10	U	10	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8081	72-20-8	T	Endrin	10	U	10	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8081	7421-93-4	T	Endrin Aldehyde	10	U	10	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8081	53494-70-5	T	Endrin Ketone	10	U	10	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8270	206-44-0	T	Fluoranthene	990	U	990	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8270	86-73-7	T	Fluorene	990	U	990	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8081	58-89-9	T	gamma-BHC (Lindane)	5	U	5	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8081	5103-74-2	T	gamma-Chlordane	5	U	5	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8081	76-44-8	T	Heptachlor	5	U	5	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8081	1024-57-3	T	Heptachlor Epoxide	5	U	5	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	30	U	30	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8270	118-74-1	T	Hexachlorobenzene	990	U	990	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	680	C-HEXACHLORO	T	Hexachlorobiphenyl	20	U	20	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	990	U	990	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	990	U	990	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8270	67-72-1	T	Hexachloroethane	990	U	990	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	990	U	990	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	6010	7439-89-6	T	Iron	800	J	0.05	mg/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8270	78-59-1	T	Isophorone	990	U	990	ug/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	6010	7439-92-1	T	Lead	0.45	U	0.45	mg/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	6010	7439-95-4	T	Magnesium	80		47	mg/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	6010	7439-96-5	T	Manganese	590		0.91	mg/kg
R2AM1S	Clam-R2AM1S	02/06/2003	Field Sample	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	2000	U	2000	ug/kg

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Standard	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	MCPP	[illegible]		[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Mercury	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Methoxychlor	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-HEXACHLORO	T	Monochlorobiphenyl	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Naphthalene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Nickel	[illegible]		[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Nitrobenzene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	N-Nitroso-di-n-propylamine	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	N-Nitrosodiphenylamine	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-HEXACHLORO	T	Nonachlorobiphenyl	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	OCDD	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	OCDF	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-OCTA-BPHE	T	Octachlorobiphenyl	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	P-Chloroaniline	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-PENTA-BPHE	T	Pentachlorobiphenyl	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Pentachlorophenol	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Pentachlorophenol	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Percent Lipids	[illegible]		[illegible]	%
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Phenanthrene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Phenol	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	P-Nitroaniline	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Phosphorus	[illegible]	J	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Pyrene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Selenium	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Silver	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Sodium	[illegible]		[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-HEXACHLOR	T	Tetrachlorobiphenyl	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Thallium	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HpCDD	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HpCDF	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HxCDD	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HxCDF	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total PeCDD	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total PeCDF	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total TCDD	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total TCDF	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Toxaphene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-TRICHLORO	T	Trichlorobiphenyl	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Vanadium	[illegible]		[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Zinc	[illegible]		[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,6,7,8-HpCDF	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8,9-HpCDF	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8-HxCDF	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,6,7,8-HxCDF	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8,9-HxCDF	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8-Pentachlorodibenzofuran	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,4-Trichlorobenzene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,3-Dichlorobenzene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,3-Dichlorobenzene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,4-Dichlorobenzene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,4,6,7,8-HxCDF	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,4,7,8-PeCDF	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,7,8-TCDD	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,7,8-Tetrachlorodibenzofuran	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,5-T	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,5-TP (Silvex)	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,6-Trichlorophenol	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,6-Trichlorophenol	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-D	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-DB	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dichlorophenol	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dimethylphenol	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dinitrophenol	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dinitrotoluene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,6-Dinitrotoluene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Chloronaphthalene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Chlorophenol	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Methylnaphthalene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Methylphenol (o-Cresol)	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Nitroaniline	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Nitrophenol	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3,3'-Dichlorobenzidine	[illegible]	U	[illegible]	ug/g

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8270	106-44-5	T	3-Methylphenol/4-Methylphenol (mlp-Cresol)	990	U	990	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8270	99-09-2	T	3-Nitroaniline	5100	U	5100	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8081	72-54-8	T	4,4'-DDD	10	U	10	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8081	72-55-9	T	4,4'-DDE	10		10	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8081	50-29-3	T	4,4'-DDT	10	U	10	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	5100	U	5100	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	990	U	990	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8270	59-50-7	T	4-Chloro-3-methylphenol	990	U	990	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	990	U	990	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8270	100-02-7	T	4-Nitrophenol	5100	U	5100	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8270	83-32-9	T	Acenaphthene	990	U	990	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8270	208-96-8	T	Acenaphthylene	990	U	990	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8081	309-00-2	T	Aldrin	5	U	5	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8081	319-84-6	T	alpha-BHC	5	U	5	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8081	5103-71-9	T	alpha-Chlordane	5	U	5	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	6010	7429-90-5	T	Aluminum	44		20	mg/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8270	120-12-7	T	Anthracene	990	U	990	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	6010	7440-36-0	T	Antimony	1.9	U	1.9	mg/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	6010	7440-38-2	T	Arsenic	2		0.85	mg/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	6010	7440-39-3	T	Barium	110		0.91	mg/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8270	56-55-3	T	Benzo(a)anthracene	990	U	990	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8270	50-32-8	T	Benzo(a)pyrene	990	U	990	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8270	205-99-2	T	Benzo(b)fluoranthene	990	U	990	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8270	191-24-2	T	Benzo(g,h,i)perylene	990	U	990	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8270	207-08-9	T	Benzo(k)fluoranthene	990	U	990	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8270	85-68-7	T	Benzyl Butyl Phthalate	990	U	990	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	6010	7440-41-7	T	Beryllium	0.37	U	0.37	mg/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8081	319-85-7	T	beta-BHC	5	U	5	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8270	111-91-1	T	bis(2-Chloroethoxy)methane	990	U	990	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8270	111-44-4	T	bis(2-Chloroethyl)ether	990	U	990	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	990	U	990	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	6010	7440-43-9	T	Cadmium	0.47	U	0.47	mg/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8270	86-74-8	T	Carbazole	990	U	990	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	6010	7440-47-3	T	Chromium	2		0.85	mg/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8270	218-01-9	T	Chrysene	990	U	990	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	6010	7440-48-4	T	Cobalt	0.83		0.85	mg/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	6010	7440-50-8	T	Copper	3.9		0.01	mg/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8151	75-99-0	T	Dalapon	6000	U	6000	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	680	2051-24-3	T	Decachlorobiphenyl	50	U	50	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8081	319-86-8	T	delta-BHC	5	U	5	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8270	53-70-3	T	Dibenz(a,h)anthracene	990	U	990	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8270	132-64-9	T	Dibenzofuran	990	U	990	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8151	1918-00-9	T	Dicamba	60	U	60	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	680	C-DICHLOROBI	T	Dichlorobiphenyl	10	U	10	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8151	120-36-5	T	Dichloprop	17	J	100	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8081	60-57-1	T	Dieldrin	10	U	10	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8270	84-66-2	T	Diethyl Phthalate	990	U	990	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8270	131-11-3	T	Dimethyl Phthalate	990	U	990	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8270	84-74-2	T	Di-n-butylphthalate	990	U	990	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8270	117-84-0	T	Di-n-octylphthalate	990	U	990	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8270	88-85-7	T	Dinoseb	990	U	990	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8081	959-98-8	T	Endosulfan I	5	U	5	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8081	33213-65-9	T	Endosulfan II	10	U	10	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8081	1031-07-8	T	Endosulfan Sulfate	10	U	10	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8081	72-20-8	T	Endrin	10	U	10	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8081	7421-93-4	T	Endrin Aldehyde	10	U	10	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8081	53494-70-5	T	Endrin Ketone	10	U	10	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8270	206-44-0	T	Fluoranthene	990	U	990	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8270	86-73-7	T	Fluorene	990	U	990	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8081	58-89-9	T	gamma-BHC (Lindane)	5	U	5	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8081	5103-74-2	T	gamma-Chlordane	5	U	5	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8081	76-44-8	T	Heptachlor	5	U	5	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8081	1024-57-3	T	Heptachlor Epoxide	5	U	5	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	30	U	30	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8270	118-74-1	T	Hexachlorobenzene	990	U	990	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	680	C-HEXACHLORO	T	Hexachlorobiphenyl	20	U	20	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8270	87-68-3	T	Hexachlorobutadiene	990	U	990	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8270	77-47-4	T	Hexachlorocyclopentadiene	990	U	990	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8270	67-72-1	T	Hexachloroethane	990	U	990	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	990	U	990	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	6010	7439-89-6	T	Iron	430		0.85	mg/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8270	78-59-1	T	Isophorone	990	U	990	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	6010	7439-92-1	T	Lead	0.35		0.42	mg/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	6010	7439-95-4	T	Magnesium	63		47	mg/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	6010	7439-96-5	T	Manganese	420		0.91	mg/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	6000	U	6000	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8151	93-65-2	T	MCPP	2400	J	2000	ug/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	7471	7439-97-6	T	Mercury	0.0089		0.017	mg/kg
R2AM2S	Clam-R2AM2S	02/06/2003	Field Duplicate	8081	72-43-5	T	Methoxychlor	50	U	50	ug/kg

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]		3.5	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	OCDD	4.6	[illegible]	4.6	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	OCDF	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Percent Lipids	23		1	%
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Total HpCDD	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Total HpCDF	0.22	[illegible]	0.22	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Total HxCDD	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Total HxCDF	0.15	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Total PeCDD	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Total PeCDF	0.15	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Total TCDD	0.12	[illegible]	0.12	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Total TCDF	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	10	[illegible]	10	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	0.77		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Zinc	5.6		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,2,3,4,6,7,8-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,2,3,4,6,7,8-HpCDF	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,2,3,4,7,8,9-HpCDF	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,2,3,4,7,8-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,2,3,4,7,8-HxCDF	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,2,3,6,7,8-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,2,3,6,7,8-HxCDF	0.25	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,2,3,7,8,9-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,2,3,7,8,9-HxCDF	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,2,3,7,8-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,2,3,7,8-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,2,4-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,2-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,3-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,4-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,2'-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,3,4,6,7,8-HxCDF	0.3	[illegible]	0.3	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,3,4,7,8-PeCDF	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,3,7,8-TCDD	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,3,7,8-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4,5-T	25	[illegible]	25	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4,5-TP ([illegible])	25	[illegible]	25	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4,5-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4,6-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4-D	25	[illegible]	25	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4-DB	25	[illegible]	25	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,6-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2-[illegible] ([illegible])	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	3,3'-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	3-[illegible] ([illegible])	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	3-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	4,4'-DDD	10	U	10	[illegible]

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8081	72-55-9	T	4,4'-DDE	8.8	J	10	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8081	50-29-3	T	4,4'-DDT	10	U	10	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	5100	UJ	5100	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	980	UJ	980	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8270	59-50-7	T	4-Chloro-3-methylphenol	980	UJ	980	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	980	UJ	980	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8270	100-02-7	T	4-Nitrophenol	5100	UJ	5100	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8270	83-32-9	T	Acenaphthene	980	UJ	980	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8270	208-96-8	T	Acenaphthylene	980	UJ	980	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8081	309-00-2	T	Aldrin	5	U	5	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8081	319-84-6	T	alpha-BHC	5	U	5	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8081	5103-71-9	T	alpha-Chlordane	5	U	5	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	6010	7429-90-5	T	Aluminum	40		20	mg/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8270	120-12-7	T	Anthracene	980	UJ	980	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	6010	7440-36-0	T	Antimony	1.8	U	1.8	mg/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	6010	7440-38-2	T	Arsenic	2.5		0.85	mg/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	6010	7440-39-3	T	Barium	130		0.91	mg/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	980	UJ	980	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	980	UJ	980	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	980	UJ	980	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8270	191-24-2	T	Benzo(g,h,i)perylene	980	UJ	980	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	980	UJ	980	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	980	UJ	980	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	6010	7440-41-7	T	Beryllium	0.37	U	0.37	mg/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8081	319-85-7	T	beta-BHC	5	U	5	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	980	UJ	980	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	980	UJ	980	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	980	UJ	980	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	6010	7440-43-9	T	Cadmium	0.46	U	0.46	mg/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8270	86-74-8	T	Carbazole	980	UJ	980	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	6010	7440-47-3	T	Chromium	4.1		0.85	mg/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8270	218-01-9	T	Chrysene	980	UJ	980	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	6010	7440-48-4	T	Cobalt	0.89		0.85	mg/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	6010	7440-50-8	T	Copper	4.4		0.01	mg/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8151	75-99-0	T	Dalapon	6000	U	6000	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	680	2051-24-3	T	Decachlorobiphenyl	50	U	50	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8081	319-86-8	T	delta-BHC	5	U	5	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8270	53-70-3	T	Dibenzo(a,h)anthracene	980	UJ	980	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8270	132-64-9	T	Dibenzofuran	980	UJ	980	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8151	1918-00-9	T	Dicamba	60	U	60	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	680	C-DICHLOROBI	T	Dichlorobiphenyl	10	U	10	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8151	120-36-5	T	Dichloprop	12	J	100	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8081	60-57-1	T	Dieldrin	10	U	10	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8270	84-66-2	T	Diethyl Phthalate	980	UJ	980	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	980	UJ	980	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8270	84-74-2	T	Di-n-butylphthalate	980	UJ	980	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8270	117-84-0	T	Di-n-octylphthalate	980	UJ	980	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8270	88-85-7	T	Dinoseb	980	UJ	980	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8081	959-98-8	T	Endosulfan I	5	U	5	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8081	33213-65-9	T	Endosulfan II	10	U	10	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8081	1031-07-8	T	Endosulfan Sulfate	10	U	10	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8081	72-20-8	T	Endrin	10	U	10	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8081	7421-93-4	T	Endrin Aldehyde	10	U	10	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8081	53494-70-5	T	Endrin Ketone	10	U	10	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8270	206-44-0	T	Fluoranthene	980	UJ	980	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8270	86-73-7	T	Fluorene	980	UJ	980	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8081	58-89-9	T	gamma-BHC (Lindane)	5	U	5	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8081	5103-74-2	T	gamma-Chlordane	5	U	5	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8081	76-44-8	T	Heptachlor	5	U	5	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8081	1024-57-3	T	Heptachlor Epoxide	5	U	5	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	30	U	30	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8270	118-74-1	T	Hexachlorobenzene	980	UJ	980	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	680	C-HEXACHLORO	T	Hexachlorobiphenyl	20	U	20	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	980	UJ	980	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	980	UJ	980	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8270	67-72-1	T	Hexachloroethane	980	UJ	980	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	980	UJ	980	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	6010	7439-89-6	T	Iron	480		0.05	mg/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8270	78-59-1	T	Isophorone	980	UJ	980	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	6010	7439-92-1	T	Lead	0.46	U	0.46	mg/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	6010	7439-95-4	T	Magnesium	74		47	mg/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	6010	7439-96-5	T	Manganese	860		0.91	mg/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8151	94-74-6	T	MCPA [2-Methyl-4-Chlorophenoxyacetic Acid]	6000	U	6000	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8151	93-65-2	T	MCPP	1700	J	2000	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	7471	7439-97-6	T	Mercury	0.0042		0.017	mg/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8081	72-43-5	T	Methoxychlor	50	U	50	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	10	U	10	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	8270	91-20-3	T	Naphthalene	980	UJ	980	ug/kg
R2AU1S	Clam-R2AU1S	02/06/2003	Field Sample	6010	7440-02-0	T	Nickel	0.7		3.5	mg/kg

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Nitrobenzene	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	N-Nitroso-di-n-propylamine	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	N-Nitrosodiphenylamine	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-NONACHLORO	T	Nonachlorobiphenyl	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	OCDD	1.7	U	1.7	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	OCDF	0.65	U	[illegible]	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-OCTA-BIPHE	T	Octachlorobiphenyl	20	U	20	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	P-Chloroaniline	2000	UJ	2000	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-PENTA-BIPHE	T	Pentachlorobiphenyl	20	U	20	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Pentachlorophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Pentachlorophenol	5000	UJ	5000	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	CH7	T	Percent Lipids	3.6		1	%
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Phenanthrene	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Phenol	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	P-Nitroaniline	5000	UJ	5000	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Potassium	[illegible]		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Pyrene	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Selenium	[illegible]	U	[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Silver	[illegible]	U	[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Sodium	[illegible]		40	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-TETRACHLOR	T	Tetrachlorobiphenyl	20	U	20	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Thallium	[illegible]	U	[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HpCDD	[illegible]	U	0.51	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HpCDF	0.45	U	0.45	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HxCDD	[illegible]	U	[illegible]	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HxCDF	[illegible]	U	[illegible]	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total PeCDD	[illegible]	U	[illegible]	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total PeCDF	0.34	U	0.34	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total TCDD	[illegible]	U	[illegible]	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total TCDF	0.65	U	[illegible]	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Toxaphene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-TRICHLOROB	T	Trichlorobiphenyl	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Vanadium	1.1		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Zinc	7.6		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	0.57	U	0.57	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,6,7,8-HpCDF	0.18	UJ	0.18	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8,9-HpCDF	0.15	UJ	0.15	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	[illegible]	U	[illegible]	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8-HxCDF	0.11	U	0.11	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	[illegible]	U	[illegible]	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,6,7,8-HxCDF	[illegible]	U	[illegible]	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.11	U	0.11	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8,9-HxCDF	[illegible]	U	[illegible]	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8-Pentachlorodibenzofuran	[illegible]	UJ	[illegible]	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	[illegible]	UJ	[illegible]	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,4-Trichlorobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2-Dichlorobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,3-Dichlorobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,4-Dichlorobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,4,6,7,8-HxCDF	[illegible]	U	[illegible]	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,4,7,8-PeCDF	[illegible]	UJ	[illegible]	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,7,8-TCDD	[illegible]	UJ	[illegible]	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,7,8-Tetrachlorodibenzofuran	[illegible]	UJ	[illegible]	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,5-T	8.3	U	8.3	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,5-TP (Silvex)	8.3	U	8.3	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,5-Trichlorophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,6-Trichlorophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-D	[illegible]		[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-DB	8.3	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dichlorophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dimethylphenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dinitrophenol	5000	U	5000	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dinitrotoluene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,6-Dinitrotoluene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Chloronaphthalene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Chlorophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Methylnaphthalene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Methylphenol (o-Cresol)	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Nitroaniline	5000	U	5000	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Nitrophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3,3'-Dichlorobenzidine	2000	U	2000	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3-Nitroaniline	5000	U	5000	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,4'-DDD	10	UJ	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,4'-DDE	10		10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,4'-DDT	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,6-Dinitro-2-methylphenol	5000	U	5000	ug/kg

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	990	U	990	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8270	59-50-7	T	4-Chloro-3-methylphenol	990	U	990	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	990	U	990	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8270	100-02-7	T	4-Nitrophenol	5100	U	5100	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8270	83-32-9	T	Acenaphthene	990	U	990	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8270	208-96-8	T	Acenaphthylene	990	U	990	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8081	309-00-2	T	Aldrin	5	U	5	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8081	319-84-6	T	alpha-BHC	5	U	5	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8081	5103-71-9	T	alpha-Chlordane	5	U	5	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	6010	7429-90-5	T	Aluminum	44		20	mg/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8270	120-12-7	T	Anthracene	990	U	990	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	6010	7440-36-0	T	Antimony	1.9	U	1.9	mg/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	6010	7440-38-2	T	Arsenic	1.3		0.85	mg/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	6010	7440-39-3	T	Barium	150		0.91	mg/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	990	U	990	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	990	U	990	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	990	U	990	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8270	191-24-2	T	Benzo(g,h,i)perylene	990	U	990	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	990	U	990	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	990	U	990	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	6010	7440-41-7	T	Beryllium	0.39	U	0.39	mg/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8081	319-85-7	T	beta-BHC	5	U	5	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	990	U	990	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	990	U	990	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	990	U	990	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	6010	7440-43-9	T	Cadmium	0.49	U	0.49	mg/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8270	86-74-8	T	Carbazole	990	U	990	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	6010	7440-47-3	T	Chromium	1.7		0.85	mg/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8270	218-01-9	T	Chrysene	990	U	990	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	6010	7440-48-4	T	Cobalt	0.42		0.85	mg/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	6010	7440-50-8	T	Copper	4		0.01	mg/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8151	75-99-0	T	Dalapon	2000	U	2000	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	680	2051-24-3	T	Decachlorobiphenyl	50	U	50	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8081	319-86-8	T	delta-BHC	5	U	5	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8270	53-70-3	T	Dibenzo(a,h)anthracene	990	U	990	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8270	132-64-9	T	Dibenzofuran	990	U	990	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8151	1918-00-9	T	Dicamba	20	U	20	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	680	C-DICHLOROBI	T	Dichlorobiphenyl	10	U	10	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8151	120-36-5	T	Dichlorprop	100	U	100	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8081	60-57-1	T	Dieldrin	10	U	10	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8270	84-66-2	T	Diethyl Phthalate	990	U	990	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	990	U	990	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8270	84-74-2	T	Di-n-butylphthalate	990	U	990	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8270	117-84-0	T	Di-n-octylphthalate	990	U	990	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8270	88-85-7	T	Dinoseb	990	U	990	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8081	959-98-8	T	Endosulfan I	5	U	5	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8081	33213-65-9	T	Endosulfan II	10	U	10	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8081	1031-07-8	T	Endosulfan Sulfate	10	U	10	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8081	72-20-8	T	Endrin	10	U	10	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8081	7421-93-4	T	Endrin Aldehyde	10	U	10	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8081	53494-70-5	T	Endrin Ketone	10	U	10	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8270	206-44-0	T	Fluoranthene	990	U	990	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8270	86-73-7	T	Fluorene	990	U	990	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8081	58-89-9	T	gamma-BHC (Lindane)	5	U	5	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8081	5103-74-2	T	gamma-Chlordane	5	U	5	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8081	76-44-8	T	Heptachlor	5	U	5	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8081	1024-57-3	T	Heptachlor Epoxide	5	U	5	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	30	U	30	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8270	118-74-1	T	Hexachlorobenzene	990	U	990	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	680	C-HEXACHLORO	T	Hexachlorobiphenyl	20	U	20	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	990	U	990	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	990	U	990	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8270	67-72-1	T	Hexachloroethane	990	U	990	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	990	U	990	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	6010	7439-89-6	T	Iron	280	J	0.05	mg/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8270	78-59-1	T	Isophorone	990	U	990	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	6010	7439-92-1	T	Lead	0.49	U	0.49	mg/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	6010	7439-95-4	T	Magnesium	62		47	mg/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	6010	7439-96-5	T	Manganese	460		0.91	mg/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	2000	U	2000	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8151	93-65-2	T	MCPP	1400	J	2000	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	7471	7439-97-6	T	Mercury	0.016	U	0.016	mg/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8081	72-43-5	T	Methoxychlor	50	UJ	50	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	10	U	10	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8270	91-20-3	T	Naphthalene	990	U	990	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	6010	7440-02-0	T	Nickel	0.69		3.5	mg/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8270	98-95-3	T	Nitrobenzene	990	U	990	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	990	U	990	ug/kg
R2BD1S	Clam-R2BD1S	02/06/2003	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	990	U	990	ug/kg

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	C-HEXACHLORO	T	Hexachlorobiphenyl	50	U	50	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	3268-87-9	T	OCDD	4.4	U	4.4	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	39001-02-0	T	OCDF	0.45	U	0.45	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	C-OCTA-BIPHE	T	Octachlorobiphenyl	20	U	20	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	106-47-8	T	P-Chloroaniline	2000	U	2000	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	C-PENTABIPHEN	T	Pentachlorobiphenyl	20	U	20	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	87-86-5	T	Pentachlorophenol	5000	U	5000	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	87-86-5	T	Pentachlorophenol	17	U	17	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	CB47	T	Percent Lipids	1		1	%
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	85-01-8	T	Phenanthrene	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	108-95-2	T	Phenol	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	100-01-6	T	P-Nitroaniline	5000	U	5000	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	7440-09-7	T	Potassium	65	J	34	mg/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	129-00-0	T	Pyrene	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	7782-49-2	T	Selenium	0.57	U	0.57	mg/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	7440-22-4	T	Silver	0.57	U	0.57	mg/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	7440-23-5	T	Sodium	2300		40	mg/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	C-TETRACHLOR	T	Tetrachlorobiphenyl	20	U	20	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	7440-28-0	T	Thallium	0.57	U	0.57	mg/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	37871-00-4	T	Total HpCDD	0.4	U	0.4	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	38998-75-3	T	Total HpCDF	0.15	UJ	0.15	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	34465-46-8	T	Total HxCDD	0.11	U	0.11	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	55684-94-1	T	Total HxCDF	0.52	U	0.52	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	36088-22-9	T	Total PeCDD	0.29	UJ	0.29	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	30402-15-4	T	Total PeCDF	0.8	U	0.8	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	41903-57-5	T	Total TCDD	0.052	UJ	0.052	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	55722-27-5	T	Total TCDF	1.5	UJ	1.5	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	8001-35-2	T	Toxaphene	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	C-TRICHLOROB	T	Trichlorobiphenyl	10	U	10	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	7440-62-2	T	Vanadium	0.57	U	0.57	mg/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	7440-66-6	T	Zinc	23		0.65	mg/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	35822-46-9	T	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	0.21	U	0.21	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	67562-39-4	T	1,2,3,4,6,7,8-HpCDF	0.1	U	0.1	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	55673-89-7	T	1,2,3,4,7,8,9-HpCDF	0.12	U	0.12	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	39227-28-6	T	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.15	U	0.15	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	70648-26-9	T	1,2,3,4,7,8-HxCDF	0.085	U	0.085	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	57653-85-7	T	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	0.14	U	0.14	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	57117-44-9	T	1,2,3,6,7,8-HxCDF	0.076	U	0.076	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	19408-74-3	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.14	U	0.14	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	72918-21-9	T	1,2,3,7,8,9-HxCDF	0.1	UJ	0.1	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	57117-41-6	T	1,2,3,7,8-Pentachlorodibenzofuran	0.21	U	0.21	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	40321-76-4	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.27	U	0.27	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	120-82-1	T	1,2,4-Trichlorobenzene	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	95-50-1	T	1,2-Dichlorobenzene	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	541-73-1	T	1,3-Dichlorobenzene	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	106-46-7	T	1,4-Dichlorobenzene	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	60851-34-5	T	2,3,4,6,7,8-HxCDF	0.088	U	0.088	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	57117-31-4	T	2,3,4,7,8-PeCDF	0.21	U	0.21	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	1746-01-6	T	2,3,7,8-TCDD	0.1	U	0.1	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	51207-31-9	T	2,3,7,8-Tetrachlorodibenzofuran	0.17	U	0.17	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	93-76-5	T	2,4,5-T	8.3	U	8.3	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	93-72-1	T	2,4,5-TP (Silvex)	8.3	U	8.3	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	95-95-4	T	2,4,5-Trichlorophenol	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	88-06-2	T	2,4,6-Trichlorophenol	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	94-75-7	T	2,4-D	8.3	U	8.3	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	94-82-6	T	2,4-DB	8.3	U	8.3	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	120-83-2	T	2,4-Dichlorophenol	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	105-67-9	T	2,4-Dimethylphenol	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	51-28-5	T	2,4-Dinitrophenol	5000	U	5000	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	121-14-2	T	2,4-Dinitrotoluene	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	606-20-2	T	2,6-Dinitrotoluene	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	91-58-7	T	2-Chloronaphthalene	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	95-57-8	T	2-Chlorophenol	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	91-57-6	T	2-Methylnaphthalene	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	95-48-7	T	2-Methylphenol (o-Cresol)	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	88-74-4	T	2-Nitroaniline	5000	U	5000	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	88-75-5	T	2-Nitrophenol	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	91-94-1	T	3,3'-Dichlorobenzidine	2000	U	2000	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	108-39-4	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	99-09-2	T	3-Nitroaniline	5000	U	5000	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	72-54-8	T	4,4'-DDD	10	UJ	10	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	72-55-9	T	4,4'-DDE	2.7	J	10	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	50-29-3	T	4,4'-DDT	10	U	10	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	534-52-1	T	4,6-Dinitro-2-methylphenol	5000	U	5000	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	101-55-3	T	4-Bromophenyl Phenyl Ether	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	59-50-7	T	4-Chloro-3-methylphenol	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	7005-72-3	T	4-Chlorophenyl Phenyl Ether	500	U	500	ug/kg

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8270	100-02-7	T	4-Nitrophenol	5100	U	5100	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8270	83-32-9	T	Acenaphthene	990	U	990	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8270	208-96-8	T	Acenaphthylene	990	U	990	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8081	309-00-2	T	Aldrin	5	U	5	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8081	319-84-6	T	alpha-BHC	5	U	5	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8081	5103-71-9	T	alpha-Chlordane	5	U	5	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	6010	7429-90-5	T	Aluminum	60		20	mg/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8270	120-12-7	T	Anthracene	990	U	990	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	6010	7440-36-0	T	Antimony	1.9	U	1.9	mg/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	6010	7440-38-2	T	Arsenic	0.75		0.85	mg/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	6010	7440-39-3	T	Barium	110		0.91	mg/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	990	U	990	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	990	U	990	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	990	U	990	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8270	191-24-2	T	Benzo(g,h,i)perylene	990	U	990	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	990	U	990	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	990	U	990	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	6010	7440-41-7	T	Beryllium	0.36	U	0.36	mg/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8081	319-85-7	T	beta-BHC	5	U	5	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	990	U	990	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	990	U	990	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	990	U	990	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	6010	7440-43-9	T	Cadmium	0.47	U	0.47	mg/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8270	86-74-8	T	Carbazole	990	U	990	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	6010	7440-47-3	T	Chromium	1.8		0.85	mg/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8270	218-01-9	T	Chrysene	990	U	990	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	6010	7440-48-4	T	Cobalt	0.63		0.85	mg/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	6010	7440-50-8	T	Copper	6.8		0.01	mg/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8151	75-99-0	T	Dalapon	2000	U	2000	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	680	2051-24-3	T	Decachlorobiphenyl	50	U	50	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8081	319-86-8	T	delta-BHC	5	U	5	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8270	53-70-3	T	Dibenzo(a,h)anthracene	990	U	990	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8270	132-64-9	T	Dibenzofuran	990	U	990	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8151	1918-00-9	T	Dicamba	20	U	20	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	680	C-DICHLOROBI	T	Dichlorobiphenyl	10	U	10	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8151	120-36-5	T	Dichlorprop	100	U	100	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8081	60-57-1	T	Dieldrin	10	U	10	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8270	84-66-2	T	Diethyl Phthalate	990	U	990	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	990	U	990	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8270	84-74-2	T	Di-n-butylphthalate	990	U	990	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8270	117-84-0	T	Di-n-octylphthalate	990	U	990	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8270	88-85-7	T	Dinoseb	990	U	990	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8081	959-98-8	T	Endosulfan I	5	U	5	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8081	33213-65-9	T	Endosulfan II	10	U	10	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8081	1031-07-8	T	Endosulfan Sulfate	10	U	10	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8081	72-20-8	T	Endrin	10	U	10	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8081	7421-93-4	T	Endrin Aldehyde	10	U	10	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8081	53494-70-5	T	Endrin Ketone	10	U	10	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8270	206-44-0	T	Fluoranthene	990	U	990	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8270	86-73-7	T	Fluorene	990	U	990	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8081	58-89-9	T	gamma-BHC (Lindane)	5	U	5	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8081	5103-74-2	T	gamma-Chlordane	5	U	5	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8081	76-44-8	T	Heptachlor	5	U	5	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8081	1024-57-3	T	Heptachlor Epoxide	5	U	5	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	30	U	30	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8270	118-74-1	T	Hexachlorobenzene	990	U	990	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	680	C-HEXACHLORO	T	Hexachlorobiphenyl	20	U	20	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	990	U	990	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	990	U	990	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8270	67-72-1	T	Hexachloroethane	990	U	990	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	990	U	990	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	6010	7439-89-6	T	Iron	230	J	0.05	mg/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8270	78-59-1	T	Isophorone	990	U	990	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	6010	7439-92-1	T	Lead	0.47	U	0.47	mg/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	6010	7439-95-4	T	Magnesium	77		47	mg/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	6010	7439-96-5	T	Manganese	590		0.91	mg/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	2000	U	2000	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8151	93-65-2	T	MCPP	3200		2000	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	7471	7439-97-6	T	Mercury	0.019	U	0.019	mg/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8081	72-43-5	T	Methoxychlor	50	UJ	50	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	10	U	10	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8270	91-20-3	T	Naphthalene	990	U	990	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	6010	7440-02-0	T	Nickel	0.97		3.5	mg/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8270	98-95-3	T	Nitrobenzene	990	U	990	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	990	U	990	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	990	U	990	ug/kg
R2BM1S	Clam-R2BM1S	02/06/2003	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	50	U	50	ug/kg
R2BM1S	Clam-R2BM1S	02/06/03	Field Sample	8290	3268-87-9	T	OCDD	1.3	U	1.3	ppb
R2BM1S	Clam-R2BM1S	02/06/03	Field Sample	8290	39001-02-0	T	OCDF	0.15	U	0.15	ppb

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	C-OCTA-BIPHE	T	Octachlorobiphenyl	20	U	20	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	106-47-8	T	P-Chloroaniline	2000	U	2000	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	C-PENTABIPHEN	T	Pentachlorobiphenyl	20	U	20	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	87-86-5	T	Pentachlorophenol	17	U	17	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	87-86-5	T	Pentachlorophenol	5000	U	5000	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	CH7	T	Percent Lipids	2.5		1	%
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	85-01-8	T	Phenanthrene	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	108-95-2	T	Phenol	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	100-01-6	T	P-Nitroaniline	5000	U	5000	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	7440-09-7	T	Potassium	94	J	94	mg/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	129-00-0	T	Pyrene	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	7782-49-2	T	Selenium	0.94	U	0.94	mg/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	7440-22-4	T	Silver	0.94	U	0.94	mg/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	7440-23-5	T	Sodium	2300		40	mg/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	C-TETRACHLOR	T	Tetrachlorobiphenyl	20	U	20	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	7440-28-0	T	Thallium	0.94	U	0.94	mg/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	37871-00-4	T	Total HpCDD	0.21	U	0.21	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	38998-75-3	T	Total HpCDF	0.12	U	0.12	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	34465-46-8	T	Total HxCDD	0.15	U	0.15	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	55684-94-1	T	Total HxCDF	0.1	U	0.1	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	36088-22-9	T	Total PeCDD	0.27	U	0.27	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	30402-15-4	T	Total PeCDF	0.24	U	0.24	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	41903-57-5	T	Total TCDD	0.1	U	0.1	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	55722-27-5	T	Total TCDF	0.81	U	0.81	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	8001-35-2	T	Toxaphene	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	C-TRICHLOROB	T	Trichlorobiphenyl	10	U	10	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	7440-62-2	T	Vanadium	1.2		0.05	mg/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	7440-66-6	T	Zinc	4.4		0.05	mg/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	35822-46-9	T	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	0.32	U	0.32	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	67562-39-4	T	1,2,3,4,6,7,8-HpCDF	0.12	U	0.12	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	55673-89-7	T	1,2,3,4,7,8,9-HpCDF	0.15	U	0.15	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	39227-28-6	T	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.18	U	0.18	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	70648-26-9	T	1,2,3,4,7,8-HxCDF	0.08	U	0.08	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	57653-85-7	T	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	0.17	U	0.17	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	57117-44-9	T	1,2,3,6,7,8-HxCDF	0.071	U	0.071	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	19408-74-3	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.17	U	0.17	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	72918-21-9	T	1,2,3,7,8,9-HxCDF	[illegible]	[illegible]	[illegible]	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	57117-41-6	T	1,2,3,7,8-Pentachlorodibenzofuran	0.23	U	0.23	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	40321-76-4	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.3	U	0.3	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	120-82-1	T	1,2,4-Trichlorobenzene	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	95-50-1	T	1,2-Dichlorobenzene	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	541-73-1	T	1,3-Dichlorobenzene	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	106-46-7	T	1,4-Dichlorobenzene	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl-ether)	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	60851-34-5	T	2,3,4,6,7,8-HxCDF	[illegible]	U	[illegible]	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	57117-31-4	T	2,3,4,7,8-PeCDF	0.23	U	0.23	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	1746-01-6	T	2,3,7,8-TCDD	0.13	U	0.13	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	51207-31-9	T	2,3,7,8-Tetrachlorodibenzofuran	0.2	U	0.2	pg/g
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	93-76-5	T	2,4,5-T	8.3	U	8.3	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	93-72-1	T	2,4,5-TP (Silvex)	8.3	U	8.3	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	95-95-4	T	2,4,5-Trichlorophenol	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	88-06-2	T	2,4,6-Trichlorophenol	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	94-75-7	T	2,4-D	8.3	U	8.3	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	94-82-6	T	2,4-DB	8.3	U	8.3	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	120-83-2	T	2,4-Dichlorophenol	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	105-67-9	T	2,4-Dimethylphenol	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	51-28-5	T	2,4-Dinitrophenol	5000	U	5000	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	121-14-2	T	2,4-Dinitrotoluene	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	606-20-2	T	2,6-Dinitrotoluene	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	91-58-7	T	2-Chloronaphthalene	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	95-57-8	T	2-Chlorophenol	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	91-57-6	T	2-Methylnaphthalene	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	95-48-7	T	2-Methylphenol (o-Cresol)	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	88-74-4	T	2-Nitroaniline	5000	U	5000	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	88-75-5	T	2-Nitrophenol	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	91-94-1	T	3,3'-Dichlorobenzidine	2000	U	2000	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	108-39-4	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	99-09-2	T	3-Nitroaniline	5000	U	5000	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	72-54-8	T	4,4'-DDD	10	UJ	10	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	72-55-9	T	4,4'-DDE	6.3	J	10	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	50-29-3	T	4,4'-DDT	10	U	10	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	534-52-1	T	4,6-Dinitro-2-methylphenol	5000	U	5000	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	101-55-3	T	4-Bromophenyl Phenyl Ether	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	59-50-7	T	4-Chloro-3-methylphenol	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	7005-72-3	T	4-Chlorophenyl Phenyl Ether	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	100-02-7	T	4-Nitrophenol	5000	U	5000	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	83-32-9	T	Acenaphthene	500	U	500	ug/kg
[illegible]	Clam-[illegible]	[illegible]	Field Sample	[illegible]	208-96-8	T	Acenaphthylene	500	U	500	ug/kg

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8081	309-00-2	T	Aldrin	5	U	5	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8081	319-84-6	T	alpha-BHC	5	U	5	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8081	5103-71-9	T	alpha-Chlordane	5	U	5	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	6010	7429-90-5	T	Aluminum	30		20	mg/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8270	120-12-7	T	Anthracene	990	U	990	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	6010	7440-36-0	T	Antimony	1.9	U	1.9	mg/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	6010	7440-38-2	T	Arsenic	1.2		0.85	mg/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	6010	7440-39-3	T	Barium	110		0.91	mg/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	990	U	990	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	990	U	990	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	990	U	990	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8270	191-24-2	T	Benzo(g,h,i)perylene	990	U	990	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	990	U	990	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	990	U	990	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	6010	7440-41-7	T	Beryllium	0.38	U	0.38	mg/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8081	319-85-7	T	beta-BHC	5	U	5	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	990	U	990	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	990	U	990	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	990	U	990	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	6010	7440-43-9	T	Cadmium	0.47	U	0.47	mg/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8270	86-74-8	T	Carbazole	990	U	990	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	6010	7440-47-3	T	Chromium	3.9		0.85	mg/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8270	218-01-9	T	Chrysene	990	U	990	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	6010	7440-48-4	T	Cobalt	0.49		0.85	mg/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	6010	7440-50-8	T	Copper	5.5		0.01	mg/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8151	75-99-0	T	Dalapon	2000	U	2000	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	680	2051-24-3	T	Decachlorobiphenyl	50	U	50	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8081	319-86-8	T	delta-BHC	5	U	5	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8270	53-70-3	T	Dibenzo(a,h)anthracene	990	U	990	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8270	132-64-9	T	Dibenzofuran	990	U	990	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8151	1918-00-9	T	Dicamba	20	U	20	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	680	C-DICHLOROBI	T	Dichlorobiphenyl	10	U	10	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8151	120-36-5	T	Dichloprop	100	U	100	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8081	60-57-1	T	Dieldrin	10	U	10	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8270	84-66-2	T	Diethyl Phthalate	990	U	990	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	990	U	990	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8270	84-74-2	T	Di-n-butylphthalate	990	U	990	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8270	117-84-0	T	Di-n-octylphthalate	990	U	990	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8270	88-85-7	T	Dinoseb	990	U	990	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8081	959-98-8	T	Endosulfan I	5	U	5	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8081	33213-65-9	T	Endosulfan II	10	U	10	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8081	1031-07-8	T	Endosulfan Sulfate	10	U	10	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8081	72-20-8	T	Endrin	10	U	10	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8081	7421-93-4	T	Endrin Aldehyde	10	U	10	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8081	53494-70-5	T	Endrin Ketone	10	U	10	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8270	206-44-0	T	Fluoranthene	990	U	990	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8270	86-73-7	T	Fluorene	990	U	990	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8081	58-89-9	T	gamma-BHC (Lindane)	5	U	5	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8081	5103-74-2	T	gamma-Chlordane	5	U	5	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8081	76-44-8	T	Heptachlor	5	U	5	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8081	1024-57-3	T	Heptachlor Epoxide	5	U	5	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	30	U	30	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8270	118-74-1	T	Hexachlorobenzene	990	U	990	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	680	C-HEXACHLORO	T	Hexachlorobiphenyl	20	U	20	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	990	U	990	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	990	U	990	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8270	67-72-1	T	Hexachloroethane	990	U	990	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	990	U	990	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	6010	7439-89-6	T	Iron	220	J	0.05	mg/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8270	78-59-1	T	Isophorone	990	U	990	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	6010	7439-92-1	T	Lead	0.47	U	0.47	mg/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	6010	7439-95-4	T	Magnesium	75		47	mg/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	6010	7439-96-5	T	Manganese	380		0.91	mg/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8151	94-74-6	T	MCPA (3-Methyl-4-Chlorophenoxyacetic Acid)	2000	U	2000	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8151	93-65-2	T	MCPP	1600	J	2000	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	7471	7439-97-6	T	Mercury	0.019	U	0.019	mg/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8081	72-43-5	T	Methoxychlor	50	UJ	50	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	10	U	10	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8270	91-20-3	T	Naphthalene	990	U	990	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	6010	7440-02-0	T	Nickel	1		3.5	mg/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8270	98-95-3	T	Nitrobenzene	990	U	990	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	990	U	990	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	990	U	990	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	50	U	50	ug/kg
R2BU1S	Clam-R2BU1S	02/06/03	Field Sample	8290	3268-87-9	T	OCDD	2	U	2	pg/g
R2BU1S	Clam-R2BU1S	02/06/03	Field Sample	8290	39001-02-0	T	OCDF	0.2	U	0.2	pg/g
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	30	U	30	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	8270	106-47-8	T	P-Chloroaniline	2000	U	2000	ug/kg
R2BU1S	Clam-R2BU1S	02/06/2003	Field Sample	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	20	U	20	ug/kg

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Standard	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Pentachlorophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Pentachlorophenol	17	U	17	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Percent Lipids	2.1		1	%
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Phenanthrene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Phenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Nitroaniline	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Naphthalene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Pyrene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Selenium	0.04	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Silver	0.04	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Sodium	[illegible]		[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-TETRACHLOR	T	Tetrachlorophenol	20	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Thallium	0.04	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HpCDD	0.22	U	[illegible]	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HpCDF	0.15	U	[illegible]	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HxCDD	0.19	U	[illegible]	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HxCDF	[illegible]	U	[illegible]	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total PeCDD	0.35	U	[illegible]	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total PeCDF	0.41	U	[illegible]	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total TCDD	0.13	U	[illegible]	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total TCDF	1.6	U	1.6	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Toxaphene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-TRICHLOROB	T	Trichlorobenzene	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Vanadium	0.04	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Zinc	4.8		[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,6,7,8-HpCDD	0.35	U	0.35	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,6,7,8-HpCDF	0.11	U	0.11	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8,9-HpCDF	0.13	U	0.13	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8-HxCDD	0.17	U	0.17	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8-HxCDF	0.1	U	0.1	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,6,7,8-HxCDD	0.15	U	0.15	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,6,7,8-HxCDF	[illegible]	U	[illegible]	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8,9-HxCDD	0.15	U	0.15	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8,9-HxCDF	0.12	U	0.12	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8-PeCDD	0.23	U	0.23	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8-PeCDF	0.31	U	0.31	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,4-Trichlorobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,3-Dichlorobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,3-Dichlorobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,4-Dichlorobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,4,6,7,8-HxCDF	0.11	U	0.11	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,4,7,8-PeCDF	0.23	U	0.23	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,7,8-TCDD	0.11	U	0.11	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,7,8-Tetrachlorodibenzofuran	0.17	U	0.17	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,5-T	0.3	U	0.3	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,5-TP (Silvex)	0.3	U	0.3	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,5-Trichlorophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,6-Trichlorophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-D	0.3	U	0.3	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-DB	0.3	U	0.3	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dichlorophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dimethylphenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dinitrophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dinitrotoluene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,6-Dinitrotoluene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Chloronaphthalene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Chlorophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Methylnaphthalene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Methylphenol (o-Cresol)	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Nitroaniline	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Nitrophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3,3'-Dichlorobenzidine	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3-Methylphenol/4-Methylphenol (m/p-Cresol)	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3-Nitroaniline	[illegible]	C	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,4'-DDD	10	UJ	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,4'-DDE	7.1	J	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,4'-DDT	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,6-Dinitro-2-methylphenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Bromophenyl Phenyl Ether	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Chloro-3-methylphenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Chlorophenyl Phenyl Ether	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Nitrophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Acenaphthene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Acenaphthylene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Aldrin	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Alpha-BHC	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Alpha-Chlordane	5	U	5	ug/kg

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	6010	7429-90-5	T	Aluminum	70		20	mg/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8270	120-12-7	T	Anthracene	990	U	990	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	6010	7440-36-0	T	Antimony	1.9	U	1.9	mg/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	6010	7440-38-2	T	Arsenic	2.2		0.85	mg/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	6010	7440-39-3	T	Barium	190		0.91	mg/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	990	U	990	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	990	U	990	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	990	U	990	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8270	191-24-2	T	Benzo(g,h,i)perylene	990	U	990	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	990	U	990	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	990	U	990	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	6010	7440-41-7	T	Beryllium	0.38	U	0.38	mg/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8081	319-85-7	T	beta-BHC	5	U	5	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	990	U	990	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	990	U	990	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	990	U	990	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	6010	7440-43-9	T	Cadmium	0.46	U	0.46	mg/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8270	86-74-8	T	Carbazole	990	U	990	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	6010	7440-47-3	T	Chromium	3.2		0.85	mg/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8270	218-01-9	T	Chrysene	990	U	990	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	6010	7440-48-4	T	Cobalt	1.4		0.85	mg/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	6010	7440-50-8	T	Copper	4.9		0.01	mg/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8151	75-99-0	T	Dalapon	2000	U	2000	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	680	2051-24-3	T	Decachlorobiphenyl	50	U	50	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8081	319-86-8	T	delta-BHC	5	U	5	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8270	53-70-3	T	Dibenzo(a,h)anthracene	990	U	990	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8270	132-64-9	T	Dibenzofuran	990	U	990	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8151	1918-00-9	T	Dicamba	20	U	20	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	680	C-DICHLOROBI	T	Dichlorobiphenyl	10	U	10	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8151	120-36-5	T	Dichlorprop	100	U	100	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8081	60-57-1	T	Dieldrin	10	U	10	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8270	84-66-2	T	Diethyl Phthalate	990	U	990	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	990	U	990	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8270	84-74-2	T	Di-n-butylphthalate	990	U	990	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8270	117-84-0	T	Di-n-octylphthalate	990	U	990	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8270	88-85-7	T	Dinoseb	990	U	990	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8081	959-98-8	T	Endosulfan I	5	U	5	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8081	33213-65-9	T	Endosulfan II	10	U	10	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8081	1031-07-8	T	Endosulfan Sulfate	10	U	10	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8081	72-20-8	T	Endrin	10	U	10	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8081	7421-93-4	T	Endrin Aldehyde	10	U	10	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8081	53494-70-5	T	Endrin Ketone	10	U	10	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8270	206-44-0	T	Fluoranthene	990	U	990	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8270	86-73-7	T	Fluorene	990	U	990	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8081	58-89-9	T	gamma-BHC (Lindane)	5	U	5	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8081	5103-74-2	T	gamma-Chlordane	5	U	5	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8081	76-44-8	T	Heptachlor	5	U	5	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8081	1024-57-3	T	Heptachlor Epoxide	5	U	5	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	30	U	30	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8270	118-74-1	T	Hexachlorobenzene	990	U	990	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	680	C-HEXACHLORO	T	Hexachlorobiphenyl	20	U	20	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	990	U	990	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	990	U	990	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8270	67-72-1	T	Hexachloroethane	990	U	990	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	990	U	990	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	6010	7439-89-6	T	Iron	400	J	0.05	mg/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8270	78-59-1	T	Isophorone	990	U	990	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	6010	7439-92-1	T	Lead	0.46	U	0.46	mg/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	6010	7439-95-4	T	Magnesium	84		47	mg/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	6010	7439-96-5	T	Manganese	1300		0.91	mg/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	2000	U	2000	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8151	93-65-2	T	MCPP	7800		2000	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	7471	7439-97-6	T	Mercury	0.017	U	0.017	mg/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8081	72-43-5	T	Methoxychlor	50	UJ	50	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	10	U	10	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8270	91-20-3	T	Naphthalene	990	U	990	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	6010	7440-02-0	T	Nickel	2		3.5	mg/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8270	98-95-3	T	Nitrobenzene	990	U	990	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	990	U	990	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	990	U	990	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	50	U	50	ug/kg
R2CM1S	Clam-R2CM1S	02/06/03	Field Sample	8290	3268-87-9	T	OCDD	1.7	U	1.7	pg/g
R2CM1S	Clam-R2CM1S	02/06/03	Field Sample	8290	39001-02-0	T	OCDF	0.18	U	0.18	pg/g
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	30	U	30	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8270	106-47-8	T	P-Chloroaniline	2000	U	2000	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	20	U	20	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8151	87-86-5	T	Pentachlorophenol	17	U	17	ug/kg
R2CM1S	Clam-R2CM1S	02/06/2003	Field Sample	8270	87-86-5	T	Pentachlorophenol	5100	U	5100	ug/kg
R2CM1S	Clam-R2CM1S	02/06/03	Field Sample	8290	Q847	T	Percent Lipids	3.5		1	%

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	85-01-8	T	Phenanthrene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	108-95-2	T	Phenol	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	100-01-6	T	P-Nitroaniline	2400	U	2400	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-09-7	T	Potassium	130	J	94	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	129-00-0	T	Pyrene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7782-49-2	T	Selenium	0.55	U	0.55	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-22-4	T	Silver	0.55	U	0.55	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-23-5	T	Sodium	280		40	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-TETRACHLOR	T	Tetrachlorobiphenyl	20	U	20	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-28-0	T	Thallium	0.65	U	0.65	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	37871-00-4	T	Total HpCDD	0.39	U	0.39	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	38998-75-3	T	Total HpCDF	0.13	U	0.13	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	34465-46-8	T	Total HxCDD	0.17	U	0.17	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	55684-94-1	T	Total HxCDF	0.15	U	0.15	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	36088-22-9	T	Total PeCDD	0.31	U	0.31	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	30402-15-4	T	Total PeCDF	0.35	U	0.35	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	41903-57-5	T	Total TCDD	0.11	U	0.11	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	55722-27-5	T	Total TCDF	1.5	U	1.5	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	8001-35-2	T	Toxaphene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-TRICHLOROB	T	Trichlorobiphenyl	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-62-2	T	Vanadium	1.7		0.82	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-66-6	T	Zinc	43		0.82	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	35822-46-9	T	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	0.39	U	0.39	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	67562-39-4	T	1,2,3,4,6,7,8-HpCDF	0.19	U	0.19	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	55673-89-7	T	1,2,3,4,7,8,9-HpCDF	0.29	U	0.29	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	39227-28-6	T	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.31	U	0.31	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	70648-26-9	T	1,2,3,4,7,8-HxCDF	0.16	U	0.16	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	57653-85-7	T	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	0.32	U	0.32	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	57117-44-9	T	1,2,3,6,7,8-HxCDF	0.14	U	0.14	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	19408-74-3	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.2	U	0.2	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	72918-21-9	T	1,2,3,7,8,9-HxCDF	0.15	U	0.15	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	57117-41-6	T	1,2,3,7,8-Pentachlorodibenzofuran	0.18	U	0.18	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	40321-76-4	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.29	U	0.29	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	120-82-1	T	1,2,4-Trichlorobenzene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	95-50-1	T	1,2-Dichlorobenzene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	541-73-1	T	1,3-Dichlorobenzene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	106-46-7	T	1,4-Dichlorobenzene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	60851-34-5	T	2,3,4,6,7,8-HxCDF	0.17	U	0.17	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	57117-31-4	T	2,3,4,7,8-PeCDF	0.15	U	0.15	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	1746-01-6	T	2,3,7,8-TCDD	0.13	U	0.13	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	51207-31-9	T	2,3,7,8-Tetrachlorodibenzofuran	0.2	U	0.2	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	93-76-5	T	2,4,5-T	8.3	U	8.3	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	93-72-1	T	2,4,5-TP (Silvex)	8.3	U	8.3	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	95-95-4	T	2,4,5-Trichlorophenol	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	88-06-2	T	2,4,6-Trichlorophenol	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	94-75-7	T	2,4-D	83	U	83	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	94-82-6	T	2,4-DB	83	U	83	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	120-83-2	T	2,4-Dichlorophenol	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	105-67-9	T	2,4-Dimethylphenol	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	51-28-5	T	2,4-Dinitrophenol	2400	U	2400	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	121-14-2	T	2,4-Dinitrotoluene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	606-20-2	T	2,6-Dinitrotoluene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	91-58-7	T	2-Chloronaphthalene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	95-57-8	T	2-Chlorophenol	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	91-57-6	T	2-Methylnaphthalene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	95-48-7	T	2-Methylphenol (o-Cresol)	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	88-74-4	T	2-Nitroaniline	2400	U	2400	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	88-75-5	T	2-Nitrophenol	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	91-94-1	T	3,3'-Dichlorobenzidine	2000	U	2000	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	99-09-2	T	3-Nitroaniline	2400	U	2400	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	72-54-8	T	4,4'-DDD	10	UJ	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	72-55-9	T	4,4'-DDE	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	50-29-3	T	4,4'-DDT	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	534-52-1	T	4,6-Dinitro-2-methylphenol	2400	U	2400	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	101-55-3	T	4-Bromophenyl Phenyl Ether	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	59-50-7	T	4-Chloro-3-methylphenol	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7005-72-3	T	4-Chlorophenyl Phenyl Ether	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	100-02-7	T	4-Nitrophenol	2400	U	2400	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	83-32-9	T	Acenaphthene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	208-96-8	T	Acenaphthylene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	309-00-2	T	Aldrin	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	319-84-6	T	alpha-BHC	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	5103-71-9	T	alpha-Chlordane	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7429-90-5	T	Aluminum	13	J	2	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	120-12-7	T	Anthracene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-36-0	T	Antimony	1.7	U	1.7	mg/kg

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	6010	7440-38-2	T	Arsenic	1.1		0.85	mg/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	6010	7440-39-3	T	Barium	61		0.91	mg/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	990	U	990	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	990	U	990	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	990	U	990	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8270	191-24-2	T	Benzo(g,h,i)perylene	990	U	990	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	990	U	990	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	990	U	990	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	6010	7440-41-7	T	Beryllium	0.34	U	0.34	mg/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8081	319-85-7	T	beta-BHC	5	U	5	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	990	U	990	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	990	U	990	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	260	J	990	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	6010	7440-43-9	T	Cadmium	0.43	U	0.43	mg/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8270	86-74-8	T	Carbazole	990	U	990	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	6010	7440-47-3	T	Chromium	4.8		0.85	mg/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8270	218-01-9	T	Chrysene	990	U	990	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	6010	7440-48-4	T	Cobalt	0.14		0.85	mg/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	6010	7440-50-8	T	Copper	4.1		0.01	mg/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8151	75-99-0	T	Dalapon	2000	U	2000	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	680	2051-24-3	T	Decachlorobiphenyl	50	U	50	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8081	319-86-8	T	delta-BHC	5	U	5	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8270	53-70-3	T	Dibenzo(a,h)anthracene	990	U	990	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8270	132-64-9	T	Dibenzofuran	990	U	990	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8151	1918-00-9	T	Dicamba	20	U	20	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	680	C-DICHLOROBI	T	Dichlorobiphenyl	10	U	10	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8151	120-36-5	T	Dichlorprop	100	U	100	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8081	60-57-1	T	Dieldrin	10	U	10	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8270	84-66-2	T	Diethyl Phthalate	990	U	990	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	990	U	990	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8270	84-74-2	T	Di-n-butylphthalate	990	U	990	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8270	117-84-0	T	Di-n-octylphthalate	990	U	990	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8270	88-85-7	T	Dinoseb	990	U	990	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8081	959-98-8	T	Endosulfan I	5	U	5	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8081	33213-65-9	T	Endosulfan II	10	U	10	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8081	1031-07-8	T	Endosulfan Sulfate	10	U	10	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8081	72-20-8	T	Endrin	10	U	10	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8081	7421-93-4	T	Endrin Aldehyde	10	U	10	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8081	53494-70-5	T	Endrin Ketone	10	U	10	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8270	206-44-0	T	Fluoranthene	990	U	990	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8270	86-73-7	T	Fluorene	990	U	990	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8081	58-89-9	T	gamma-BHC (Lindane)	5	U	5	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8081	5103-74-2	T	gamma-Chlordane	5	U	5	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8081	76-44-8	T	Heptachlor	5	U	5	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8081	1024-57-3	T	Heptachlor Epoxide	5	U	5	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	30	U	30	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8270	118-74-1	T	Hexachlorobenzene	990	U	990	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	680	C-HEXACHLORO	T	Hexachlorobiphenyl	20	U	20	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	990	U	990	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	990	U	990	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8270	67-72-1	T	Hexachloroethane	990	U	990	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	990	U	990	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	6010	7439-89-6	T	Iron	160	J	0.05	mg/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8270	78-59-1	T	Isophorone	990	U	990	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	6010	7439-92-1	T	Lead	0.43	U	0.43	mg/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	6010	7439-95-4	T	Magnesium	47		47	mg/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	6010	7439-96-5	T	Manganese	40		0.91	mg/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	2000	U	2000	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8151	93-65-2	T	MCPP	680	J	2000	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	7471	7439-97-6	T	Mercury	0.0044		0.017	mg/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8081	72-43-5	T	Methoxychlor	50	UJ	50	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	10	U	10	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8270	91-20-3	T	Naphthalene	990	U	990	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	6010	7440-02-0	T	Nickel	0.38		3.5	mg/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8270	98-95-3	T	Nitrobenzene	990	U	990	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	990	U	990	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	990	U	990	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	50	U	50	ug/kg
R3AD1S	Clam-R3AD1S	02/06/03	Field Sample	8290	3268-87-9	T	OCDD	4.3	U	4.3	ppb
R3AD1S	Clam-R3AD1S	02/06/03	Field Sample	8290	39001-02-0	T	OCDF	0.35	U	0.35	ppb
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	30	U	30	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8270	106-47-8	T	P-Chloroaniline	2000	U	2000	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	20	U	20	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8151	87-86-5	T	Pentachlorophenol	17	U	17	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8270	87-86-5	T	Pentachlorophenol	5100	U	5100	ug/kg
R3AD1S	Clam-R3AD1S	02/06/03	Field Sample	8290	Q847	T	Percent Lipids	3.2		1	%
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8270	85-01-8	T	Phenanthrene	990	U	990	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8270	108-95-2	T	Phenol	990	U	990	ug/kg
R3AD1S	Clam-R3AD1S	02/06/2003	Field Sample	8270	100-01-6	T	P-Nitroaniline	5100	U	5100	ug/kg

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Standard	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Potassium	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Pyrene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Selenium	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Silver	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Sodium	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-TETRACLOR	T	Tetrachlorobiphenyl	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Thallium	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HpCDD	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HpCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HxCDD	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HxCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total PeCDD	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total PeCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total TCDD	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total TCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Toxaphene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-TRICHLORO	T	Trichlorobiphenyl	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Vanadium	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Zinc	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,6,7,8-HpCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8,9-HpCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8-HxCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,6,7,8-HxCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8,9-HxCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8-Pentachlorodibenzofuran	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,4-Trichlorobenzene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2-Dichlorobenzene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,3-Dichlorobenzene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,4-Dichlorobenzene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,4,6,7,8-HxCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,4,7,8-PeCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,7,8-TCDD	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,7,8-Tetrachlorodibenzofuran	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,5-T	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,5-TP (Silvex)	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,6-Trichlorophenol	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,6-Trichlorophenol	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-D	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-DB	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dichlorophenol	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dimethylphenol	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dinitrophenol	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dinitrotoluene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,6-Dinitrotoluene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Chloronaphthalene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Chlorophenol	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Methylnaphthalene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Methylphenol (o-Cresol)	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Nitroaniline	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Nitrophenol	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3,3'-Dichlorobenzidine	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3-Methylphenol/4-Methylphenol (m/p-Cresol)	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3-Nitroaniline	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,6-DDD	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,6-DDE	[illegible]	J	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,6-DDT	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,6-Dinitro-2-methylphenol	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Bromophenyl Phenyl Ether	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Chloro-3-methylphenol	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Chlorophenyl Phenyl Ether	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Nitrophenol	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Acenaphthene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Acenaphthylene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Alpha	5	U	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	alpha-BHC	5	U	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	alpha-Chlordane	5	U	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Aluminum	[illegible]	J	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Anthracene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Antimony	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Arsenic	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Barium	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo(a)anthracene	[illegible]	U	[illegible]	[illegible]

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	990	U	990	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	990	U	990	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8270	191-24-2	T	Benzo(g,h,i)perylene	990	U	990	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	990	U	990	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	990	U	990	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	6010	7440-41-7	T	Beryllium	0.36	U	0.36	mg/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8081	319-85-7	T	beta-BHC	5	U	5	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	990	U	990	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	990	U	990	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	990	U	990	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	6010	7440-43-9	T	Cadmium	0.45	U	0.45	mg/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8270	86-74-8	T	Carbazole	990	U	990	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	6010	7440-47-3	T	Chromium	5.8		0.85	mg/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8270	218-01-9	T	Chrysene	990	U	990	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	6010	7440-48-4	T	Cobalt	0.9	U	0.9	mg/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	6010	7440-50-8	T	Copper	4.6		0.01	mg/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8151	75-99-0	T	Dalapon	2000	U	2000	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	680	2051-24-3	T	Decachlorobiphenyl	50	U	50	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8081	319-86-8	T	delta-BHC	5	U	5	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8270	53-70-3	T	Dibenzo(a,h)anthracene	990	U	990	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8270	132-64-9	T	Dibenzofuran	990	U	990	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8151	1918-00-9	T	Dicamba	20	U	20	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	680	C-DICHLOROBI	T	Dichlorobiphenyl	10	U	10	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8151	120-36-5	T	Dichloprop	100	U	100	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8081	60-57-1	T	Dieldrin	10	U	10	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8270	84-66-2	T	Diethyl Phthalate	990	U	990	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	990	U	990	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8270	84-74-2	T	Di-n-butylphthalate	990	U	990	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8270	117-84-0	T	Di-n-octylphthalate	990	U	990	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8270	88-85-7	T	Dinoseb	990	U	990	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8081	959-98-8	T	Endosulfan I	5	U	5	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8081	33213-65-9	T	Endosulfan II	10	U	10	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8081	1031-07-8	T	Endosulfan Sulfate	10	U	10	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8081	72-20-8	T	Endrin	10	U	10	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8081	7421-93-4	T	Endrin Aldehyde	10	U	10	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8081	53494-70-5	T	Endrin Ketone	10	U	10	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8270	206-44-0	T	Fluoranthene	990	U	990	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8270	86-73-7	T	Fluorene	990	U	990	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8081	58-89-9	T	gamma-BHC (Lindane)	5	U	5	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8081	5103-74-2	T	gamma-Chlordane	5	U	5	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8081	76-44-8	T	Heptachlor	5	U	5	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8081	1024-57-3	T	Heptachlor Epoxide	5	U	5	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	30	U	30	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8270	118-74-1	T	Hexachlorobenzene	990	U	990	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	680	C-HEXACHLORO	T	Hexachlorobiphenyl	20	U	20	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	990	U	990	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	990	U	990	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8270	67-72-1	T	Hexachloroethane	990	U	990	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	990	U	990	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	6010	7439-89-6	T	Iron	270	J	0.05	mg/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8270	78-59-1	T	Isophorone	990	U	990	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	6010	7439-92-1	T	Lead	0.45	U	0.45	mg/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	6010	7439-95-4	T	Magnesium	42		47	mg/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	6010	7439-96-5	T	Manganese	27		0.91	mg/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	2000	U	2000	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8151	93-65-2	T	MCPP	2000	U	2000	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	7471	7439-97-6	T	Mercury	0.0049	J	0.017	mg/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8081	72-43-5	T	Methoxychlor	80	U	80	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	10	U	10	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8270	91-20-3	T	Naphthalene	990	U	990	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	6010	7440-02-0	T	Nickel	1.7		3.5	mg/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8270	98-95-3	T	Nitrobenzene	990	U	990	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	990	U	990	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	990	U	990	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	50	U	50	ug/kg
R3AM1S	Clam-R3AM1S	02/06/03	Field Sample	8290	3268-87-9	T	OCDD	4.2	U	4.2	pg/g
R3AM1S	Clam-R3AM1S	02/06/03	Field Sample	8290	39001-02-0	T	OCDF	2.4	U	2.4	pg/g
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	30	U	30	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8270	106-47-8	T	P-Chloroaniline	2000	U	2000	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	20	U	20	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8270	87-86-5	T	Pentachlorophenol	5100	U	5100	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8151	87-86-5	T	Pentachlorophenol	17	U	17	ug/kg
R3AM1S	Clam-R3AM1S	02/06/03	Field Sample	8290	QB47	T	Percent Lipids	2.6		1	%
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8270	85-01-8	T	Phenanthrene	990	U	990	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8270	108-95-2	T	Phenol	990	U	990	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8270	100-01-6	T	P-Nitroaniline	5100	U	5100	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	6010	7440-09-7	T	Potassium	79		94	mg/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	8270	129-00-0	T	Pyrene	990	U	990	ug/kg
R3AM1S	Clam-R3AM1S	02/06/2003	Field Sample	6010	7782-49-2	T	Selenium	0.9	U	0.9	mg/kg

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Silver	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Sodium	[illegible]	J	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-TETRACHLOR	T	Tetrachlorobiphenyl	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Thallium	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HpCDD	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HpCDF	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HxCDD	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HxCDF	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total PeCDD	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total PeCDF	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total TCDD	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total TCDF	[illegible]		[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Toxaphene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-TRICHLORB	T	Trichlorobiphenyl	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Vanadium	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Zinc	[illegible]	J	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,6,7,8-HpCDF	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8,9-HpCDF	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8-HxCDF	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,6,7,8-HxCDF	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8,9-HxCDF	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8-Pentachlorodibenzofuran	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,4-Trichlorobenzene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2-Dichlorobenzene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,3-Dichlorobenzene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,4-Dichlorobenzene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,4,6,7,8-HxCDF	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,4,7,8-PeCDF	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,7,8-TCDD	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,7,8-Tetrachlorodibenzofuran	[illegible]	U	[illegible]	ng/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,5-T	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,5-TP (Silvex)	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,5-Trichlorophenol	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,6-Trichlorophenol	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-D	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-DB	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dichlorophenol	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dimethylphenol	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dinitrophenol	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dinitrotoluene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,6-Dinitrotoluene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Chloronaphthalene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Chlorophenol	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Methylnaphthalene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Methylphenol (o-Cresol)	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Nitroaniline	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Nitrophenol	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3,3'-Dichlorobenzidine	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3-Nitroaniline	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,4'-DDD	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,4'-DDE	4.7	J	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,4'-DDT	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,6-Dinitro-2-methylphenol	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Bromophenyl Phenyl Ether	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Chloro-3-methylphenol	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Chlorophenyl Phenyl Ether	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Nitrophenol	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Acenaphthene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Acenaphthylene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	alpha	5	U	5	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	alpha-BHC	5	U	5	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	alpha-Chlordane	5	U	5	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Aluminum	[illegible]	J	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Anthracene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Antimony	1.5	U	1.5	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Arsenic	4.4		[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Barium	[illegible]		[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo[a]anthracene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo[a]pyrene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo[b]fluoranthene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo[g,h,i]perylene	[illegible]	U	[illegible]	ug/g

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	990	U	990	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	990	U	990	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	6010	7440-41-7	T	Beryllium	0.35	U	0.35	mg/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8081	319-85-7	T	beta-BHC	5	U	5	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	990	U	990	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	990	U	990	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	990	U	990	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	6010	7440-43-9	T	Cadmium	0.44	U	0.44	mg/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8270	86-74-8	T	Carbazole	990	U	990	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	6010	7440-47-3	T	Chromium	1.9		0.85	mg/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8270	218-01-9	T	Chrysene	990	U	990	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	6010	7440-48-4	T	Cobalt	0.99		0.85	mg/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	6010	7440-50-8	T	Copper	2.9		0.01	mg/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8151	75-99-0	T	Dalapon	2000	U	2000	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	680	2051-24-3	T	Decachlorobiphenyl	50	U	50	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8081	319-86-8	T	delta-BHC	5	U	5	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8270	53-70-3	T	Dibenzo(a,h)anthracene	990	U	990	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8270	132-64-9	T	Dibenzofuran	990	U	990	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8151	1918-00-9	T	Dicamba	20	U	20	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	680	C-DICHLOROBI	T	Dichlorobiphenyl	10	U	10	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8151	120-36-5	T	Dichloprop	4.2	J	100	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8081	60-57-1	T	Dieldrin	10	U	10	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8270	84-66-2	T	Diethyl Phthalate	990	U	990	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	990	U	990	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8270	84-74-2	T	Di-n-butylphthalate	990	U	990	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8270	117-84-0	T	Di-n-octylphthalate	990	U	990	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8270	88-85-7	T	Dinoseb	990	U	990	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8081	959-98-8	T	Endosulfan I	5	U	5	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8081	33213-65-9	T	Endosulfan II	10	U	10	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8081	1031-07-8	T	Endosulfan Sulfate	10	U	10	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8081	72-20-8	T	Endrin	10	U	10	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8081	7421-93-4	T	Endrin Aldehyde	10	U	10	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8081	53494-70-5	T	Endrin Ketone	10	U	10	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8270	206-44-0	T	Fluoranthene	990	U	990	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8270	86-73-7	T	Fluorene	990	U	990	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8081	58-89-9	T	gamma-BHC (Lindane)	5	U	5	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8081	5103-74-2	T	gamma-Chlordane	5	U	5	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8081	76-44-8	T	Heptachlor	5	U	5	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8081	1024-57-3	T	Heptachlor Epoxide	5	U	5	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	30	U	30	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8270	118-74-1	T	Hexachlorobenzene	990	U	990	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	680	C-HEXACHLORO	T	Hexachlorobiphenyl	20	U	20	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	990	U	990	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	990	U	990	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8270	67-72-1	T	Hexachloroethane	990	U	990	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	990	U	990	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	6010	7439-89-6	T	Iron	990	J	0.05	mg/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8270	78-59-1	T	Isophorone	990	U	990	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	6010	7439-92-1	T	Lead	0.44	U	0.44	mg/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	6010	7439-95-4	T	Magnesium	64		47	mg/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	6010	7439-96-5	T	Manganese	880		0.91	mg/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	2000	U	2000	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8151	93-65-2	T	MCPP	2000	U	2000	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	7471	7439-97-6	T	Mercury	0.004	J	0.017	mg/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8081	72-43-5	T	Methoxychlor	50	U	50	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	10	U	10	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8270	91-20-3	T	Naphthalene	990	U	990	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	6010	7440-02-0	T	Nickel	0.73		3.5	mg/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8270	98-95-3	T	Nitrobenzene	990	U	990	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	990	U	990	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	990	U	990	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	50	U	50	ug/kg
R3AU1S	Clam-R3AU1S	02/06/03	Field Sample	8290	3268-87-9	T	OCDD	5.7	J	1.1	ppb
R3AU1S	Clam-R3AU1S	02/06/03	Field Sample	8290	39001-02-0	T	OCDF	0.23	U	0.23	ppb
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	30	U	30	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8270	106-47-8	T	P-Chloroaniline	2000	U	2000	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	20	U	20	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8151	87-86-5	T	Pentachlorophenol	17	U	17	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8270	87-86-5	T	Pentachlorophenol	5100	U	5100	ug/kg
R3AU1S	Clam-R3AU1S	02/06/03	Field Sample	8290	Q947	T	Percent Lipids	3.1		1	%
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8270	85-01-8	T	Phenanthrene	990	U	990	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8270	108-95-2	T	Phenol	990	U	990	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8270	100-01-6	T	P-Nitroaniline	5100	U	5100	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	6010	7440-09-7	T	Potassium	70		94	mg/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	8270	129-00-0	T	Pyrene	990	U	990	ug/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	6010	7782-49-2	T	Selenium	0.88	U	0.88	mg/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	6010	7440-22-4	T	Silver	0.88	U	0.88	mg/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	6010	7440-23-5	T	Sodium	2600	J	45	mg/kg
R3AU1S	Clam-R3AU1S	02/06/2003	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	20	U	20	ug/kg

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Toxaphene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HpCDD	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HpCDF	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HxCDD	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HxCDF	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total PeCDD	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total PeCDF	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total TCDD	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total TCDF	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Toxaphene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-TRICHLORO	T	Trichlorophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Vanadium	1.4		[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Zinc	2.5	J	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,6,7,8-HpCDD	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,6,7,8-HpCDF	0.14	U	0.14	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8,9-HpCDF	0.1	U	0.1	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8-HxCDD	0.13	U	0.13	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8-HxCDF	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,6,7,8-HxCDD	0.12	U	0.12	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,6,7,8-HxCDF	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8,9-HxCDD	0.11	U	0.11	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8,9-HxCDF	0.077	UJ	0.077	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8-PeCDD	0.16	U	0.16	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8-PeCDF	0.25	U	0.25	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,4-Trichlorobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,3-Dichlorobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,3-Dinitrobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,4-Dichlorobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,4,6,7,8-HxCDF	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,4,7,8-PeCDF	0.15	U	0.15	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,7,8-TCDD	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,7,8-Tetrachlorodibenzofuran	0.20	U	0.20	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,5-T	0.3	U	0.3	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,5-TP (Silvex)	0.3	U	0.3	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,5-Trichlorophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,6-Trichlorophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-D	0.3	U	0.3	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-DB	0.3	U	0.3	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dichlorophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dimethylphenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dinitrophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dinitrotoluene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,6-Dinitrotoluene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Chloronaphthalene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Chlorophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Methylnaphthalene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Methylphenol (o-Cresol)	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Nitroaniline	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Nitrophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3,3'-Dichlorobenzidine	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3-Methylphenol/4-Methylphenol (m/p-Cresol)	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3-Nitroaniline	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,4'-DDD	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,4'-DDE	5	J	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,4'-DDT	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,6-Dinitro-2-methylphenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Bromophenyl Phenyl Ether	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Chloro-3-methylphenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Chlorophenyl Phenyl Ether	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Nitroaniline	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Nitrophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Acenaphthene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Acenaphthylene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Aldrin	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	alpha-BHC	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	alpha-Chlordane	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Aluminum	11	J	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Anthracene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Antimony	1.5	U	1.5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Arsenic	1.3		[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Barium	34		[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo[a]anthracene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo[a]pyrene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo[b]fluoranthene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo[g,h,i]perylene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo[k]fluoranthene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzyl Butyl Phthalate	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Beryllium	0.15	U	0.15	ug/kg

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8081	319-85-7	T	beta-BHC	5	U	5	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	990	U	990	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	990	U	990	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	990	U	990	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	6010	7440-43-9	T	Cadmium	0.45	U	0.45	mg/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8270	86-74-8	T	Carbazole	990	U	990	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	6010	7440-47-3	T	Chromium	2.2		0.85	mg/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8270	218-01-9	T	Chrysene	990	U	990	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	6010	7440-48-4	T	Cobalt	0.18		0.85	mg/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	6010	7440-50-8	T	Copper	4.7		0.01	mg/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8151	75-99-0	T	Dalapon	2000	U	2000	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	680	2051-24-3	T	Decachlorobiphenyl	50	U	50	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8081	319-86-8	T	delta-BHC	5	U	5	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8270	53-70-3	T	Dibenzo(a,h)anthracene	990	U	990	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8270	132-64-9	T	Dibenzofuran	990	U	990	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8151	1918-00-9	T	Dicamba	20	U	20	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	680	C-DICHLOROBI	T	Dichlorobiphenyl	10	U	10	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8151	120-36-5	T	Dichlorprop	100	U	100	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8081	60-57-1	T	Dieldrin	10	U	10	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8270	84-66-2	T	Diethyl Phthalate	990	U	990	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	990	U	990	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8270	84-74-2	T	Di-n-butylphthalate	990	U	990	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8270	117-84-0	T	Di-n-octylphthalate	990	U	990	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8270	88-85-7	T	Dinoseb	990	U	990	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8081	959-98-8	T	Endosulfan I	5	U	5	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8081	33213-65-9	T	Endosulfan II	10	U	10	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8081	1031-07-8	T	Endosulfan Sulfate	10	U	10	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8081	72-20-8	T	Endrin	10	U	10	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8081	7421-93-4	T	Endrin Aldehyde	10	U	10	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8081	53494-70-5	T	Endrin Ketone	10	U	10	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8270	206-44-0	T	Fluoranthene	990	U	990	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8270	86-73-7	T	Fluorene	990	U	990	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8081	58-89-9	T	gamma-BHC (Lindane)	5	U	5	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8081	5103-74-2	T	gamma-Chlordane	5	U	5	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8081	76-44-8	T	Heptachlor	5	U	5	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8081	1024-57-3	T	Heptachlor Epoxide	5	U	5	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	30	U	30	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8270	118-74-1	T	Hexachlorobenzene	990	U	990	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	680	C-HEXACHLORO	T	Hexachlorobiphenyl	20	U	20	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	990	U	990	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	990	U	990	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8270	67-72-1	T	Hexachloroethane	990	U	990	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	990	U	990	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	6010	7439-89-6	T	Iron	160	J	0.85	mg/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8270	78-59-1	T	Isophorone	990	U	990	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	6010	7439-92-1	T	Lead	0.38		0.42	mg/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	6010	7439-95-4	T	Magnesium	54		47	mg/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	6010	7439-96-5	T	Manganese	33		0.91	mg/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	2000	U	2000	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8151	93-65-2	T	MCPP	2000	U	2000	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	7471	7439-97-6	T	Mercury	0.0088	J	0.017	mg/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8081	72-43-5	T	Methoxychlor	50	U	50	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	10	U	10	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8270	91-20-3	T	Naphthalene	990	U	990	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	6010	7440-02-0	T	Nickel	0.25		3.5	mg/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8270	98-95-3	T	Nitrobenzene	990	U	990	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	990	U	990	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	990	U	990	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	50	U	50	ug/kg
R3BD1S	Clam-R3BD1S	02/06/03	Field Sample	8290	3268-87-9	T	OCDD	11		1.1	pg/g
R3BD1S	Clam-R3BD1S	02/06/03	Field Sample	8290	39001-02-0	T	OCDF	0.63	U	0.63	pg/g
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	30	U	30	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8270	106-47-8	T	P-Chloroaniline	2000	U	2000	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	20	U	20	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8151	87-86-5	T	Pentachlorophenol	17	U	17	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8270	87-86-5	T	Pentachlorophenol	5100	U	5100	ug/kg
R3BD1S	Clam-R3BD1S	02/06/03	Field Sample	8290	Q847	T	Percent Lipids	2.9		1	%
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8270	85-01-8	T	Phenanthrene	990	U	990	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8270	108-95-2	T	Phenol	990	U	990	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8270	100-01-6	T	P-Nitroaniline	5100	U	5100	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	6010	7440-09-7	T	Potassium	130		94	mg/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	8270	129-00-0	T	Pyrene	990	U	990	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	6010	7782-49-2	T	Selenium	0.89	U	0.89	mg/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	6010	7440-22-4	T	Silver	0.89	U	0.89	mg/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	6010	7440-23-5	T	Sodium	1600	J	45	mg/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	20	U	20	ug/kg
R3BD1S	Clam-R3BD1S	02/06/2003	Field Sample	6010	7440-28-0	T	Thallium	0.89	U	0.89	mg/kg
R3BD1S	Clam-R3BD1S	02/06/03	Field Sample	8290	37871-00-4	T	Total HpCDD	0.89	U	0.89	pg/g
R3BD1S	Clam-R3BD1S	02/06/03	Field Sample	8290	38998-75-3	T	Total HpCDF	0.42	U	0.42	pg/g

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HxCDD	0.18	U	[illegible]	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total HxCDF	[illegible]	U	[illegible]	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total PeCDD	0.31	U	[illegible]	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total PeCDF	0.29	U	[illegible]	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total TCDD	0.59		[illegible]	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Total TCDF	1	U	1	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Toxaphene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-TRICHLOROB	T	Trichlorobiphenyl	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Vanadium	0.80	U	[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Zinc	5	J	[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	1.4	U	1.4	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,6,7,8-HpCDF	0.27	U	0.27	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8,9-HpCDF	0.31	U	[illegible]	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.30	U	[illegible]	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8-HxCDF	0.23	U	[illegible]	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	0.42	U	0.42	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,6,7,8-HxCDF	0.19	U	[illegible]	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.35	U	[illegible]	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8,9-HxCDF	0.24	U	[illegible]	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8-Pentachlorodibenzofuran	0.35	U	[illegible]	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.67	U	0.67	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,4-Trichlorobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2-Dichlorobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,3-Dichlorobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,4-Dichlorobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,4,6,7,8-HxCDF	0.21	U	[illegible]	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,4,7,8-PeCDF	0.35	U	[illegible]	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,7,8-TCDD	0.20	U	[illegible]	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,7,8-Tetrachlorodibenzofuran	0.25	U	[illegible]	ppt
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,5-T	8.3	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,5-TP (Silvex)	8.3	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,5-Trichlorophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,6-Trichlorophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-D	8.3	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-DB	8.3	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dichlorophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dimethylphenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dinitrophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dinitrotoluene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,6-Dinitrotoluene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Chloronaphthalene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Chlorophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Methylnaphthalene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Methylphenol (o-Cresol)	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Nitroaniline	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Nitrophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3,3'-Dichlorobenzidine	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3-Nitroaniline	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,4'-DDD	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,4'-DDE	5	J	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,4'-DDT	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,6-Dinitro-2-methylphenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Bromophenyl Phenyl Ether	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Chloro-3-methylphenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Chlorophenyl Phenyl Ether	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Nitrophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Acenaphthene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Acenaphthylene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Aldrin	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	alpha-BHC	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	alpha-Chlordane	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Aluminum	17	J	[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Anthracene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Antimony	1.7	U	1.7	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Arsenic	0.65		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Barium	[illegible]		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo(a)anthracene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo(a)pyrene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo(b)fluoranthene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo(g,h,i)perylene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo(k)fluoranthene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzyl Butyl Phthalate	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Beryllium	0.34	U	[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	beta-BHC	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	bis(2-Chloroethoxy)methane	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	bis(2-Chloroethyl)ether	[illegible]	U	[illegible]	ug/kg

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	990	U	990	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	6010	7440-43-9	T	Cadmium	0.42	U	0.42	mg/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8270	86-74-8	T	Carbazole	990	U	990	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	6010	7440-47-3	T	Chromium	3.2		0.85	mg/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8270	218-01-9	T	Chrysene	990	U	990	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	6010	7440-48-4	T	Cobalt	0.85	U	0.85	mg/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	6010	7440-50-8	T	Copper	3.8		0.01	mg/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8151	75-99-0	T	Dalapon	2000	U	2000	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	680	2051-24-3	T	Decachlorobiphenyl	50	U	50	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8081	319-86-8	T	delta-BHC	5	U	5	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8270	53-70-3	T	Dibenz(a,h)anthracene	990	U	990	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8270	132-64-9	T	Dibenzofuran	990	U	990	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8151	1918-00-9	T	Dicamba	20	U	20	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	680	C-DICHLOROBI	T	Dichlorobiphenyl	10	U	10	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8151	120-36-5	T	Dichloprop	3.1	J	100	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8081	60-57-1	T	Dieldrin	10	U	10	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8270	84-66-2	T	Diethyl Phthalate	990	U	990	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	990	U	990	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8270	84-74-2	T	Di-n-butylphthalate	990	U	990	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8270	117-84-0	T	Di-n-octylphthalate	990	U	990	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8270	88-85-7	T	Dinoseb	990	U	990	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8081	959-98-8	T	Endosulfan I	5	U	5	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8081	33213-65-9	T	Endosulfan II	10	U	10	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8081	1031-07-8	T	Endosulfan Sulfate	10	U	10	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8081	72-20-8	T	Endrin	10	U	10	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8081	7421-93-4	T	Endrin Aldehyde	10	U	10	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8081	53494-70-5	T	Endrin Ketone	10	U	10	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8270	206-44-0	T	Fluoranthene	990	U	990	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8270	86-73-7	T	Fluorene	990	U	990	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8081	58-89-9	T	gamma-BHC (Lindane)	5	U	5	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8081	5103-74-2	T	gamma-Chlordane	5	U	5	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8081	76-44-8	T	Heptachlor	5	U	5	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8081	1024-57-3	T	Heptachlor Epoxide	5	U	5	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	30	U	30	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8270	118-74-1	T	Hexachlorobenzene	990	U	990	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	680	C-HEXACHLORO	T	Hexachlorobiphenyl	20	U	20	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	990	U	990	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	990	U	990	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8270	67-72-1	T	Hexachloroethane	990	U	990	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	990	U	990	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	6010	7439-89-6	T	Iron	170	J	0.85	mg/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8270	78-59-1	T	Isophorone	990	U	990	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	6010	7439-92-1	T	Lead	0.42	U	0.42	mg/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	6010	7439-95-4	T	Magnesium	42		47	mg/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	6010	7439-96-5	T	Manganese	30		0.91	mg/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	2000	U	2000	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8151	93-65-2	T	MCPP	2000	U	2000	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	7471	7439-97-6	T	Mercury	0.0054		0.017	mg/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8081	72-43-5	T	Methoxychlor	50	U	50	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	10	U	10	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8270	91-20-3	T	Naphthalene	990	U	990	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	6010	7440-02-0	T	Nickel	0.23		3.5	mg/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8270	98-95-3	T	Nitrobenzene	990	U	990	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	990	U	990	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	990	U	990	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	50	U	50	ug/kg
R3BM1S	Clam-R3BM1S	02/06/03	Field Sample	8290	3268-87-9	T	OCDD	6.1	J	1.1	ppb
R3BM1S	Clam-R3BM1S	02/06/03	Field Sample	8290	39001-02-0	T	OCDF	0.5	U	0.5	ppb
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	30	U	30	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8270	106-47-8	T	P-Chloroaniline	2000	U	2000	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	20	U	20	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8270	87-86-5	T	Pentachlorophenol	5100	U	5100	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8151	87-86-5	T	Pentachlorophenol	17	U	17	ug/kg
R3BM1S	Clam-R3BM1S	02/06/03	Field Sample	8290	C8-47	T	Percent Lipids	2.1		1	%
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8270	85-01-8	T	Phenanthrene	990	U	990	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8270	108-95-2	T	Phenol	990	U	990	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8270	100-01-6	T	P-Nitroaniline	5100	U	5100	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	6010	7440-09-7	T	Potassium	100	J	94	mg/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	8270	129-00-0	T	Pyrene	990	U	990	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	6010	7782-49-2	T	Selenium	0.85	U	0.85	mg/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	6010	7440-22-4	T	Silver	0.85	U	0.85	mg/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	6010	7440-23-5	T	Sodium	2600		45	mg/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	20	U	20	ug/kg
R3BM1S	Clam-R3BM1S	02/06/2003	Field Sample	6010	7440-28-0	T	Thallium	0.85	U	0.85	mg/kg
R3BM1S	Clam-R3BM1S	02/06/03	Field Sample	8290	37871-00-4	T	Total HpCDD	1.5	U	1.5	ppb
R3BM1S	Clam-R3BM1S	02/06/03	Field Sample	8290	38998-75-3	T	Total HpCDF	0.31	U	0.31	ppb
R3BM1S	Clam-R3BM1S	02/06/03	Field Sample	8290	34465-46-8	T	Total HxCDD	1.4	U	1.4	ppb
R3BM1S	Clam-R3BM1S	02/06/03	Field Sample	8290	55684-94-1	T	Total HxCDF	0.24	U	0.24	ppb
R3BM1S	Clam-R3BM1S	02/06/03	Field Sample	8290	36088-22-9	T	Total PeCDD	1.4	U	1.4	ppb

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Total PeCDF	0.33	U	0.33	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Total TCDD	0.29	U	0.29	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Total TCDF	0.54	U	0.54	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Toxaphene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Vanadium	0.65	U	0.65	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Zinc	23		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,2,3,4,6,7,8-[illegible]	0.12	U	0.12	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,2,3,4,6,7,8-HpCDF	0.13	U	0.13	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,2,3,4,7,8,9-HpCDF	0.13	U	0.13	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,2,3,4,7,8-[illegible]	0.25	U	0.25	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,2,3,4,7,8-HxCDF	0.19	U	0.19	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,2,3,6,7,8-[illegible]	0.2	U	0.2	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,2,3,6,7,8-HxCDF	0.17	U	0.17	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,2,3,7,8,9-[illegible]	0.2	U	0.2	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,2,3,7,8,9-HxCDF	0.22	U	0.22	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,2,3,7,8-[illegible]	0.25	U	0.25	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,2,3,7,8-[illegible]	0.42	U	0.42	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,2,4-[illegible]	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,2-[illegible]	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,3-[illegible]	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,4-[illegible]	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,2'-[illegible]	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,3,4,6,7,8-HxCDF	0.2	U	0.2	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,3,4,7,8-PeCDF	0.25	U	0.25	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,3,7,8-TCDD	0.19	U	0.19	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,3,7,8-[illegible]	0.47	U	0.47	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4,5-T	3	U	3	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4,5-TP (Silvex)	8.3	U	8.3	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4,5-[illegible]	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4,6-[illegible]	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4-D	15		8.3	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4-DB	8.3	U	8.3	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4-[illegible]	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4-[illegible]	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4-[illegible]	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4-[illegible]	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,6-[illegible]	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2-[illegible]	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2-[illegible]	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2-[illegible]	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2-[illegible] (o-Cresol)	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2-[illegible]	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2-[illegible]	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	3,3'-[illegible]	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	3-[illegible] (m&p-Cresol)	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	3-[illegible]	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	4,4'-DDD	10	UJ	10	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	4,4'-DDE	36	J	10	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	4,4'-DDT	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	4,6-[illegible]	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	4-[illegible] Phenyl Ether	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	4-[illegible]	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	4-[illegible] Phenyl Ether	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	4-[illegible]	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Aldrin	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	alpha-BHC	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	alpha-Chlordane	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Aluminum	[illegible]		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Antimony	1.9	U	1.9	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Arsenic	23		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Barium	[illegible]		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Benzyl Butyl Phthalate	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Beryllium	0.37	U	0.37	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	beta-BHC	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	bis(2-[illegible]	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	bis(2-[illegible]	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	bis(2-[illegible]	[illegible]	J	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Cadmium	0.47	U	0.47	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Carbazole	[illegible]	U	[illegible]	ug/kg

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	6010	7440-47-3	T	Chromium	2.6		0.85	mg/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8270	218-01-9	T	Chrysene	990	U	990	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	6010	7440-48-4	T	Cobalt	0.83		0.85	mg/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	6010	7440-50-8	T	Copper	4.7		0.01	mg/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8151	75-99-0	T	Dalapon	2000	U	2000	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	680	2051-24-3	T	Decachlorobiphenyl	50	U	50	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8081	319-86-8	T	delta-BHC	5	U	5	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8270	53-70-3	T	Dibenzo(a,h)anthracene	990	U	990	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8270	132-64-9	T	Dibenzofuran	990	U	990	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8151	1918-00-9	T	Dicamba	20	U	20	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	680	C-DICHLOROBI	T	Dichlorobiphenyl	10	U	10	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8151	120-36-5	T	Dichlorprop	35	J	100	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8081	60-57-1	T	Dieldrin	10	U	10	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8270	84-66-2	T	Diethyl Phthalate	990	U	990	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	990	U	990	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8270	84-74-2	T	Di-n-butylphthalate	990	U	990	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8270	117-84-0	T	Di-n-octylphthalate	990	U	990	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8270	85-85-7	T	Dincsab	990	U	990	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8081	959-98-8	T	Endosulfan I	5	U	5	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8081	33213-65-9	T	Endosulfan II	10	U	10	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8081	1031-07-8	T	Endosulfan Sulfate	10	U	10	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8081	72-20-8	T	Endrin	10	U	10	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8081	7421-93-4	T	Endrin Aldehyde	10	U	10	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8081	53494-70-5	T	Endrin Ketone	10	U	10	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8270	206-44-0	T	Fluoranthene	990	U	990	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8270	86-73-7	T	Fluorene	990	U	990	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8081	58-89-9	T	gamma-BHC (Lindane)	5	U	5	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8081	5103-74-2	T	gamma-Chlordane	5	U	5	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8081	76-44-8	T	Heptachlor	5	U	5	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8081	1024-57-3	T	Heptachlor Epoxide	5	U	5	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	30	U	30	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8270	118-74-1	T	Hexachlorobenzene	990	U	990	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	680	C-HEXACHLORO	T	Hexachlorobiphenyl	20	U	20	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	990	U	990	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	990	U	990	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8270	67-72-1	T	Hexachloroethane	990	U	990	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	990	U	990	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	6010	7439-89-6	T	Iron	600	J	0.05	mg/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8270	78-59-1	T	Isophorone	990	U	990	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	6010	7439-92-1	T	Lead	0.47	U	0.47	mg/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	6010	7439-95-4	T	Magnesium	74		47	mg/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	6010	7439-96-5	T	Manganese	680		0.91	mg/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	2000	U	2000	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8151	93-65-2	T	MCPP	3700	J	2000	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	7471	7439-97-6	T	Mercury	0.018	U	0.018	mg/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8081	72-43-5	T	Methoxychlor	50	UJ	50	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	10	U	10	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8270	91-20-3	T	Naphthalene	990	U	990	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	6010	7440-02-0	T	Nickel	0.86		3.5	mg/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8270	98-95-3	T	Nitrobenzene	990	U	990	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	990	U	990	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	990	U	990	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	50	U	50	ug/kg
R3BU1S	Clam-R3BU1S	02/06/03	Field Sample	8290	3268-87-9	T	OCDD	2.3	U	2.3	pg/g
R3BU1S	Clam-R3BU1S	02/06/03	Field Sample	8290	39001-02-0	T	OCDF	0.32	U	0.32	pg/g
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	30	U	30	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8270	106-47-8	T	P-Chloroaniline	2000	U	2000	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	20	U	20	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8270	87-86-5	T	Pentachlorophenol	5100	U	5100	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8151	87-86-5	T	Pentachlorophenol	17	U	17	ug/kg
R3BU1S	Clam-R3BU1S	02/06/03	Field Sample	9290	C947	T	Percent Lipids	2.9		1	%
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8270	85-01-8	T	Phenanthrene	990	U	990	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8270	108-95-2	T	Phenol	990	U	990	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8270	100-01-6	T	P-Nitroaniline	5100	U	5100	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	6010	7440-09-7	T	Potassium	87	J	94	mg/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	8270	129-00-0	T	Pyrene	990	U	990	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	6010	7782-49-2	T	Selenium	0.93	U	0.93	mg/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	6010	7440-22-4	T	Silver	0.93	U	0.93	mg/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	6010	7440-23-5	T	Sodium	2500		45	mg/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	20	U	20	ug/kg
R3BU1S	Clam-R3BU1S	02/06/2003	Field Sample	6010	7440-28-0	T	Thallium	0.93	U	0.93	mg/kg
R3BU1S	Clam-R3BU1S	02/06/03	Field Sample	8290	37871-00-4	T	Total HpCDD	0.18	U	0.18	pg/g
R3BU1S	Clam-R3BU1S	02/06/03	Field Sample	8290	38998-75-3	T	Total HpCDF	0.13	U	0.13	pg/g
R3BU1S	Clam-R3BU1S	02/06/03	Field Sample	8290	34465-46-8	T	Total HxCDD	0.23	U	0.23	pg/g
R3BU1S	Clam-R3BU1S	02/06/03	Field Sample	8290	55684-94-1	T	Total HxCDF	0.22	U	0.22	pg/g
R3BU1S	Clam-R3BU1S	02/06/03	Field Sample	8290	36088-22-9	T	Total PeCDD	0.42	U	0.42	pg/g
R3BU1S	Clam-R3BU1S	02/06/03	Field Sample	8290	30402-15-4	T	Total PeCDF	0.38	U	0.38	pg/g
R3BU1S	Clam-R3BU1S	02/06/03	Field Sample	8290	41903-57-5	T	Total TCDD	0.19	U	0.19	pg/g
R3BU1S	Clam-R3BU1S	02/06/03	Field Sample	8290	55722-27-5	T	Total TCDF	1	U	1	pg/g

Appendix II-G

Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	10	U	10	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Vanadium	1.1		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Zinc	3.8		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,2,3,4,6,7,8-[illegible]	0.15	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,2,3,4,6,7,8-HpCDF	0.15	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,2,3,4,7,8,9-HpCDF	0.10	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,2,3,4,7,8-[illegible]	0.2	U	0.2	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,2,3,4,7,8-HxCDF	0.1	U	0.1	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,2,3,6,7,8-[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,2,3,6,7,8-HxCDF	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,2,3,7,8,9-[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,2,3,7,8,9-HxCDF	0.11	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,2,3,7,8-[illegible]	0.25	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,2,3,7,8-[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,2,4-[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,2-[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,3-[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,4-[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,2'-[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,3,4,6,7,8-HxCDF	0.1	U	0.1	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,3,4,7,8-PeCDF	0.25	U	0.25	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,3,7,8-TCDD	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,3,7,8-[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4,5-T	8.3	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4,5-TP (Silvex)	8.3	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4,5-[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4,6-[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4-D	8.3	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4-DB	8.3	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4-[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4-[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4-[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4-[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,6-[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2-[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2-[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2-[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2-[illegible] (o-Cresol)	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2-[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2-[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	3,3'-[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	3-[illegible] (m&p-Cresol)	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	3-[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	4,4'-DDD	10	U	10	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	4,4'-DDE	7.1	J	10	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	4,4'-DDT	10	U	10	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	4,6-[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	4-[illegible] Phenyl Ether	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	4-[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	4-[illegible] Phenyl Ether	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	4-[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Aldrin	5	U	5	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	alpha-BHC	5	U	5	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	alpha-[illegible]	5	U	5	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Aluminum	34	J	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Anthracene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Antimony	1.8	U	1.8	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Arsenic	1.4		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Barium	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Beryllium	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	beta-BHC	5	U	5	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	bis(2-[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	bis(2-[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	bis(2-[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Cadmium	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Chromium	1.5		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Chrysene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Cobalt	[illegible]		[illegible]	[illegible]

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	6010	7440-50-8	T	Copper	4.3		0.01	mg/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8151	75-99-0	T	Dalapon	2000	U	2000	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	680	2051-24-3	T	Decachlorobiphenyl	50	U	50	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8081	319-86-8	T	delta-BHC	5	U	5	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8270	53-70-3	T	Dibenzo(a,h)anthracene	990	U	990	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8270	132-64-9	T	Dibenzofuran	990	U	990	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8151	1918-00-9	T	Dicamba	20	U	20	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	680	C-DICHLOROBI	T	Dichlorobiphenyl	10	U	10	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8151	120-36-5	T	Dichlorprop	4.7	J	100	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8081	60-57-1	T	Dieldrin	10	U	10	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8270	84-66-2	T	Diethyl Phthalate	990	U	990	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	990	U	990	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8270	84-74-2	T	Di-n-butylphthalate	990	U	990	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8270	117-84-0	T	Di-n-octylphthalate	990	U	990	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8270	88-85-7	T	Dinoseb	990	U	990	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8081	959-98-8	T	Endosulfan I	5	U	5	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8081	33213-65-9	T	Endosulfan II	10	U	10	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8081	1031-07-8	T	Endosulfan Sulfate	10	U	10	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8081	72-20-8	T	Endrin	10	U	10	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8081	7421-93-4	T	Endrin Aldehyde	10	U	10	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8081	53494-70-5	T	Endrin Ketone	10	U	10	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8270	206-44-0	T	Fluoranthene	990	U	990	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8270	86-73-7	T	Fluorene	990	U	990	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8081	58-89-9	T	gamma-BHC (Lindane)	5	U	5	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8081	5103-74-2	T	gamma-Chlordane	5	U	5	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8081	76-44-8	T	Heptachlor	5	U	5	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8081	1024-57-3	T	Heptachlor Epoxide	5	U	5	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	30	U	30	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8270	118-74-1	T	Hexachlorobenzene	990	U	990	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	680	C-HEXACHLORO	T	Hexachlorobiphenyl	20	U	20	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	990	U	990	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	990	U	990	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8270	67-72-1	T	Hexachloroethane	990	U	990	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	990	U	990	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	6010	7439-89-6	T	Iron	240	J	0.05	mg/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8270	78-59-1	T	Isophorone	990	U	990	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	6010	7439-92-1	T	Lead	0.46	U	0.46	mg/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	6010	7439-95-4	T	Magnesium	63		47	mg/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	6010	7439-96-5	T	Manganese	510		0.91	mg/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	2000	U	2000	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8151	93-65-2	T	MCPP	2000	U	2000	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	7471	7439-97-6	T	Mercury	0.018	UJ	0.018	mg/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8081	72-43-5	T	Methoxychlor	50	U	50	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	10	U	10	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8270	91-20-3	T	Naphthalene	990	U	990	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	6010	7440-02-0	T	Nickel	0.69		3.5	mg/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8270	98-95-3	T	Nitrobenzene	990	U	990	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	990	U	990	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	990	U	990	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	50	U	50	ug/kg
R3CM1S	Clam-R3CM1S	02/06/03	Field Sample	8290	3268-87-9	T	OCDD	1.4	U	1.4	pg/g
R3CM1S	Clam-R3CM1S	02/06/03	Field Sample	8290	39001-02-0	T	OCDF	0.22	U	0.22	pg/g
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	30	U	30	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8270	106-47-8	T	P-Chloroaniline	2000	U	2000	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	20	U	20	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8270	87-86-5	T	Pentachlorophenol	5100	U	5100	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8151	87-86-5	T	Pentachlorophenol	17	U	17	ug/kg
R3CM1S	Clam-R3CM1S	02/06/03	Field Sample	8290	Q847	T	Percent Lipids	1.4		1	%
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8270	85-01-8	T	Phenanthrene	990	U	990	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8270	108-95-2	T	Phenol	990	U	990	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8270	100-01-6	T	P-Nitroaniline	5100	U	5100	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	6010	7440-09-7	T	Potassium	97		94	mg/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8270	129-00-0	T	Pyrene	990	U	990	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	6010	7782-49-2	T	Selenium	0.92	U	0.92	mg/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	6010	7440-22-4	T	Silver	0.92	U	0.92	mg/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	6010	7440-23-5	T	Sodium	2400	J	45	mg/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	20	U	20	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	6010	7440-28-0	T	Thallium	0.92	U	0.92	mg/kg
R3CM1S	Clam-R3CM1S	02/06/03	Field Sample	8290	37871-00-4	T	Total HpCDD	0.24	U	0.24	pg/g
R3CM1S	Clam-R3CM1S	02/06/03	Field Sample	8290	38998-75-3	T	Total HpCDF	0.19	U	0.19	pg/g
R3CM1S	Clam-R3CM1S	02/06/03	Field Sample	8290	34465-46-8	T	Total HxCDD	0.2	U	0.2	pg/g
R3CM1S	Clam-R3CM1S	02/06/03	Field Sample	8290	55684-94-1	T	Total HxCDF	0.46	U	0.46	pg/g
R3CM1S	Clam-R3CM1S	02/06/03	Field Sample	8290	36088-22-9	T	Total PeCDD	0.33	U	0.33	pg/g
R3CM1S	Clam-R3CM1S	02/06/03	Field Sample	8290	30402-15-4	T	Total PeCDF	0.78	U	0.78	pg/g
R3CM1S	Clam-R3CM1S	02/06/03	Field Sample	8290	41903-57-5	T	Total TCDD	0.14	U	0.14	pg/g
R3CM1S	Clam-R3CM1S	02/06/03	Field Sample	8290	55722-27-5	T	Total TCDF	1.4	U	1.4	pg/g
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	8081	8001-35-2	T	Toxaphene	500	U	500	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	680	C-TRICHLOROB	T	Trichlorobiphenyl	10	U	10	ug/kg
R3CM1S	Clam-R3CM1S	02/06/2003	Field Sample	6010	7440-62-2	T	Vanadium	0.92	U	0.92	mg/kg

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Standard	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Zinc	34	J	[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,6,7,8-Heptachlorodibenzo-p-Dioxin	1.9	U	1.9	ng/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,6,7,8-HpCDF	0.42	U	0.42	ng/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8,9-HpCDF	0.58	U	0.58	ng/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8-Hexachlorodibenzo-p-Dioxin	0.61	U	0.61	ng/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8-HxCDF	0.35	U	0.35	ng/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,6,7,8-Hexachlorodibenzo-p-Dioxin	0.54	U	0.54	ng/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,6,7,8-HxCDF	0.51	U	0.51	ng/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8,9-Hexachlorodibenzo-p-Dioxin	0.51	U	0.51	ng/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8,9-HxCDF	0.38	U	0.38	ng/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8-Pentachlorodibenzofuran	0.38	U	0.38	ng/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8-Pentachlorodibenzo-p-Dioxin	0.45	UJ	0.45	ng/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,4-Trichlorobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2-Dichlorobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,3-Dichlorobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,4-Dichlorobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,2'-Oxybis(1-Chloropropane) (bis-2-Chloroisopropyl ether)	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,4,6,7,8-HxCDF	0.37	U	0.37	ng/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,4,7,8-PeCDF	0.3	U	0.3	ng/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,7,8-TCDD	0.31	U	0.31	ng/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,7,8-Tetrachlorodibenzofuran	0.57	U	0.57	ng/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,5-T	25	U	25	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,5-TP (Silvex)	25	U	25	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,5-Trichlorophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,6-Trichlorophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-D	9.4	J	8.3	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-DB	4.3	J	8.3	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dichlorophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dimethylphenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dinitrophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dinitrotoluene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,6-Dinitrotoluene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Chloronaphthalene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Chlorophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Methylnaphthalene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Methylphenol (o-Cresol)	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Nitroaniline	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Nitrophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3,3'-Dichlorobenzidine	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3-Nitroaniline	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,6-DDD	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,6-DDE	4	J	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,6-DDT	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,6-Dinitro-2-methylphenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Bromophenyl Phenyl Ether	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Chloro-3-methylphenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Chlorophenyl Phenyl Ether	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Nitrophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Acenaphthene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Acenaphthylene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Aldrin	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	alpha-BHC	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	alpha-Chlordane	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Aluminum	32		20	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Anthracene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Antimony	1.8	U	1.8	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Arsenic	2.3		0.55	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Barium	77		0.55	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo(a)anthracene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo(a)pyrene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo(b)fluoranthene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo(g,h,i)perylene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo(k)fluoranthene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzyl Butyl Phthalate	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Beryllium	0.35	U	0.35	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	beta-BHC	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	bis(2-Chloroethoxy)methane	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	bis(2-Chloroethyl)ether	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	bis(2-Ethylhexyl)phthalate	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Cadmium	[illegible]	J	0.42	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Carbazole	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Chromium	10		0.55	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Chrysene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Cobalt	0.55		0.55	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Copper	6		0.55	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Cyanide	[illegible]	U	[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dibenzo(a,h)anthracene	10	U	10	ug/kg

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	8081	319-86-8	T	delta-BHC	5	U	5	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	8270	53-70-3	T	Dibenzo(a,h)anthracene	990	U	990	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	8270	132-64-9	T	Dibenzofuran	990	U	990	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	8151	1918-00-9	T	Dicamba	60	U	60	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	680	C-DICHLOROBI	T	Dichlorobiphenyl	10	U	10	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	8151	120-36-5	T	Dichloprop	300	U	300	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	8081	60-57-1	T	Dieldrin	10	U	10	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	8270	84-66-2	T	Diethyl Phthalate	990	U	990	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	990	U	990	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	8270	84-74-2	T	Di-n-butylphthalate	990	U	990	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	8270	117-84-0	T	Di-n-octylphthalate	990	U	990	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	8270	88-85-7	T	Dinoseb	990	U	990	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	8081	959-98-8	T	Endosulfan I	5	U	5	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	8081	33213-65-9	T	Endosulfan II	10	U	10	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	8081	1031-07-8	T	Endosulfan Sulfate	10	U	10	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	8081	72-20-8	T	Endrin	10	U	10	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	8081	7421-93-4	T	Endrin Aldehyde	10	U	10	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	8081	53494-70-5	T	Endrin Ketone	10	U	10	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	8270	206-44-0	T	Fluoranthene	990	U	990	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	8270	86-73-7	T	Fluorene	990	U	990	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	8081	58-89-9	T	gamma-BHC (Lindane)	5	U	5	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	8081	5103-74-2	T	gamma-Chlordane	5	U	5	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	8081	76-44-8	T	Heptachlor	5	U	5	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	8081	1024-57-3	T	Heptachlor Epoxide	5	U	5	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	30	U	30	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	8270	118-74-1	T	Hexachlorobenzene	990	U	990	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	680	C-HEXACHLORO	T	Hexachlorobiphenyl	20	U	20	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	990	U	990	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	990	U	990	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	8270	67-72-1	T	Hexachloroethane	990	U	990	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	990	U	990	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	6010	7439-89-6	T	Iron	410		0.05	mg/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	8270	78-59-1	T	Isophorone	990	U	990	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	6010	7439-95-4	T	Magnesium	63		47	mg/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	6010	7439-96-5	T	Manganese	110		0.91	mg/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	6000	U	6000	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	8151	93-65-2	T	MCPP	6000	U	6000	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	7471	7439-97-6	T	Mercury	0.0091		0.017	mg/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	8081	72-43-5	T	Methoxychlor	50	U	50	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	10	U	10	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	8270	91-20-3	T	Naphthalene	990	U	990	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	6010	7440-02-0	T	Nickel	2		3.5	mg/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	8270	98-95-3	T	Nitrobenzene	990	U	990	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	990	U	990	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	990	U	990	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	50	U	50	ug/kg
RMAD1S	Clam-RMAD1S	02/05/03	Field Sample	8290	3268-87-9	T	OCDD	45		1.1	ppb
RMAD1S	Clam-RMAD1S	02/05/03	Field Sample	8290	39001-02-0	T	OCDF	2.1	U	2.1	ppb
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	30	U	30	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	8270	106-47-8	T	P-Chloroaniline	2000	U	2000	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	20	U	20	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	8151	87-86-5	T	Pentachlorophenol	51	U	51	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	8270	87-86-5	T	Pentachlorophenol	5100	U	5100	ug/kg
RMAD1S	Clam-RMAD1S	02/05/03	Field Sample	8290	Q847	T	Percent Lipids	2.9		1	%
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	8270	85-01-8	T	Phenanthrene	990	U	990	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	8270	108-95-2	T	Phenol	990	U	990	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	8270	100-01-6	T	P-Nitroaniline	5100	U	5100	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	6010	7440-09-7	T	Potassium	140		94	mg/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	8270	129-00-0	T	Pyrene	990	U	990	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	6010	7782-49-2	T	Selenium	0.89	U	0.89	mg/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	6010	7440-22-4	T	Silver	0.89	U	0.89	mg/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	6010	7440-23-5	T	Sodium	2100		45	mg/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	20	U	20	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	6010	7440-28-0	T	Thallium	0.89	U	0.89	mg/kg
RMAD1S	Clam-RMAD1S	02/05/03	Field Sample	8290	37871-00-4	T	Total HpCDD	2.8		0.18	ppb
RMAD1S	Clam-RMAD1S	02/05/03	Field Sample	8290	38998-75-3	T	Total HpCDF	1.2	U	1.2	ppb
RMAD1S	Clam-RMAD1S	02/05/03	Field Sample	8290	34465-46-8	T	Total HxCDD	0.61	U	0.61	ppb
RMAD1S	Clam-RMAD1S	02/05/03	Field Sample	8290	55684-94-1	T	Total HxCDF	0.39	U	0.39	ppb
RMAD1S	Clam-RMAD1S	02/05/03	Field Sample	8290	36088-22-9	T	Total PeCDD	0.76	UJ	0.76	ppb
RMAD1S	Clam-RMAD1S	02/05/03	Field Sample	8290	30402-15-4	T	Total PeCDF	0.54	U	0.54	ppb
RMAD1S	Clam-RMAD1S	02/05/03	Field Sample	8290	41903-57-5	T	Total TCDD	1		0.044	ppb
RMAD1S	Clam-RMAD1S	02/05/03	Field Sample	8290	55722-27-5	T	Total TCDF	3.2	U	3.2	ppb
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	8081	8001-35-2	T	Toxaphene	500	U	500	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	680	C-TRICHLOROB	T	Trichlorobiphenyl	10	U	10	ug/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	6010	7440-62-2	T	Vanadium	0.89	U	0.89	mg/kg
RMAD1S	Clam-RMAD1S	02/05/2003	Field Sample	6010	7440-66-6	T	Zinc	8.1		0.02	mg/kg
RMAM1S	Clam-RMAM1S	02/05/03	Field Sample	8290	35822-46-9	T	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	0.31	U	0.31	ppb
RMAM1S	Clam-RMAM1S	02/05/03	Field Sample	8290	67562-39-4	T	1,2,3,4,6,7,8-HpCDF	0.16	U	0.16	ppb
RMAM1S	Clam-RMAM1S	02/05/03	Field Sample	8290	55673-89-7	T	1,2,3,4,7,8,9-HpCDF	0.23	U	0.23	ppb

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.22	U	0.22	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8-HxCDF	0.18	U	0.18	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	0.18	U	0.18	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,6,7,8-HxCDF	0.12	U	0.12	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.15	U	0.15	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8,9-HxCDF	0.15	U	0.15	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8-Pentachlorodibenzofuran	0.15	U	0.15	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.21	U	0.21	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,4-Trichlorobenzene	500	U	500	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2-Dichlorobenzene	500	U	500	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,3-Dichlorobenzene	500	U	500	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,4-Dichlorobenzene	500	U	500	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	500	U	500	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,4,6,7,8-HxCDF	0.14	U	0.14	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,7,8-HpCDF	0.12	U	0.12	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,7,8-TCDD	0.1	U	0.1	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,7,8-Tetrachlorodibenzofuran	0.21	U	0.21	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,5-T	25	U	25	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,5-TP (Silvex)	25	U	25	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,6-Trichlorophenol	500	U	500	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,6-Trichlorophenol	500	U	500	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-D	25	U	25	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-DB	25	U	25	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dichlorophenol	500	U	500	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dimethylphenol	500	U	500	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dinitrophenol	2500	U	2500	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dinitrotoluene	500	U	500	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,6-Dinitrotoluene	500	U	500	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3-Chloroaniline	500	U	500	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3-Chlorophenol	500	U	500	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3-Methylcholanthrene	500	U	500	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3-Methylphenol (m-Cresol)	500	U	500	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3-Nitroaniline	2500	U	2500	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3-Nitrophenol	500	U	500	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3,3'-Dichlorobenzidine	2500	U	2500	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3-Methylphenol/4-Methylphenol (m/p-Cresol)	500	U	500	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3-Nitroaniline	2500	U	2500	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,4'-DDD	12	U	12	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,4'-DDE	54	J	12	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,4'-DDT	12	U	12	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,6-Dinitro-2-methylphenol	2500	U	2500	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Bromophenyl Phenyl Ether	500	U	500	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Chloro-3-methylphenol	500	U	500	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Chlorophenyl Phenyl Ether	500	U	500	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Nitrophenol	2500	U	2500	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Acenaphthene	500	U	500	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Acenaphthylene	500	U	500	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Aldrin	5	U	5	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	alpha-BHC	5	U	5	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	alpha-Chlordane	5	U	5	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Aluminum	42		20	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Anthracene	500	U	500	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Antimony	1.9	U	1.9	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Arsenic	3.3		0.10	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Barium	20		0.50	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo[a]anthracene	500	U	500	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo[a]pyrene	500	U	500	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo[b]fluoranthene	500	U	500	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo[g,h,i]perylene	500	U	500	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo[k]fluoranthene	500	U	500	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzyl Butyl Phthalate	500	U	500	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Beryllium	0.37	U	0.37	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	beta-BHC	5	U	5	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	bis(2-Chloroethoxy)methane	500	U	500	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	bis(2-Chloroethyl)ether	500	U	500	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	bis(2-Ethylhexyl)phthalate	500	U	500	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Cadmium	0.14		0.10	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Carbazole	500	U	500	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Chromium	57		0.50	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Chrysene	500	U	500	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Cobalt	0.65		0.50	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Copper	11		0.50	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Cyanide	500	U	500	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dibenzo[a,h]anthracene	50	U	50	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	delta-BHC	5	U	5	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dibenzofuran	500	U	500	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dieldrin	50	U	50	ug/g

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	680	C-DICHLOROBI	T	Dichlorobiphenyl	10	U	10	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	8151	120-36-5	T	Dichlorprop	300	U	300	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	8081	60-57-1	T	Dieldrin	10	U	10	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	8270	84-66-2	T	Diethyl Phthalate	990	U	990	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	990	U	990	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	8270	84-74-2	T	Di-n-butylphthalate	990	U	990	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	8270	117-84-0	T	Di-n-octylphthalate	990	U	990	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	8270	88-85-7	T	Dinoseb	990	U	990	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	8081	959-98-8	T	Endosulfan I	5	U	5	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	8081	33213-65-9	T	Endosulfan II	10	U	10	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	8081	1031-07-8	T	Endosulfan Sulfate	10	U	10	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	8081	72-20-8	T	Endrin	10	U	10	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	8081	7421-93-4	T	Endrin Aldehyde	10	U	10	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	8081	53494-70-5	T	Endrin Ketone	10	U	10	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	8270	206-44-0	T	Fluoranthene	990	U	990	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	8270	86-73-7	T	Fluorene	990	U	990	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	8081	58-89-9	T	gamma-BHC (Lindane)	5	U	5	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	8081	5103-74-2	T	gamma-Chlordane	5	U	5	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	8081	76-44-8	T	Heptachlor	5	U	5	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	8081	1024-57-3	T	Heptachlor Epoxide	5	U	5	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	30	U	30	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	8270	118-74-1	T	Hexachlorobenzene	990	U	990	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	680	C-HEXACHLORO	T	Hexachlorobiphenyl	20	U	20	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	990	U	990	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	990	U	990	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	8270	67-72-1	T	Hexachloroethane	990	U	990	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	990	U	990	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	6010	7439-89-6	T	Iron	710		0.05	mg/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	8270	78-59-1	T	Isophorone	990	U	990	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	6010	7439-92-1	T	Lead	1.1		0.42	mg/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	6010	7439-95-4	T	Magnesium	89		47	mg/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	6010	7439-96-5	T	Manganese	120		0.91	mg/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	6000	U	6000	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	8151	93-65-2	T	MCPP	6000	U	6000	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	7471	7439-97-6	T	Mercury	0.013		0.017	mg/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	8081	72-43-5	T	Methoxychlor	50	U	50	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	10	U	10	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	8270	91-20-3	T	Naphthalene	990	U	990	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	6010	7440-02-0	T	Nickel	25		3.5	mg/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	8270	98-95-3	T	Nitrobenzene	990	U	990	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	990	U	990	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	990	U	990	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	50	U	50	ug/kg
RMAM1S	Clam-RMAM1S	02/06/03	Field Sample	8290	3268-87-9	T	OCDD	4.6	U	4.6	ppt
RMAM1S	Clam-RMAM1S	02/06/03	Field Sample	8290	39001-02-0	T	OCDF	0.21	U	0.21	ppt
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	30	U	30	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	8270	106-47-8	T	P-Chloroaniline	2000	U	2000	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	20	U	20	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	8151	87-86-5	T	Pentachlorophenol	51	U	51	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	8270	87-86-5	T	Pentachlorophenol	5100	U	5100	ug/kg
RMAM1S	Clam-RMAM1S	02/06/03	Field Sample	8290	QB47	T	Percent Lipids	3.8		1	%
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	8270	85-01-8	T	Phenanthrene	990	U	990	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	8270	108-95-2	T	Phenol	990	U	990	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	8270	100-01-6	T	P-Nitroaniline	5100	U	5100	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	6010	7440-09-7	T	Potassium	180		94	mg/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	8270	129-00-0	T	Pyrene	990	U	990	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	6010	7782-49-2	T	Selenium	0.93	U	0.93	mg/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	6010	7440-22-4	T	Silver	0.93	U	0.93	mg/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	6010	7440-23-5	T	Sodium	1100		46	mg/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	30	U	30	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	6010	7440-28-0	T	Thallium	0.93	U	0.93	mg/kg
RMAM1S	Clam-RMAM1S	02/06/03	Field Sample	8290	37871-00-4	T	Total HpCDD	0.39	U	0.39	ppt
RMAM1S	Clam-RMAM1S	02/06/03	Field Sample	8290	38998-75-3	T	Total HpCDF	0.23	U	0.23	ppt
RMAM1S	Clam-RMAM1S	02/06/03	Field Sample	8290	34465-46-8	T	Total HxCDD	0.22	U	0.22	ppt
RMAM1S	Clam-RMAM1S	02/06/03	Field Sample	8290	55684-94-1	T	Total HxCDF	0.15	U	0.15	ppt
RMAM1S	Clam-RMAM1S	02/06/03	Field Sample	8290	36088-22-9	T	Total PeCDD	0.34	U	0.34	ppt
RMAM1S	Clam-RMAM1S	02/06/03	Field Sample	8290	30402-15-4	T	Total PeCDF	0.13	U	0.13	ppt
RMAM1S	Clam-RMAM1S	02/06/03	Field Sample	8290	41903-57-5	T	Total TCDD	0.18	U	0.18	ppt
RMAM1S	Clam-RMAM1S	02/06/03	Field Sample	8290	55722-27-5	T	Total TCDF	1.6	U	1.6	ppt
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	8081	8001-35-2	T	Toxaphene	500	U	500	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	680	C-TRICHLORO	T	Trichlorobiphenyl	10	U	10	ug/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	6010	7440-62-2	T	Vanadium	0.86		0.86	mg/kg
RMAM1S	Clam-RMAM1S	02/06/2003	Field Sample	6010	7440-66-6	T	Zinc	13		0.02	mg/kg
RMAU1S	Clam-RMAU1S	02/06/03	Field Sample	8290	35822-46-9	T	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	0.29	U	0.29	ppt
RMAU1S	Clam-RMAU1S	02/06/03	Field Sample	8290	67562-39-4	T	1,2,3,4,6,7,8-HpCDF	0.17	U	0.17	ppt
RMAU1S	Clam-RMAU1S	02/06/03	Field Sample	8290	55673-89-7	T	1,2,3,4,7,8,9-HpCDF	0.21	U	0.21	ppt
RMAU1S	Clam-RMAU1S	02/06/03	Field Sample	8290	39227-28-6	T	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.21	U	0.21	ppt
RMAU1S	Clam-RMAU1S	02/06/03	Field Sample	8290	70648-26-9	T	1,2,3,4,7,8-HxCDF	0.13	U	0.13	ppt
RMAU1S	Clam-RMAU1S	02/06/03	Field Sample	8290	57653-85-7	T	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	0.19	U	0.19	ppt

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,4,7,8-HxCDF	0.11	[illegible]	0.11	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.17	[illegible]	0.17	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8,9-HxCDF	0.14	[illegible]	0.14	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8-Pentachlorodibenzofuran	0.13	[illegible]	0.13	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.21	[illegible]	0.21	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,2,4-Trichlorobenzene	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,3-Dichlorobenzene	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,3-Dichlorobenzene	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	1,4-Dichlorobenzene	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,2'-Oxybis(1-Chloropropane) [Bis-2-chloroisopropyl-ether]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,4,6,7,8-HxCDF	0.13	[illegible]	0.13	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,4,7,8-PeCDF	0.12	[illegible]	0.12	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,7,8-TCDD	0.1	[illegible]	0.1	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,3,7,8-Tetrachlorodibenzofuran	0.17	[illegible]	0.17	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,5-T	25	[illegible]	25	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,5-TP (Silvex)	25	[illegible]	25	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,5-Trichlorophenol	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,6-Trichlorophenol	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-D	25	[illegible]	25	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-DB	7.3	J	5.3	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dichlorophenol	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dimethylphenol	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dinitrophenol	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dinitrotoluene	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,6-Dinitrotoluene	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Chloronaphthalene	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Chlorophenol	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Methylnaphthalene	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Methylphenol (o-Cresol)	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Nitroaniline	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Nitrophenol	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3,3'-Dichlorobenzidine	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3-Methylphenol/4-Methylphenol (m/p-Cresol)	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3-Nitroaniline	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,4'-DDD	18	[illegible]	18	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,4'-DDE	6.4	J	18	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,4'-DDT	18	[illegible]	18	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,6-Dinitro-2-methylphenol	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Bromophenyl Phenyl Ether	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Chloro-3-methylphenol	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Chlorophenyl Phenyl Ether	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Nitrophenol	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Acenaphthene	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Acenaphthylene	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Aldrin	5	[illegible]	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	alpha-BHC	5	[illegible]	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	alpha-Chlordane	5	[illegible]	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Aluminum	25		25	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Antimony	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Arsenic	1.9	[illegible]	1.9	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Barium	1.7		0.55	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo[a]anthracene	31		0.55	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo[a]pyrene	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo[b]fluoranthene	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo[g,h,i]perylene	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo[k]fluoranthene	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzyl Butyl Phthalate	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Beryllium	0.55	[illegible]	0.55	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	beta-BHC	5	[illegible]	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	bis(2-Chloroethoxy)methane	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	bis(2-Chloroethyl)ether	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	bis(2-Ethylhexyl)phthalate	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Cadmium	0.48	[illegible]	0.48	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Calcium	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Chromium	4.1		0.55	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Chrysene	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Cobalt	0.55		0.55	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Copper	5.2		0.55	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dalapon	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dibenz[a,h]anthracene	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	delta-BHC	5	[illegible]	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dibenzofuran	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dieldrin	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Diethylphthalate	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dimethylphthalate	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endrin	[illegible]	[illegible]	[illegible]	[illegible]

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	8270	84-66-2	T	Diethyl Phthalate	990	U	990	ug/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	990	U	990	ug/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	8270	84-74-2	T	Di-n-butylphthalate	990	U	990	ug/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	8270	117-84-0	T	Di-n-octylphthalate	990	U	990	ug/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	8270	88-85-7	T	Dinoseb	990	U	990	ug/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	8081	959-98-8	T	Endosulfan I	5	U	5	ug/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	8081	33213-65-9	T	Endosulfan II	10	U	10	ug/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	8081	1031-07-8	T	Endosulfan Sulfate	10	U	10	ug/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	8081	72-20-8	T	Endrin	10	U	10	ug/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	8081	7421-93-4	T	Endrin Aldehyde	10	U	10	ug/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	8081	53494-70-5	T	Endrin Ketone	10	U	10	ug/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	8270	206-44-0	T	Fluoranthene	990	U	990	ug/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	8270	86-73-7	T	Fluorene	990	U	990	ug/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	8081	58-89-9	T	gamma-BHC (Lindane)	5	U	5	ug/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	8081	5103-74-2	T	gamma-Chlordane	5	U	5	ug/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	8081	76-44-8	T	Heptachlor	5	U	5	ug/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	8081	1024-57-3	T	Heptachlor Epoxide	5	U	5	ug/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	30	U	30	ug/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	8270	118-74-1	T	Hexachlorobenzene	990	U	990	ug/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	680	C-HEXACHLORO	T	Hexachlorobiphenyl	20	U	20	ug/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	990	U	990	ug/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	990	U	990	ug/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	8270	67-72-1	T	Hexachloroethane	990	U	990	ug/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	990	U	990	ug/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	6010	7439-89-6	T	Iron	260		0.95	mg/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	8270	78-59-1	T	Isophorone	990	U	990	ug/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	6010	7439-92-1	T	Lead	0.5		0.42	mg/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	6010	7439-95-4	T	Magnesium	58		47	mg/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	6010	7439-96-5	T	Manganese	37		0.91	mg/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	6000	U	6000	ug/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	8151	93-65-2	T	MCPP	6000	U	6000	ug/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	7471	7439-97-6	T	Mercury	0.0065		0.017	mg/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	8081	72-43-5	T	Methoxychlor	50	U	50	ug/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	10	U	10	ug/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	8270	91-20-3	T	Naphthalene	990	U	990	ug/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	6010	7440-02-0	T	Nickel	0.28		3.5	mg/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	8270	98-95-3	T	Nitrobenzene	990	U	990	ug/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	990	U	990	ug/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	990	U	990	ug/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	50	U	50	ug/kg
RMAU1S	Clam-RMAU1S	02/06/03	Field Sample	8290	3268-87-9	T	OCDD	5.7	J	1.1	pg/g
RMAU1S	Clam-RMAU1S	02/06/03	Field Sample	8290	39001-02-0	T	OCDF	0.18	U	0.18	pg/g
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	30	U	30	ug/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	8270	106-47-8	T	P-Chloroaniline	2000	U	2000	ug/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	20	U	20	ug/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	8270	87-86-5	T	Pentachlorophenol	5100	U	5100	ug/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	8151	87-86-5	T	Pentachlorophenol	51	U	51	ug/kg
RMAU1S	Clam-RMAU1S	02/06/03	Field Sample	8290	QB47	T	Percent Lipids	3.3		1	%
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	8270	85-01-8	T	Phenanthrene	990	U	990	ug/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	8270	108-95-2	T	Phenol	990	U	990	ug/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	8270	100-01-6	T	P-Nitroaniline	5100	U	5100	ug/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	6010	7440-09-7	T	Potassium	130		94	mg/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	8270	129-00-0	T	Pyrene	990	U	990	ug/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	6010	7782-49-2	T	Selenium	0.95	U	0.95	mg/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	6010	7440-22-4	T	Silver	0.95	U	0.95	mg/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	6010	7440-23-5	T	Sodium	2200		45	mg/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	20	U	20	ug/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	6010	7440-28-0	T	Thallium	0.95	U	0.95	mg/kg
RMAU1S	Clam-RMAU1S	02/06/03	Field Sample	8290	37871-00-4	T	Total HpCDD	0.4	U	0.4	pg/g
RMAU1S	Clam-RMAU1S	02/06/03	Field Sample	8290	38998-75-3	T	Total HpCDF	0.21	U	0.21	pg/g
RMAU1S	Clam-RMAU1S	02/06/03	Field Sample	8290	34465-46-8	T	Total HxCDD	0.21	U	0.21	pg/g
RMAU1S	Clam-RMAU1S	02/06/03	Field Sample	8290	55684-94-1	T	Total HxCDF	0.16	U	0.16	pg/g
RMAU1S	Clam-RMAU1S	02/06/03	Field Sample	8290	36088-22-9	T	Total PeCDD	0.25	U	0.25	pg/g
RMAU1S	Clam-RMAU1S	02/06/03	Field Sample	8290	30402-15-4	T	Total PeCDF	0.2	U	0.2	pg/g
RMAU1S	Clam-RMAU1S	02/06/03	Field Sample	8290	41903-57-5	T	Total TCDD	0.1	U	0.1	pg/g
RMAU1S	Clam-RMAU1S	02/06/03	Field Sample	8290	55722-27-5	T	Total TCDF	1.6	U	1.6	pg/g
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	8081	8001-35-2	T	Toxaphene	500	U	500	ug/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	680	C-TRICHLORO8	T	Trichlorobiphenyl	10	U	10	ug/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	6010	7440-62-2	T	Vanadium	0.95	U	0.95	mg/kg
RMAU1S	Clam-RMAU1S	02/06/2003	Field Sample	6010	7440-66-6	T	Zinc	5.4		0.02	mg/kg
RMBD1S	Clam-RMBD1S	02/06/03	Field Sample	8290	35822-46-9	T	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	0.27	U	0.27	pg/g
RMBD1S	Clam-RMBD1S	02/06/03	Field Sample	8290	67562-39-4	T	1,2,3,4,6,7,8-HpCDF	0.21	U	0.21	pg/g
RMBD1S	Clam-RMBD1S	02/06/03	Field Sample	8290	55673-89-7	T	1,2,3,4,7,8,9-HpCDF	0.25	U	0.25	pg/g
RMBD1S	Clam-RMBD1S	02/06/03	Field Sample	8290	39227-28-6	T	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.32	U	0.32	pg/g
RMBD1S	Clam-RMBD1S	02/06/03	Field Sample	8290	70648-26-9	T	1,2,3,4,7,8-HxCDF	0.21	U	0.21	pg/g
RMBD1S	Clam-RMBD1S	02/06/03	Field Sample	8290	57653-85-7	T	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	0.28	U	0.28	pg/g
RMBD1S	Clam-RMBD1S	02/06/03	Field Sample	8290	57117-44-9	T	1,2,3,6,7,8-HxCDF	0.19	U	0.19	pg/g
RMBD1S	Clam-RMBD1S	02/06/03	Field Sample	8290	19408-74-3	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.28	U	0.28	pg/g
RMBD1S	Clam-RMBD1S	02/06/03	Field Sample	8290	72918-21-9	T	1,2,3,7,8,9-HxCDF	0.24	U	0.24	pg/g

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	57117-41-6	T	1,2,3,7,8-Pentachlorodibenzofuran	0.21	U	0.21	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	40321-76-4	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.15	U	0.15	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	120-82-1	T	1,2,4-Trichlorobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	95-50-1	T	1,2-Dichlorobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	541-73-1	T	1,3-Dichlorobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	106-46-7	T	1,4-Dichlorobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	60851-34-5	T	2,3,4,6,7,8-HxCDF	0.12	U	0.12	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	57117-31-4	T	2,3,4,7,8-PeCDF	0.12	U	0.12	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	1746-01-6	T	2,3,7,8-TCDD	0.15	U	0.15	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	51207-31-9	T	2,3,7,8-Tetrachlorodibenzofuran	0.15	U	0.15	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	93-76-5	T	2,4,5-T	8.3	U	8.3	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	93-72-1	T	2,4,5-TP (Silvex)	8.3	U	8.3	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	95-95-4	T	2,4,5-Trichlorophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	88-06-2	T	2,4,6-Trichlorophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	94-75-7	T	2,4-D	8.3	U	8.3	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	94-82-6	T	2,4-DB	8.3	U	8.3	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	120-83-2	T	2,4-Dichlorophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	105-67-9	T	2,4-Dimethylphenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	51-28-5	T	2,4-Dinitrophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	121-14-2	T	2,4-Dinitrotoluene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	606-20-2	T	2,6-Dinitrotoluene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	91-58-7	T	2-Chloronaphthalene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	95-57-8	T	2-Chlorophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	91-57-6	T	2-Methylnaphthalene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	95-48-7	T	2-Methylphenol (o-Cresol)	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	88-74-4	T	2-Nitroaniline	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	88-75-5	T	2-Nitrophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	91-94-1	T	3,3'-Dichlorobenzidine	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	108-39-4	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	99-09-2	T	3-Nitroaniline	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	72-54-8	T	4,4'-DDD	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	72-55-9	T	4,4'-DDE	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	50-29-3	T	4,4'-DDT	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	534-52-1	T	4,6-Dinitro-2-methylphenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	101-55-3	T	4-Bromophenyl Phenyl Ether	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	59-50-7	T	4-Chloro-3-methylphenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7005-72-3	T	4-Chlorophenyl Phenyl Ether	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	100-02-7	T	4-Nitrophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	83-32-9	T	Acenaphthene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	208-96-8	T	Acenaphthylene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	309-00-2	T	Aldrin	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	319-84-6	T	alpha-BHC	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	5103-71-9	T	alpha-Chlordane	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7429-90-5	T	Aluminum	5.4	J	[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	120-12-7	T	Anthracene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-36-0	T	Antimony	1.8	UJ	1.8	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-38-2	T	Arsenic	1.1		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-39-3	T	Barium	55		0.91	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	56-55-3	T	Benzo(a)anthracene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	50-32-8	T	Benzo(a)pyrene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	205-99-2	T	Benzo(b)fluoranthene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	191-24-2	T	Benzo(g,h,i)perylene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	207-08-9	T	Benzo(k)fluoranthene	[illegible]	[illegible]	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	85-68-7	T	Benzyl Butyl Phthalate	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-41-7	T	Beryllium	0.55	U	0.55	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	319-85-7	T	beta-BHC	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	111-91-1	T	bis(2-Chloroethoxy)methane	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	111-44-4	T	bis(2-Chloroethyl)ether	[illegible]	[illegible]	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	117-81-7	T	bis(2-Ethylhexyl)phthalate	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-43-9	T	Cadmium	0.44	U	0.44	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	86-74-8	T	Carbazole	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-47-3	T	Chromium	6.1		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	218-01-9	T	Chrysene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-48-4	T	Cobalt	0.17		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-50-8	T	Copper	4.3		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	75-99-0	T	Dalapon	2000	U	2000	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	2051-24-3	T	Decachlorobiphenyl	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	319-86-8	T	delta-BHC	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	53-70-3	T	Dibenz(a,h)anthracene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	132-64-9	T	Dibenzofuran	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	1918-00-9	T	Dicamba	20	U	20	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dichlorobiphenyl	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	120-36-5	T	Dichlorprop	3.3	J	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	60-57-1	T	Dieldrin	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	84-66-2	T	Diethyl Phthalate	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	131-11-3	T	Dimethyl Phthalate	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	84-74-2	T	Di-n-butylphthalate	[illegible]	U	[illegible]	ug/kg

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	117-84-0	T	Di-n-octylphthalate	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	88-85-7	T	Dinoseb	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8081	959-98-8	T	Endosulfan I	5	U	5	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8081	33213-65-9	T	Endosulfan II	10	U	10	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8081	1031-07-8	T	Endosulfan Sulfate	10	U	10	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8081	72-20-8	T	Endrin	10	U	10	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8081	7421-93-4	T	Endrin Aldehyde	10	U	10	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8081	53494-70-5	T	Endrin Ketone	10	U	10	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	206-44-0	T	Fluoranthene	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	86-73-7	T	Fluorene	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8081	58-89-9	T	gamma-BHC (Lindane)	5	U	5	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8081	5103-74-2	T	gamma-Chlordane	5	U	5	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8081	76-44-8	T	Heptachlor	5	U	5	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8081	1024-57-3	T	Heptachlor Epoxide	5	U	5	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	30	U	30	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	118-74-1	T	Hexachlorobenzene	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	680	C-HEXACHLORO	T	Hexachlorobiphenyl	20	U	20	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	67-72-1	T	Hexachloroethane	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	6010	7439-89-6	T	Iron	140	J	0.05	mg/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	78-59-1	T	Isophorone	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	6010	7439-92-1	T	Lead	0.44	U	0.44	mg/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	6010	7439-95-4	T	Magnesium	46		47	mg/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	6010	7439-96-5	T	Manganese	52		0.91	mg/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	460	J	2000	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8151	93-65-2	T	MCPP	1100	J	2000	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	7471	7439-97-6	T	Mercury	0.018	U	0.018	mg/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8081	72-43-5	T	Methoxychlor	50	UJ	50	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	10	U +	10	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	91-20-3	T	Naphthalene	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	6010	7440-02-0	T	Nickel	3.5	U	3.5	mg/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	98-95-3	T	Nitrobenzene	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	50	U	50	ug/kg
RIBD1S	Clam-RIBD1S	02/06/03	Field Sample	8290	3268-87-9	T	OCDD	1.9	U	1.9	pg/g
RIBD1S	Clam-RIBD1S	02/06/03	Field Sample	8290	39001-02-0	T	OCDF	0.47	U	0.47	pg/g
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	30	U	30	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	106-47-8	T	P-Chloroaniline	2000	U	2000	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	20	U	20	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	87-86-5	T	Pentachlorophenol	5100	U	5100	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8151	87-86-5	T	Pentachlorophenol	17	U	17	ug/kg
RIBD1S	Clam-RIBD1S	02/06/03	Field Sample	8290	Q847	T	Percent Lipids	3.4		1	%
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	85-01-8	T	Phenanthrene	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	108-95-2	T	Phenol	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	100-01-6	T	P-Nitroaniline	5100	U	5100	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	6010	7440-09-7	T	Potassium	120	J	94	mg/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8270	129-00-0	T	Pyrene	990	U	990	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	6010	7782-49-2	T	Selenium	0.88	U	0.88	mg/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	6010	7440-22-4	T	Silver	0.88	U	0.88	mg/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	6010	7440-23-5	T	Sodium	2500		45	mg/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	20	U	20	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	6010	7440-28-0	T	Thallium	0.88	U	0.88	mg/kg
RIBD1S	Clam-RIBD1S	02/06/03	Field Sample	8290	37871-00-4	T	Total HpCDD	0.27	U	0.27	pg/g
RIBD1S	Clam-RIBD1S	02/06/03	Field Sample	8290	38998-75-3	T	Total HpCDF	0.25	U	0.25	pg/g
RIBD1S	Clam-RIBD1S	02/06/03	Field Sample	8290	34465-46-8	T	Total HxCDD	0.32	U	0.32	pg/g
RIBD1S	Clam-RIBD1S	02/06/03	Field Sample	8290	55684-94-1	T	Total HxCDF	0.27	U	0.27	pg/g
RIBD1S	Clam-RIBD1S	02/06/03	Field Sample	8290	36088-22-9	T	Total PeCDD	0.35	U	0.35	pg/g
RIBD1S	Clam-RIBD1S	02/06/03	Field Sample	8290	30402-15-4	T	Total PeCDF	0.45	U	0.45	pg/g
RIBD1S	Clam-RIBD1S	02/06/03	Field Sample	8290	41903-57-5	T	Total TCDD	0.2	U	0.2	pg/g
RIBD1S	Clam-RIBD1S	02/06/03	Field Sample	8290	55722-27-5	T	Total TCDF	1.6	U	1.6	pg/g
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	8081	8001-35-2	T	Toxaphene	500	U	500	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	680	C-TRICHLOROB	T	Trichlorobiphenyl	10	U	10	ug/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	6010	7440-62-2	T	Vanadium	0.22		0.86	mg/kg
RIBD1S	Clam-RIBD1S	02/06/2003	Field Sample	6010	7440-66-6	T	Zinc	3.6		0.02	mg/kg
RIBM1S	Clam-RIBM1S	02/06/03	Field Sample	8290	35822-46-9	T	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	0.28	U	0.28	pg/g
RIBM1S	Clam-RIBM1S	02/06/03	Field Sample	8290	67562-39-4	T	1,2,3,4,6,7,8-HpCDF	0.19	U	0.19	pg/g
RIBM1S	Clam-RIBM1S	02/06/03	Field Sample	8290	55673-89-7	T	1,2,3,4,7,8,9-HpCDF	0.24	U	0.24	pg/g
RIBM1S	Clam-RIBM1S	02/06/03	Field Sample	8290	39227-28-6	T	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.26	U	0.26	pg/g
RIBM1S	Clam-RIBM1S	02/06/03	Field Sample	8290	70648-26-9	T	1,2,3,4,7,8-HxCDF	0.17	U	0.17	pg/g
RIBM1S	Clam-RIBM1S	02/06/03	Field Sample	8290	57653-85-7	T	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	0.23	U	0.23	pg/g
RIBM1S	Clam-RIBM1S	02/06/03	Field Sample	8290	57117-44-9	T	1,2,3,6,7,8-HxCDF	0.15	U	0.15	pg/g
RIBM1S	Clam-RIBM1S	02/06/03	Field Sample	8290	19408-74-3	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.22	U	0.22	pg/g
RIBM1S	Clam-RIBM1S	02/06/03	Field Sample	8290	72918-21-9	T	1,2,3,7,8,9-HxCDF	0.19	U	0.19	pg/g
RIBM1S	Clam-RIBM1S	02/06/03	Field Sample	8290	57117-41-6	T	1,2,3,7,8-Pentachlorodibenzofuran	0.18	U	0.18	pg/g
RIBM1S	Clam-RIBM1S	02/06/03	Field Sample	8290	40321-76-4	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.29	U	0.29	pg/g
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	8270	120-82-1	T	1,2,4-Trichlorobenzene	990	U	990	ug/kg

Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,2-Dichlorobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,3-Dichlorobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	1,4-Dichlorobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,3,4,6,7,8-HxCDF	0.18	U	0.18	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,3,4,7,8-PeCDF	0.17	U	0.17	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,3,7,8-TCDD	0.13	U	0.13	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,3,7,8-Tetrachlorodibenzofuran	0.28	U	0.28	pg/g
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4,5-T	8.3	U	8.3	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4,5-TP (Silvex)	8.3	U	8.3	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4,5-Trichlorophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4,6-Trichlorophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4-D	8.3	U	8.3	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4-DB	8.3	U	8.3	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4-Dichlorophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4-Dimethylphenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4-Dinitrophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4-Dinitrotoluene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,6-Dinitrotoluene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2-Chloronaphthalene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2-Chlorophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2-Methylnaphthalene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2-Methylphenol (o-Cresol)	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2-Nitroaniline	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2-Nitrophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	3,3'-Dichlorobenzidine	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	3-Nitroaniline	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	4,4'-DDD	10	UJ	10	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	4,4'-DDE	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	4,4'-DDT	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	4,6-Dinitro-2-methylphenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	4-Bromophenyl Phenyl Ether	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	4-Chloro-3-methylphenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	4-Chlorophenyl Phenyl Ether	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	4-Nitrophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Acenaphthene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Acenaphthylene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Aldrin	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	alpha-BHC	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	alpha-Chlordane	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Aluminum	20	U	20	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Anthracene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Antimony	1.0	U	1.0	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Arsenic	23		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Barium	76		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Benzo(a)anthracene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Benzo(a)pyrene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Benzo(b)fluoranthene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Benzo(g,h,i)perylene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Benzo(k)fluoranthene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Benzyl Butyl Phthalate	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Beryllium	[illegible]	U	[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	beta-BHC	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	bis(2-Chloroethoxy)methane	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	bis(2-Chloroethyl)ether	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	bis(2-Ethylhexyl)phthalate	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Cadmium	[illegible]	U	[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Carbazole	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Chromium	[illegible]	U	[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Chrysene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Cobalt	[illegible]		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Copper	4.6		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Dalapon	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Decachlorobiphenyl	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	delta-BHC	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Dibenz(a,h)anthracene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Dibenzofuran	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Dicamba	20	U	20	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	C-[illegible]	T	Dichlorobiphenyl	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Dichloroprop	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Dieldrin	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Diethyl Phthalate	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Dimethyl Phthalate	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Di-n-butylphthalate	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Di-n-octylphthalate	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Dinoseb	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Endosulfan I	5	U	5	ug/kg

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	8081	33213-65-9	T	Endosulfan II	10	U	10	ug/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	8081	1031-07-8	T	Endosulfan Sulfate	10	U	10	ug/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	8081	72-20-8	T	Endrin	10	U	10	ug/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	8081	7421-93-4	T	Endrin Aldehyde	10	U	10	ug/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	8081	53494-70-5	T	Endrin Ketone	10	U	10	ug/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	8270	206-44-0	T	Fluoranthene	990	U	990	ug/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	8270	86-73-7	T	Fluorene	990	U	990	ug/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	8081	58-89-9	T	gamma-BHC (Lindane)	5	U	5	ug/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	8081	5103-74-2	T	gamma-Chlordane	5	U	5	ug/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	8081	76-44-8	T	Heptachlor	5	U	5	ug/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	8081	1024-57-3	T	Heptachlor Epoxide	5	U	5	ug/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	30	U	30	ug/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	8270	118-74-1	T	Hexachlorobenzene	990	U	990	ug/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	680	C-HEXACHLORO	T	Hexachlorobiphenyl	20	U	20	ug/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	990	U	990	ug/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	990	U	990	ug/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	8270	67-72-1	T	Hexachloroethane	990	U	990	ug/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	990	U	990	ug/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	6010	7439-89-6	T	Iron	650	J	0.05	mg/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	8270	78-59-1	T	Isophorone	990	U	990	ug/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	6010	7439-95-4	T	Magnesium	50		47	mg/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	6010	7439-96-5	T	Manganese	94		0.91	mg/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	2000	U	2000	ug/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	8151	93-65-2	T	MCPP	1200	J	2000	ug/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	7471	7439-97-6	T	Mercury	0.019	U	0.019	mg/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	8081	72-43-5	T	Methoxychlor	50	UJ	50	ug/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	10	U	10	ug/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	8270	91-20-3	T	Naphthalene	990	U	990	ug/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	6010	7440-02-0	T	Nickel	0.33		3.5	mg/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	8270	98-95-3	T	Nitrobenzene	990	U	990	ug/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	990	U	990	ug/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	990	U	990	ug/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	50	U	50	ug/kg
RIBM1S	Clam-RIBM1S	02/06/03	Field Sample	8290	3268-87-9	T	OCDD	3.2	U	3.2	ppb
RIBM1S	Clam-RIBM1S	02/06/03	Field Sample	8290	39001-02-0	T	OCDF	0.37	U	0.37	ppb
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	30	U	30	ug/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	8270	106-47-8	T	P-Chloroaniline	2000	U	2000	ug/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	20	U	20	ug/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	8151	87-86-5	T	Pentachlorophenol	17	U	17	ug/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	8270	87-86-5	T	Pentachlorophenol	5100	U	5100	ug/kg
RIBM1S	Clam-RIBM1S	02/06/03	Field Sample	8290	QB47	T	Percent Lipids	1.3		1	%
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	8270	85-01-8	T	Phenanthrene	990	U	990	ug/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	8270	108-95-2	T	Phenol	990	U	990	ug/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	8270	100-01-6	T	P-Nitroaniline	5100	U	5100	ug/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	6010	7440-09-7	T	Potassium	110	J	94	mg/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	8270	129-00-0	T	Pyrene	990	U	990	ug/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	6010	7782-49-2	T	Selenium	0.96	U	0.85	mg/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	6010	7440-22-4	T	Silver	0.86	U	0.96	mg/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	6010	7440-23-5	T	Sodium	2500		45	mg/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	20	U	20	ug/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	6010	7440-28-0	T	Thallium	0.96	U	0.96	mg/kg
RIBM1S	Clam-RIBM1S	02/06/03	Field Sample	8290	37871-00-4	T	Total HpCDD	0.28	U	0.28	ppb
RIBM1S	Clam-RIBM1S	02/06/03	Field Sample	8290	38998-75-3	T	Total HpCDF	0.28	U	0.28	ppb
RIBM1S	Clam-RIBM1S	02/06/03	Field Sample	8290	34465-46-8	T	Total HxCDD	0.26	U	0.26	ppb
RIBM1S	Clam-RIBM1S	02/06/03	Field Sample	8290	55684-94-1	T	Total HxCDF	0.68	U	0.68	ppb
RIBM1S	Clam-RIBM1S	02/06/03	Field Sample	8290	36088-22-9	T	Total PeCDD	0.29	U	0.29	ppb
RIBM1S	Clam-RIBM1S	02/06/03	Field Sample	8290	30402-15-4	T	Total PeCDF	0.58	U	0.58	ppb
RIBM1S	Clam-RIBM1S	02/06/03	Field Sample	8290	41903-57-5	T	Total TCDD	0.34	U	0.34	ppb
RIBM1S	Clam-RIBM1S	02/06/03	Field Sample	8290	55722-27-5	T	Total TCDF	1.6	U	1.6	ppb
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	8081	8001-35-2	T	Toxaphene	500	U	500	ug/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	680	C-TRICHLOROB	T	Trichlorobiphenyl	10	U	10	ug/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	6010	7440-62-2	T	Vanadium	0.44		0.85	mg/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	6010	7440-66-6	T	Zinc	4.1		0.02	mg/kg
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	35822-46-9	T	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	0.27	U	0.27	ppb
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	67562-39-4	T	1,2,3,4,6,7,8-HpCDF	0.14	U	0.14	ppb
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	55673-89-7	T	1,2,3,4,7,8,9-HpCDF	0.24	U	0.24	ppb
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	39227-28-6	T	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.18	U	0.18	ppb
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	70648-26-9	T	1,2,3,4,7,8-HxCDF	0.16	U	0.16	ppb
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	57653-85-7	T	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	0.16	U	0.16	ppb
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	57117-44-9	T	1,2,3,6,7,8-HxCDF	0.15	U	0.15	ppb
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	19408-74-3	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.15	U	0.15	ppb
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	72918-21-9	T	1,2,3,7,8,9-HxCDF	0.18	U	0.18	ppb
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	57117-41-6	T	1,2,3,7,8-Pentachlorodibenzofuran	0.13	U	0.13	ppb
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	40321-76-4	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.17	U	0.17	ppb
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	120-82-1	T	1,2,4-Trichlorobenzene	990	U	990	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	95-50-1	T	1,2-Dichlorobenzene	990	U	990	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	541-73-1	T	1,3-Dichlorobenzene	990	U	990	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	106-46-7	T	1,4-Dichlorobenzene	990	U	990	ug/kg

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	108-60-1	T	2,2'-Oxybis(1-Chloropropane) [bis(2-chloroisopropyl) ether]	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	60851-34-5	T	2,3,4,6,7,8-HxCDF	0.17	U	0.17	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	57117-31-4	T	2,3,4,7,8-PeCDF	0.12	U	0.12	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	1746-01-6	T	2,3,7,8-TCDD	0.1	U	0.1	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	51207-31-9	T	2,3,7,8-Tetrachlorodibenzofuran	0.22	U	0.22	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	93-76-5	T	2,4,5-T	8.3	U	8.3	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	93-72-1	T	2,4,5-TP (Silvex)	8.3	U	8.3	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	95-95-4	T	2,4,5-Trichlorophenol	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	88-06-2	T	2,4,6-Trichlorophenol	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	94-75-7	T	2,4-D	8.3	U	8.3	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	94-82-6	T	2,4-DB	8.3	U	8.3	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	120-83-2	T	2,4-Dichlorophenol	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	105-67-9	T	2,4-Dimethylphenol	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	51-28-5	T	2,4-Dinitrophenol	5000	U	5000	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	121-14-2	T	2,4-Dinitrotoluene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	606-20-2	T	2,6-Dinitrotoluene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	91-58-7	T	2-Chloronaphthalene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	95-57-8	T	2-Chlorophenol	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	91-57-6	T	2-Methylnaphthalene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	95-48-7	T	2-Methylphenol (o-Cresol)	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	88-74-4	T	2-Nitroaniline	5000	U	5000	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	88-75-5	T	2-Nitrophenol	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	91-94-1	T	3,3'-Dichlorobenzidine	2000	U	2000	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	106-44-5	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	99-09-2	T	3-Nitroaniline	5000	U	5000	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	72-54-8	T	4,4'-DDD	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	72-55-9	T	4,4'-DDE	2.4	J	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	50-29-3	T	4,4'-DDT	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	534-52-1	T	4,6-Dinitro-2-methylphenol	5000	U	5000	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	101-55-3	T	4-Bromophenyl Phenyl Ether	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	59-50-7	T	4-Chloro-3-methylphenol	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7005-72-3	T	4-Chlorophenyl Phenyl Ether	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	100-02-7	T	4-Nitrophenol	5000	U	5000	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	83-32-9	T	Acenaphthene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	208-96-8	T	Acenaphthylene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	309-00-2	T	Aldrin	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	319-84-6	T	alpha-BHC	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	5103-71-9	T	alpha-Chlordane	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7429-90-5	T	Aluminum	[illegible]	J	20	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	120-12-7	T	Anthracene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-36-0	T	Antimony	1.9	U	1.9	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-38-2	T	Arsenic	1.7		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-39-3	T	Barium	[illegible]		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	56-55-3	T	Benzo(a)anthracene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	50-32-8	T	Benzo(a)pyrene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	205-99-2	T	Benzo(b)fluoranthene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	191-24-2	T	Benzo(g,h,i)perylene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	207-08-9	T	Benzo(k)fluoranthene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	85-68-7	T	Benzyl Butyl Phthalate	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-41-7	T	Beryllium	0.38	U	0.38	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	319-85-7	T	beta-BHC	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	111-91-1	T	bis(2-Chloroethoxy)methane	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	111-44-4	T	bis(2-Chloroethyl)ether	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	117-81-7	T	bis(2-Ethylhexyl)phthalate	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-43-9	T	Cadmium	0.48	U	0.48	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	86-74-8	T	Carbazole	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-47-3	T	Chromium	4		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	218-01-9	T	Chrysene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-48-4	T	Cobalt	0.25		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-50-8	T	Copper	4.7		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	75-99-0	T	Dalapon	2000	U	2000	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	2051-24-3	T	Decachlorobiphenyl	50	U	50	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	319-86-8	T	delta-BHC	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	53-70-3	T	Dibenz(a,h)anthracene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	132-64-9	T	Dibenzofuran	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	1918-00-9	T	Dicamba	20	U	20	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-DICHLOROBI	T	Dichlorobiphenyl	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	120-36-5	T	Dichlorprop	100	U	100	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	60-57-1	T	Dieldrin	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	84-66-2	T	Diethyl Phthalate	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	131-11-3	T	Dimethyl Phthalate	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	84-74-2	T	Di-n-butylphthalate	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	117-84-0	T	Di-n-octylphthalate	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	88-85-7	T	Dinoseb	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	959-98-8	T	Endosulfan I	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	33213-65-9	T	Endosulfan II	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	1031-07-8	T	Endosulfan Sulfate	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	72-20-8	T	Endrin	10	U	10	ug/kg

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8081	7421-93-4	T	Endrin Aldehyde	10	U	10	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8081	53494-70-5	T	Endrin Ketone	10	U	10	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	206-44-0	T	Fluoranthene	990	U	990	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	86-73-7	T	Fluorene	990	U	990	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8081	58-89-9	T	gamma-BHC (Lindane)	5	U	5	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8081	5103-74-2	T	gamma-Chlordane	5	U	5	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8081	76-44-8	T	Heptachlor	5	U	5	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8081	1024-57-3	T	Heptachlor Epoxide	5	U	5	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	30	U	30	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	118-74-1	T	Hexachlorobenzene	990	U	990	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	680	C-HEXACHLORO	T	Hexachlorobiphenyl	20	U	20	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	990	U	990	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	990	U	990	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	67-72-1	T	Hexachloroethane	990	U	990	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	990	U	990	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	6010	7439-89-6	T	Iron	290	J	0.05	mg/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	78-59-1	T	Isophorone	990	U	990	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	6010	7439-92-1	T	Lead	0.33		0.42	mg/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	6010	7439-95-4	T	Magnesium	47		47	mg/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	6010	7439-96-5	T	Manganese	61		0.91	mg/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	2000	U	2000	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8151	93-65-2	T	MCPP	2000	U	2000	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	7471	7439-97-6	T	Mercury	0.0073	J	0.017	mg/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8081	72-43-5	T	Methoxychlor	50	U	50	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	10	U	10	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	91-20-3	T	Naphthalene	990	U	990	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	6010	7440-02-0	T	Nickel	0.61		3.5	mg/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	98-95-3	T	Nitrobenzene	990	U	990	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	990	U	990	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	990	U	990	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	50	U	50	ug/kg
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	3268-87-9	T	OCDD	4.6	U	4.6	pg/g
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	39001-02-0	T	OCDF	0.21	U	0.21	pg/g
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	30	U	30	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	106-47-8	T	P-Chloroaniline	2000	U	2000	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	20	U	20	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8151	87-86-5	T	Pentachlorophenol	17	U	17	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	87-86-5	T	Pentachlorophenol	5100	U	5100	ug/kg
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	QB47	T	Percent Lipids	3.6		1	%
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	85-01-8	T	Phenanthrene	990	U	990	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	108-95-2	T	Phenol	990	U	990	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	100-01-6	T	P-Nitroaniline	5100	U	5100	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	6010	7440-09-7	T	Potassium	79		94	mg/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	129-00-0	T	Pyrene	990	U	990	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	6010	7782-49-2	T	Selenium	0.95	U	0.95	mg/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	6010	7440-22-4	T	Silver	0.95	U	0.95	mg/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	6010	7440-23-5	T	Sodium	2600	J	45	mg/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	20	U	20	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	6010	7440-28-0	T	Thallium	0.95	U	0.95	mg/kg
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	37871-00-4	T	Total HpCDD	0.33	U	0.33	pg/g
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	38998-75-3	T	Total HpCDF	0.24	U	0.24	pg/g
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	34465-46-8	T	Total HxCDD	0.18	U	0.18	pg/g
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	55684-94-1	T	Total HxCDF	0.16	U	0.16	pg/g
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	36088-22-9	T	Total PeCDD	0.29	U	0.29	pg/g
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	30402-15-4	T	Total PeCDF	0.54	U	0.54	pg/g
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	41903-57-5	T	Total TCDD	0.23	U	0.23	pg/g
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	55722-27-5	T	Total TCDF	1.2	U	1.2	pg/g
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8081	8001-35-2	T	Toxaphene	500	U	500	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	680	C-TRICHLOROB	T	Trichlorobiphenyl	10	U	10	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	6010	7440-62-2	T	Vanadium	0.95	U	0.95	mg/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	6010	7440-66-6	T	Zinc	2.9	J	0.02	mg/kg
RICM1S	Clam-RICM1S	02/06/03	Field Sample	8290	35822-46-9	T	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	0.34	U	0.34	pg/g
RICM1S	Clam-RICM1S	02/06/03	Field Sample	8290	67562-39-4	T	1,2,3,4,6,7,8-HpCDF	0.13	U	0.13	pg/g
RICM1S	Clam-RICM1S	02/06/03	Field Sample	8290	55673-89-7	T	1,2,3,4,7,8,9-HpCDF	0.16	U	0.16	pg/g
RICM1S	Clam-RICM1S	02/06/03	Field Sample	8290	39227-28-6	T	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.18	U	0.18	pg/g
RICM1S	Clam-RICM1S	02/06/03	Field Sample	8290	70648-26-9	T	1,2,3,4,7,8-HxCDF	0.11	U	0.11	pg/g
RICM1S	Clam-RICM1S	02/06/03	Field Sample	8290	57653-85-7	T	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	0.16	U	0.16	pg/g
RICM1S	Clam-RICM1S	02/06/03	Field Sample	8290	57117-44-9	T	1,2,3,6,7,8-HxCDF	0.1	U	0.1	pg/g
RICM1S	Clam-RICM1S	02/06/03	Field Sample	8290	19408-74-3	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.15	U	0.15	pg/g
RICM1S	Clam-RICM1S	02/06/03	Field Sample	8290	72918-21-9	T	1,2,3,7,8,9-HxCDF	0.13	U	0.13	pg/g
RICM1S	Clam-RICM1S	02/06/03	Field Sample	8290	57117-41-6	T	1,2,3,7,8-Pentachlorodibenzofuran	0.12	U	0.12	pg/g
RICM1S	Clam-RICM1S	02/06/03	Field Sample	8290	40321-76-4	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.17	U	0.17	pg/g
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	120-82-1	T	1,2,4-Trichlorobenzene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	95-50-1	T	1,2-Dichlorobenzene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	541-73-1	T	1,3-Dichlorobenzene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	106-46-7	T	1,4-Dichlorobenzene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/03	Field Sample	8290	60851-34-5	T	2,3,4,6,7,8-HxCDF	0.12	U	0.12	pg/g

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Standard	Analyte	Result	Qualifier	Reporting Limit	Units
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	57117-31-4	T	2,3,4,7,8-PeCDF	0.71	U	0.71	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	57117-41-6	T	2,3,7,8-TCDD	0.1	U	0.1	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	[redacted]	T	2,3,7,8-Tetrachlorodibenzofuran	0.23	U	0.23	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	93-76-5	T	2,4,5-T	25	U	25	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	93-72-1	T	2,4,5-TP (Silvex)	25	U	25	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	95-95-4	T	2,4,5-Trichlorophenol	100	U	100	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	88-06-2	T	2,4,6-Trichlorophenol	100	U	100	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	94-75-7	T	2,4-D	25	U	25	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	94-82-6	T	2,4-DB	25	U	25	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	120-83-2	T	2,4-Dichlorophenol	100	U	100	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	105-67-9	T	2,4-Dimethylphenol	100	U	100	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	51-28-5	T	2,4-Dinitrophenol	5000	U	5000	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	121-14-2	T	2,4-Dinitrotoluene	100	U	100	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	606-20-2	T	2,6-Dinitrotoluene	100	U	100	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	91-58-7	T	2-Chloronaphthalene	100	U	100	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	95-57-8	T	2-Chlorophenol	100	U	100	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	91-57-6	T	2-Methylnaphthalene	100	U	100	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	95-48-7	T	2-Methylphenol (o-Cresol)	100	U	100	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	88-74-4	T	2-Nitroaniline	5000	U	5000	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	88-75-5	T	2-Nitrophenol	100	U	100	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	91-94-1	T	3,3'-Dichlorobenzidine	2000	U	2000	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	105-67-9	T	3-Methylphenol/4-Methylphenol (m/p-Cresol)	100	U	100	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	99-09-2	T	3-Nitroaniline	5000	U	5000	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	72-54-8	T	4,4'-DDD	10	U	10	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	72-55-9	T	4,4'-DDE	4	J	10	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	50-29-3	T	4,4'-DDT	10	U	10	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	534-52-1	T	4,6-Dinitro-2-methylphenol	5000	U	5000	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	101-55-3	T	4-Bromophenyl Phenyl Ether	100	U	100	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	59-50-7	T	4-Chloro-3-methylphenol	100	U	100	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	7005-72-3	T	4-Chlorophenyl Phenyl Ether	100	U	100	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	100-02-7	T	4-Nitrophenol	5000	U	5000	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	83-32-9	T	Acenaphthene	100	U	100	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	208-96-8	T	Acenaphthylene	100	U	100	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	309-00-2	T	Aldrin	5	U	5	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	319-84-6	T	alpha-BHC	5	U	5	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	5103-71-9	T	alpha-Chlordane	5	U	5	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	7429-90-5	T	Aluminum	22		20	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	120-12-7	T	Anthracene	100	U	100	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	7440-36-0	T	Antimony	1.9	U	1.9	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	7440-38-2	T	Arsenic	2.1		0.55	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	7440-39-3	T	Barium	35		0.51	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	56-55-3	T	Benzo(a)anthracene	100	U	100	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	50-32-8	T	Benzo(a)pyrene	100	U	100	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	205-99-2	T	Benzo(b)fluoranthene	100	U	100	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	191-24-2	T	Benzo(g,h,i)perylene	100	U	100	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	207-08-9	T	Benzo(k)fluoranthene	100	U	100	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	85-68-7	T	Benzyl Butyl Phthalate	100	U	100	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	7440-41-7	T	Beryllium	0.33	U	0.33	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	319-85-7	T	beta-BHC	5	U	5	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	111-91-1	T	bis(2-Chloroethoxy)methane	100	U	100	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	111-44-4	T	bis(2-Chloroethyl)ether	100	U	100	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	117-81-7	T	bis(2-Ethylhexyl)phthalate	100	U	100	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	7440-43-9	T	Cadmium	0.600		0.42	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	86-74-8	T	Carbazole	100	U	100	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	7440-47-3	T	Chromium	8.4		0.55	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	218-01-9	T	Chrysene	100	U	100	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	7440-48-4	T	Cobalt	0.41		0.55	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	7440-50-8	T	Copper	5.4		0.51	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	57-12-5	T	Cyanide	[redacted]	U	[redacted]	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	226-36-8	T	Dibenz(a,h)anthracene	10	U	10	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	319-86-8	T	delta-BHC	5	U	5	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	53-70-3	T	Dibenzo(a,h)anthracene	100	U	100	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	132-64-9	T	Dibenzofuran	100	U	100	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	1746-01-6	T	Dioxins	40	U	40	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	C-DIOXORDB	T	Dioxins/Furans	10	U	10	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	959-98-8	T	Endosulfan I	3	J	10	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	33213-65-9	T	Endosulfan II	10	U	10	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	1031-07-8	T	Endosulfan Sulfate	10	U	10	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	72-20-8	T	Endrin	10	U	10	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	7421-93-4	T	Endrin Aldehyde	10	U	10	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	53494-70-5	T	Endrin Ketone	10	U	10	[redacted]
RIONS	Clam-RIONS	[redacted]	Field Sample	[redacted]	206-44-0	T	Fluoranthene	100	U	100	[redacted]

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	86-73-7	T	Fluorene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8081	58-89-9	T	gamma-BHC (Lindane)	5	U	5	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8081	5103-74-2	T	gamma-Chlordane	5	U	5	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8081	76-44-8	T	Heptachlor	5	U	5	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8081	1024-57-3	T	Heptachlor Epoxide	5	U	5	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	30	U	30	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	118-74-1	T	Hexachlorobenzene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	680	C-HEXACHLORO	T	Hexachlorobiphenyl	20	U	20	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	67-72-1	T	Hexachloroethane	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	6010	7439-89-6	T	Iron	320		0.05	mg/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	78-59-1	T	Isophorone	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	6010	7439-92-1	T	Lead	0.48	U	0.48	mg/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	6010	7439-95-4	T	Magnesium	50		47	mg/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	6010	7439-96-5	T	Manganese	66		0.91	mg/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	6000	U	6000	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8151	93-65-2	T	MCPP	6000	U	6000	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	7471	7439-97-6	T	Mercury	0.0084		0.017	mg/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8081	72-43-5	T	Methoxychlor	50	U	50	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	10	U	10	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	91-20-3	T	Naphthalene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	6010	7440-02-0	T	Nickel	0.89		3.5	mg/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	98-95-3	T	Nitrobenzene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	50	U	50	ug/kg
RICM1S	Clam-RICM1S	02/06/03	Field Sample	8290	3268-87-9	T	OCDD	3.5	U	3.5	pg/g
RICM1S	Clam-RICM1S	02/06/03	Field Sample	8290	39001-02-0	T	OCDF	0.2	U	0.2	pg/g
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	30	U	30	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	106-47-8	T	P-Chloroaniline	2000	U	2000	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	20	U	20	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	87-86-5	T	Pentachlorophenol	5100	U	5100	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8151	87-86-5	T	Pentachlorophenol	51	U	51	ug/kg
RICM1S	Clam-RICM1S	02/06/03	Field Sample	8290	Q847	T	Percent Lipids	4.3		1	%
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	85-01-8	T	Phenanthrene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	108-95-2	T	Phenol	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	100-01-6	T	P-Nitroaniline	5100	U	5100	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	6010	7440-09-7	T	Potassium	100		94	mg/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	129-00-0	T	Pyrene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	6010	7782-49-2	T	Selenium	0.95	U	0.95	mg/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	6010	7440-22-4	T	Silver	0.95	U	0.95	mg/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	6010	7440-23-5	T	Sodium	2200		45	mg/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	20	U	20	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	6010	7440-28-0	T	Thallium	0.95	U	0.95	mg/kg
RICM1S	Clam-RICM1S	02/06/03	Field Sample	8290	37871-00-4	T	Total HpCDD	0.37	U	0.37	pg/g
RICM1S	Clam-RICM1S	02/06/03	Field Sample	8290	38998-75-3	T	Total HpCDF	0.16	U	0.16	pg/g
RICM1S	Clam-RICM1S	02/06/03	Field Sample	8290	34465-46-8	T	Total HxCDD	0.18	U	0.18	pg/g
RICM1S	Clam-RICM1S	02/06/03	Field Sample	8290	55684-94-1	T	Total HxCDF	0.13	U	0.13	pg/g
RICM1S	Clam-RICM1S	02/06/03	Field Sample	8290	36088-22-9	T	Total PeCDD	0.31	U	0.31	pg/g
RICM1S	Clam-RICM1S	02/06/03	Field Sample	8290	30402-15-4	T	Total PeCDF	0.18	U	0.18	pg/g
RICM1S	Clam-RICM1S	02/06/03	Field Sample	8290	41903-57-5	T	Total TCDD	0.49	U	0.49	pg/g
RICM1S	Clam-RICM1S	02/06/03	Field Sample	8290	55722-27-5	T	Total TCDF	1.2	U	1.2	pg/g
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8081	8001-35-2	T	Toxaphene	500	U	500	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	680	C-TRICHLOROB	T	Trichlorobiphenyl	10	U	10	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	6010	7440-62-2	T	Vanadium	0.95	U	0.95	mg/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	6010	7440-66-6	T	Zinc	5.3		0.02	mg/kg
RICM2S	Clam-RICM2S	02/06/03	Field Duplicate	8290	35822-46-9	T	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	0.25	U	0.25	pg/g
RICM2S	Clam-RICM2S	02/06/03	Field Duplicate	8290	67562-39-4	T	1,2,3,4,6,7,8-HpCDF	0.22	U	0.22	pg/g
RICM2S	Clam-RICM2S	02/06/03	Field Duplicate	8290	55673-89-7	T	1,2,3,4,7,8,9-HpCDF	0.27	U	0.27	pg/g
RICM2S	Clam-RICM2S	02/06/03	Field Duplicate	8290	39227-28-6	T	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.25	U	0.25	pg/g
RICM2S	Clam-RICM2S	02/06/03	Field Duplicate	8290	70648-26-9	T	1,2,3,4,7,8-HxCDF	0.17	U	0.17	pg/g
RICM2S	Clam-RICM2S	02/06/03	Field Duplicate	8290	57653-85-7	T	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	0.22	U	0.22	pg/g
RICM2S	Clam-RICM2S	02/06/03	Field Duplicate	8290	57117-44-9	T	1,2,3,6,7,8-HxCDF	0.15	U	0.15	pg/g
RICM2S	Clam-RICM2S	02/06/03	Field Duplicate	8290	19408-74-3	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.21	U	0.21	pg/g
RICM2S	Clam-RICM2S	02/06/03	Field Duplicate	8290	72918-21-9	T	1,2,3,7,8,9-HxCDF	0.19	U	0.19	pg/g
RICM2S	Clam-RICM2S	02/06/03	Field Duplicate	8290	57117-41-6	T	1,2,3,7,8-Pentachlorodibenzofuran	0.18	U	0.18	pg/g
RICM2S	Clam-RICM2S	02/06/03	Field Duplicate	8290	40321-76-4	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.27	U	0.27	pg/g
RICM2S	Clam-RICM2S	02/06/2003	Field Duplicate	8270	120-82-1	T	1,2,4-Trichlorobenzene	990	UJ	990	ug/kg
RICM2S	Clam-RICM2S	02/06/2003	Field Duplicate	8270	95-50-1	T	1,2-Dichlorobenzene	990	UJ	990	ug/kg
RICM2S	Clam-RICM2S	02/06/2003	Field Duplicate	8270	541-73-1	T	1,3-Dichlorobenzene	990	UJ	990	ug/kg
RICM2S	Clam-RICM2S	02/06/2003	Field Duplicate	8270	106-46-7	T	1,4-Dichlorobenzene	990	UJ	990	ug/kg
RICM2S	Clam-RICM2S	02/06/2003	Field Duplicate	8270	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	990	UJ	990	ug/kg
RICM2S	Clam-RICM2S	02/06/03	Field Duplicate	8290	60851-34-5	T	2,3,4,6,7,8-HxCDF	0.18	U	0.18	pg/g
RICM2S	Clam-RICM2S	02/06/03	Field Duplicate	8290	57117-31-4	T	2,3,4,7,8-PeCDF	0.17	U	0.17	pg/g
RICM2S	Clam-RICM2S	02/06/03	Field Duplicate	8290	1746-01-6	T	2,3,7,8-TCDD	0.13	U	0.13	pg/g
RICM2S	Clam-RICM2S	02/06/03	Field Duplicate	8290	51207-31-9	T	2,3,7,8-Tetrachlorodibenzofuran	0.14	U	0.14	pg/g

Appendix II-G

Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Test or Replicate	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4,5-T	25	U	25	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4,5-TP (Silvex)	25	U	25	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4,5-Trichlorophenol	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4,6-Trichlorophenol	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4-D	25	U	25	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4-DB	25	U	25	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4-Dichlorophenol	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4-Dimethylphenol	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4-Dinitrophenol	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,4-Dinitrotoluene	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2,6-Dinitrotoluene	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2-Chloronaphthalene	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2-Chlorophenol	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2-Methylnaphthalene	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2-Methylphenol (o-Cresol)	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2-Nitroaniline	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	2-Nitrophenol	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	3,3'-Dichlorobenzidine	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	3-Nitroaniline	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	4,4'-DDD	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	4,4'-DDE	4.1	J	10	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	4,4'-DDT	10	[illegible]	10	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	4,6-Dinitro-2-methylphenol	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	4-Bromophenyl Phenyl Ether	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	4-Chloro-3-methylphenol	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	4-Chlorophenyl Phenyl Ether	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	4-Nitrophenol	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Acenaphthene	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Acenaphthylene	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Aldrin	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	alpha-BHC	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	alpha-Chlordane	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Aluminum	22		[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Anthracene	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Antimony	1.8	[illegible]	1.8	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Arsenic	1.7		[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Barium	71		[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Benzo(a)anthracene	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Benzo(a)pyrene	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Benzo(b)fluoranthene	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Benzo(g,h,i)perylene	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Benzo(k)fluoranthene	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Benzyl Butyl Phthalate	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Beryllium	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	beta-BHC	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	bis(2-Chloroethoxy)methane	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	bis(2-Chloroethyl)ether	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	bis(2-Ethylhexyl)phthalate	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Cadmium	[illegible]	[illegible]	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Carbazole	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Chromium	[illegible]		[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Chrysene	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Cobalt	[illegible]		[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Copper	4.9		[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Dalapon	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Decachlorobiphenyl	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	delta-BHC	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Dibenz(a,h)anthracene	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Dibenzofuran	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Dicamba	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Dichloroprop	6	J	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Dieldrin	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Diethyl Phthalate	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Dimethyl Phthalate	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Di-n-butylphthalate	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Di-n-octylphthalate	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Dinoseb	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Endosulfan I	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Endosulfan II	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Endosulfan Sulfate	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Endrin	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Endrin Aldehyde	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Endrin Ketone	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Fluoranthene	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	Fluorene	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	gamma-BHC (Lindane)	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	gamma-Chlordane	5	U	5	ug/kg

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
RKCM2S	Clam-RKCM2S	02/06/2003	Field Duplicate	8081	76-44-8	T	Heptachlor	5	U	5	ug/kg
RKCM2S	Clam-RKCM2S	02/06/2003	Field Duplicate	8081	1024-57-3	T	Heptachlor Epoxide	5	U	5	ug/kg
RKCM2S	Clam-RKCM2S	02/06/2003	Field Duplicate	680	C-HEPTACHLOR	T	Heptachlorobiphenyl	30	U	30	ug/kg
RKCM2S	Clam-RKCM2S	02/06/2003	Field Duplicate	8270	118-74-1	T	Hexachlorobenzene	990	UJ	990	ug/kg
RKCM2S	Clam-RKCM2S	02/06/2003	Field Duplicate	680	C-HEXACHLORO	T	Hexachlorobiphenyl	20	U	20	ug/kg
RKCM2S	Clam-RKCM2S	02/06/2003	Field Duplicate	8270	87-68-3	T	Hexachlorobutadiene	990	UJ	990	ug/kg
RKCM2S	Clam-RKCM2S	02/06/2003	Field Duplicate	8270	77-47-4	T	Hexachlorocyclopentadiene	990	UJ	990	ug/kg
RKCM2S	Clam-RKCM2S	02/06/2003	Field Duplicate	8270	67-72-1	T	Hexachloroethane	990	UJ	990	ug/kg
RKCM2S	Clam-RKCM2S	02/06/2003	Field Duplicate	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	990	UJ	990	ug/kg
RKCM2S	Clam-RKCM2S	02/06/2003	Field Duplicate	6010	7439-89-6	T	Iron	280		0.05	mg/kg
RKCM2S	Clam-RKCM2S	02/06/2003	Field Duplicate	8270	78-59-1	T	Isophorone	990	UJ	990	ug/kg
RKCM2S	Clam-RKCM2S	02/06/2003	Field Duplicate	6010	7439-92-1	T	Lead	0.45	U	0.45	mg/kg
RKCM2S	Clam-RKCM2S	02/06/2003	Field Duplicate	6010	7439-95-4	T	Magnesium	50		47	mg/kg
RKCM2S	Clam-RKCM2S	02/06/2003	Field Duplicate	6010	7439-96-5	T	Manganese	73		0.91	mg/kg
RKCM2S	Clam-RKCM2S	02/06/2003	Field Duplicate	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	6000	U	6000	ug/kg
RKCM2S	Clam-RKCM2S	02/06/2003	Field Duplicate	8151	93-65-2	T	MCPP	6000	U	6000	ug/kg
RKCM2S	Clam-RKCM2S	02/06/2003	Field Duplicate	7471	7439-97-6	T	Mercury	0.0088		0.017	mg/kg
RKCM2S	Clam-RKCM2S	02/06/2003	Field Duplicate	8081	72-43-5	T	Methoxychlor	50	U	50	ug/kg
RKCM2S	Clam-RKCM2S	02/06/2003	Field Duplicate	680	C-MONOCHLORO	T	Monochlorobiphenyl	10	U	10	ug/kg
RKCM2S	Clam-RKCM2S	02/06/2003	Field Duplicate	8270	91-20-3	T	Naphthalene	990	UJ	990	ug/kg
RKCM2S	Clam-RKCM2S	02/06/2003	Field Duplicate	6010	7440-02-0	T	Nickel	1.7		3.5	mg/kg
RKCM2S	Clam-RKCM2S	02/06/2003	Field Duplicate	8270	98-95-3	T	Nitrobenzene	990	UJ	990	ug/kg
RKCM2S	Clam-RKCM2S	02/06/2003	Field Duplicate	8270	621-64-7	T	N-Nitroso-di-n-propylamine	990	UJ	990	ug/kg
RKCM2S	Clam-RKCM2S	02/06/2003	Field Duplicate	8270	86-30-6	T	N-Nitrosodiphenylamine	990	UJ	990	ug/kg
RKCM2S	Clam-RKCM2S	02/06/2003	Field Duplicate	680	C-NONACHLORO	T	Nonachlorobiphenyl	50	U	50	ug/kg
RKCM2S	Clam-RKCM2S	02/06/03	Field Duplicate	8290	3268-87-9	T	OCDD	1.7	U	1.7	pg/g
RKCM2S	Clam-RKCM2S	02/06/03	Field Duplicate	8290	39001-02-0	T	OCDF	0.31	U	0.31	pg/g
RKCM2S	Clam-RKCM2S	02/06/2003	Field Duplicate	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	30	U	30	ug/kg
RKCM2S	Clam-RKCM2S	02/06/2003	Field Duplicate	8270	106-47-8	T	P-Chloroaniline	2000	UJ	2000	ug/kg
RKCM2S	Clam-RKCM2S	02/06/2003	Field Duplicate	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	20	U	20	ug/kg
RKCM2S	Clam-RKCM2S	02/06/2003	Field Duplicate	8151	87-86-5	T	Pentachlorophenol	51	U	51	ug/kg
RKCM2S	Clam-RKCM2S	02/06/2003	Field Duplicate	8270	87-86-5	T	Pentachlorophenol	5100	UJ	5100	ug/kg
RKCM2S	Clam-RKCM2S	02/06/06	Field Duplicate	8290	OB47	T	Percent Lipids	3.6		1	%
RKCM2S	Clam-RKCM2S	02/06/2003	Field Duplicate	8270	85-01-8	T	Phenanthrene	990	UJ	990	ug/kg
RKCM2S	Clam-RKCM2S	02/06/2003	Field Duplicate	8270	108-95-2	T	Phenol	990	UJ	990	ug/kg
RKCM2S	Clam-RKCM2S	02/06/2003	Field Duplicate	8270	100-01-6	T	P-Nitroaniline	5100	UJ	5100	ug/kg
RKCM2S	Clam-RKCM2S	02/06/2003	Field Duplicate	6010	7440-09-7	T	Potassium	120		94	mg/kg
RKCM2S	Clam-RKCM2S	02/06/2003	Field Duplicate	8270	129-00-0	T	Pyrene	990	UJ	990	ug/kg
RKCM2S	Clam-RKCM2S	02/06/2003	Field Duplicate	6010	7782-49-2	T	Selenium	0.9	U	0.9	mg/kg
RKCM2S	Clam-RKCM2S	02/06/2003	Field Duplicate	6010	7440-22-4	T	Silver	0.9	U	0.9	mg/kg
RKCM2S	Clam-RKCM2S	02/06/2003	Field Duplicate	6010	7440-23-5	T	Sodium	2300		45	mg/kg
RKCM2S	Clam-RKCM2S	02/06/2003	Field Duplicate	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	20	U	20	ug/kg
RKCM2S	Clam-RKCM2S	02/06/2003	Field Duplicate	6010	7440-28-0	T	Thallium	0.9	U	0.9	mg/kg
RKCM2S	Clam-RKCM2S	02/06/06	Field Duplicate	8290	37871-00-4	T	Total HpCDD	0.25	U	0.25	pg/g
RKCM2S	Clam-RKCM2S	02/06/06	Field Duplicate	8290	38998-75-3	T	Total HpCDF	0.27	U	0.27	pg/g
RKCM2S	Clam-RKCM2S	02/06/06	Field Duplicate	8290	34465-46-8	T	Total HxCDD	0.25	U	0.25	pg/g
RKCM2S	Clam-RKCM2S	02/06/06	Field Duplicate	8290	55684-94-1	T	Total HxCDF	0.19	U	0.19	pg/g
RKCM2S	Clam-RKCM2S	02/06/06	Field Duplicate	8290	36088-22-9	T	Total PeCDD	0.27	U	0.27	pg/g
RKCM2S	Clam-RKCM2S	02/06/06	Field Duplicate	8290	30402-15-4	T	Total PeCDF	0.18	U	0.18	pg/g
RKCM2S	Clam-RKCM2S	02/06/06	Field Duplicate	8290	41903-57-5	T	Total TCDD	0.15	U	0.15	pg/g
RKCM2S	Clam-RKCM2S	02/06/06	Field Duplicate	8290	55722-27-5	T	Total TCDF	1.5	U	1.5	pg/g
RKCM2S	Clam-RKCM2S	02/06/2003	Field Duplicate	8081	8001-35-2	T	Toxaphene	500	U	500	ug/kg
RKCM2S	Clam-RKCM2S	02/06/2003	Field Duplicate	680	C-TRICHLOROB	T	Trichlorobiphenyl	10	U	10	ug/kg
RKCM2S	Clam-RKCM2S	02/06/2003	Field Duplicate	6010	7440-62-2	T	Vanadium	0.9	U	0.9	mg/kg
RKCM2S	Clam-RKCM2S	02/06/2003	Field Duplicate	6010	7440-66-6	T	Zinc	4.1		0.02	mg/kg
R5AM1S	Clam-R5AM1S	02/06/03	Field Sample	8290	35822-46-9	T	1,2,3,4,6,7,8-HeptaChlorodibenzo-P-Dioxin	1.1	U	1.1	pg/g
R5AM1S	Clam-R5AM1S	02/06/03	Field Sample	8290	67562-39-4	T	1,2,3,4,6,7,8-HpCDF	0.54	U	0.54	pg/g
R5AM1S	Clam-R5AM1S	02/06/03	Field Sample	8290	55673-89-7	T	1,2,3,4,7,8,9-HpCDF	0.65	U	0.65	pg/g
R5AM1S	Clam-R5AM1S	02/06/03	Field Sample	8290	39227-28-6	T	1,2,3,4,7,8-HexaChlorodibenzo-P-Dioxin	1.1	UJ	1.1	pg/g
R5AM1S	Clam-R5AM1S	02/06/03	Field Sample	8290	70648-26-9	T	1,2,3,4,7,8-HxCDF	0.7	U	0.7	pg/g
R5AM1S	Clam-R5AM1S	02/06/03	Field Sample	8290	57653-85-7	T	1,2,3,6,7,8-HexaChlorodibenzo-P-Dioxin	1	U	1	pg/g
R5AM1S	Clam-R5AM1S	02/06/03	Field Sample	8290	57117-44-9	T	1,2,3,6,7,8-HxCDF	0.61	UJ	0.61	pg/g
R5AM1S	Clam-R5AM1S	02/06/03	Field Sample	8290	19408-74-3	T	1,2,3,7,8,9-HexaChlorodibenzo-P-Dioxin	1	U	1	pg/g
R5AM1S	Clam-R5AM1S	02/06/03	Field Sample	8290	72918-21-9	T	1,2,3,7,8,9-HxCDF	0.82	U	0.82	pg/g
R5AM1S	Clam-R5AM1S	02/06/03	Field Sample	8290	57117-41-6	T	1,2,3,7,8-PentaChlorodibenzofuran	0.55	U	0.55	pg/g
R5AM1S	Clam-R5AM1S	02/06/03	Field Sample	8290	40321-76-4	T	1,2,3,7,8-PentaChlorodibenzo-P-Dioxin	1.6	U	1.6	pg/g
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	8270	120-82-1	T	1,2,4-Trichlorobenzene	990	U	990	ug/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	8270	95-50-1	T	1,2-Dichlorobenzene	990	U	990	ug/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	8270	541-73-1	T	1,3-Dichlorobenzene	990	U	990	ug/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	8270	106-46-7	T	1,4-Dichlorobenzene	990	U	990	ug/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	8270	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	990	U	990	ug/kg
R5AM1S	Clam-R5AM1S	02/06/03	Field Sample	8290	60851-34-5	T	2,3,4,6,7,8-HxCDF	0.71	U	0.71	pg/g
R5AM1S	Clam-R5AM1S	02/06/03	Field Sample	8290	57117-31-4	T	2,3,4,7,8-PeCDF	0.55	U	0.55	pg/g
R5AM1S	Clam-R5AM1S	02/06/06	Field Sample	8290	1746-01-6	T	2,3,7,8-TCDD	0.61	U	0.61	pg/g
R5AM1S	Clam-R5AM1S	02/06/03	Field Sample	8290	51207-31-9	T	2,3,7,8-TetraChlorodibenzofuran	0.52	U	0.52	pg/g
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	8151	93-76-5	T	2,4,5-T	8.3	U	8.3	ug/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	8151	93-72-1	T	2,4,5-TP (Silvex)	8.3	U	8.3	ug/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	8270	95-95-4	T	2,4,5-Trichlorophenol	990	U	990	ug/kg

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4,5-Trichlorophenol	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-D	0.3	U	0.3	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-DB	0.3	U	0.3	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dichlorophenol	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dimethylphenol	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dinitrophenol	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dinitrotoluene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,6-Dinitrotoluene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Chloronaphthalene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Chlorophenol	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Methylnaphthalene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Methylphenol (o-Cresol)	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Nitroaniline	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Nitrophenol	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3,3'-Dichlorobenzidine	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3-Nitroaniline	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,4'-DDD	18	U	18	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,4'-DDE	4.2	J	18	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,4'-DDT	18	U	18	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,6-Dinitro-2-methylphenol	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Bromophenyl Phenyl Ether	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Chloro-3-methylphenol	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Chlorophenyl Phenyl Ether	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Nitrophenol	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Acenaphthene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Acenaphthylene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Aldrin	5	U	5	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	alpha-BHC	5	U	5	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	alpha-Chlordane	5	U	5	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Aluminum	38	J	38	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Antimony	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Antimony	1.5	U	1.5	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Arsenic	1.7		0.65	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Barium	65		0.55	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo[a]anthracene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo[a]pyrene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo[b]fluoranthene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo[g,h,i]perylene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo[k]fluoranthene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzyl butyl Phthalate	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Beryllium	0.33	U	0.33	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	beta-BHC	5	U	5	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	bis(2-Chloroethoxy)methane	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	bis(2-Chloroethyl)ether	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	bis(2-Ethylhexyl)phthalate	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Cadmium	0.47	U	0.47	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Calcium	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Chromium	72		0.65	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Chrysene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Cobalt	0.34		0.65	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Copper	5.8		0.65	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Iron	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dibenzofuran	39	U	39	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	delta-BHC	5	U	5	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dibenzo[a,h]anthracene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dibenzofuran	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dieldrin	20	U	20	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-DICLOROB	T	Diethylphenol	18	U	18	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dimethoate	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endrin	18	U	18	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Ethyl Phthalate	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Ethyl Phthalate	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Di-n-butylphthalate	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dieldrin	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endosulfan I	5	U	5	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endosulfan II	18	U	18	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endosulfan Sulfate	18	U	18	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endrin	18	U	18	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endrin Aldehyde	18	U	18	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endrin Ketone	18	U	18	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Fluoranthene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Fluorene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	gamma-BHC (Lindane)	5	U	5	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	gamma-Chlordane	5	U	5	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Heptachlor	5	U	5	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Heptachlor Epoxide	5	U	5	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-BIPHCHLOR	T	Hexachlorobiphenyl	39	U	39	ug/g

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	8270	118-74-1	T	Hexachlorobenzene	990	U	990	ug/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	680	C-HEXACHLORO	T	Hexachlorobiphenyl	20	U	20	ug/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	990	U	990	ug/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	990	U	990	ug/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	8270	67-72-1	T	Hexachloroethane	990	U	990	ug/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	990	U	990	ug/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	6010	7439-89-6	T	Iron	270	J	0.05	mg/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	8270	78-59-1	T	Isophorone	990	U	990	ug/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	6010	7439-92-1	T	Lead	0.47	U	0.47	mg/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	6010	7439-95-4	T	Magnesium	56		47	mg/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	6010	7439-96-5	T	Manganese	77		0.91	mg/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	2000	U	2000	ug/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	8151	93-65-2	T	MCPP	2000	U	2000	ug/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	7471	7439-97-6	T	Mercury	0.0058	J	0.017	mg/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	8081	72-43-5	T	Methoxychlor	50	U	50	ug/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	10	U	10	ug/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	8270	91-20-3	T	Naphthalene	990	U	990	ug/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	6010	7440-02-0	T	Nickel	1.1		3.5	mg/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	8270	98-95-3	T	Nitrobenzene	990	U	990	ug/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	990	U	990	ug/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	990	U	990	ug/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	50	U	50	ug/kg
R5AM1S	Clam-R5AM1S	02/06/03	Field Sample	8290	3268-87-9	T	OCDD	3.4	U	3.4	pg/g
R5AM1S	Clam-R5AM1S	02/06/03	Field Sample	8290	39001-02-0	T	OCDF	1.4	U	1.4	pg/g
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	30	U	30	ug/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	8270	106-47-8	T	P-Chloroaniline	2000	U	2000	ug/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	20	U	20	ug/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	8270	87-86-5	T	Pentachlorophenol	5100	U	5100	ug/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	8151	87-86-5	T	Pentachlorophenol	17	U	17	ug/kg
R5AM1S	Clam-R5AM1S	02/06/03	Field Sample	8290	C847	T	Percent Lipids	1.5		1	%
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	8270	85-01-8	T	Phenanthrene	990	U	990	ug/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	8270	108-95-2	T	Phenol	990	U	990	ug/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	8270	100-01-6	T	P-Nitroaniline	5100	U	5100	ug/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	6010	7440-09-7	T	Potassium	140		94	mg/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	8270	129-00-0	T	Pyrene	990	U	990	ug/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	6010	7782-49-2	T	Selenium	0.94	U	0.94	mg/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	6010	7440-22-4	T	Silver	0.94	U	0.94	mg/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	6010	7440-23-5	T	Sodium	2200	J	45	mg/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	20	U	20	ug/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	6010	7440-28-0	T	Thallium	0.94	U	0.94	mg/kg
R5AM1S	Clam-R5AM1S	02/06/03	Field Sample	8290	37871-00-4	T	Total HpCDD	1.1	U	1.1	pg/g
R5AM1S	Clam-R5AM1S	02/06/03	Field Sample	8290	38998-75-3	T	Total HpCDF	0.65	U	0.65	pg/g
R5AM1S	Clam-R5AM1S	02/06/03	Field Sample	8290	34465-46-8	T	Total HxCDD	1.1	U	1.1	pg/g
R5AM1S	Clam-R5AM1S	02/06/03	Field Sample	8290	55684-94-1	T	Total HxCDF	0.82	U	0.82	pg/g
R5AM1S	Clam-R5AM1S	02/06/03	Field Sample	8290	36088-22-9	T	Total PeCDD	1.5	U	1.5	pg/g
R5AM1S	Clam-R5AM1S	02/06/03	Field Sample	8290	30402-15-4	T	Total PeCDF	0.8	U	0.8	pg/g
R5AM1S	Clam-R5AM1S	02/06/03	Field Sample	8290	41903-57-5	T	Total TCDD	0.61	U	0.61	pg/g
R5AM1S	Clam-R5AM1S	02/06/03	Field Sample	8290	55722-27-5	T	Total TCDF	0.52	U	0.52	pg/g
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	8081	8001-35-2	T	Toxaphene	500	U	500	ug/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	680	C-TRICHLORO8	T	Trichlorobiphenyl	10	U	10	ug/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	6010	7440-62-2	T	Vanadium	0.94	U	0.94	mg/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	6010	7440-66-6	T	Zinc	4.6	J	0.02	mg/kg
R5AM1S	Clam-R5AM1S	02/06/03	Field Sample	8290	35822-46-9	T	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	0.33	U	0.33	pg/g
R5AM1S	Clam-R5AM1S	02/06/03	Field Sample	8290	67562-39-4	T	1,2,3,4,6,7,8-HpCDF	0.15	U	0.15	pg/g
R5AM1S	Clam-R5AM1S	02/06/03	Field Sample	8290	55673-89-7	T	1,2,3,4,7,8,9-HpCDF	0.24	U	0.24	pg/g
R5AM1S	Clam-R5AM1S	02/06/03	Field Sample	8290	39227-28-6	T	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.2	U	0.2	pg/g
R5AM1S	Clam-R5AM1S	02/06/03	Field Sample	8290	70648-26-9	T	1,2,3,4,7,8-HxCDF	0.11	U	0.11	pg/g
R5AM1S	Clam-R5AM1S	02/06/03	Field Sample	8290	57653-85-7	T	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	0.18	U	0.18	pg/g
R5AM1S	Clam-R5AM1S	02/06/03	Field Sample	8290	57117-44-9	T	1,2,3,6,7,8-HxCDF	0.09	U	0.09	pg/g
R5AM1S	Clam-R5AM1S	02/06/03	Field Sample	8290	19408-74-3	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.17	U	0.17	pg/g
R5AM1S	Clam-R5AM1S	02/06/03	Field Sample	8290	72918-21-9	T	1,2,3,7,8,9-HxCDF	0.12	U	0.12	pg/g
R5AM1S	Clam-R5AM1S	02/06/03	Field Sample	8290	57117-41-6	T	1,2,3,7,8-Pentachlorodibenzofuran	0.13	U	0.13	pg/g
R5AM1S	Clam-R5AM1S	02/06/03	Field Sample	8290	40321-76-4	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.18	U	0.18	pg/g
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	8270	120-82-1	T	1,2,4-Trichlorobenzene	990	UJ	990	ug/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	8270	95-50-1	T	1,2-Dichlorobenzene	990	UJ	990	ug/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	8270	541-73-1	T	1,3-Dichlorobenzene	990	UJ	990	ug/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	8270	106-46-7	T	1,4-Dichlorobenzene	990	UJ	990	ug/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	8270	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	990	UJ	990	ug/kg
R5AM1S	Clam-R5AM1S	02/06/03	Field Sample	8290	60851-34-5	T	2,3,4,6,7,8-HxCDF	0.11	U	0.11	pg/g
R5AM1S	Clam-R5AM1S	02/06/03	Field Sample	8290	57117-31-4	T	2,3,4,7,8-PeCDF	0.12	U	0.12	pg/g
R5AM1S	Clam-R5AM1S	02/06/03	Field Sample	8290	1746-01-6	T	2,3,7,8-TCDD	0.08	U	0.08	pg/g
R5AM1S	Clam-R5AM1S	02/06/03	Field Sample	8290	51207-31-9	T	2,3,7,8-Tetrachlorodibenzofuran	0.12	U	0.12	pg/g
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	8151	93-76-5	T	2,4,5-T	25	U	25	ug/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	8151	93-72-1	T	2,4,5-TP (Silvex)	25	U	25	ug/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	8270	95-95-4	T	2,4,5-Trichlorophenol	990	UJ	990	ug/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	8270	88-06-2	T	2,4,6-Trichlorophenol	990	UJ	990	ug/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	8151	94-75-7	T	2,4-D	7.2	J	8.3	ug/kg
R5AM1S	Clam-R5AM1S	02/06/2003	Field Sample	8151	94-82-6	T	2,4-DB	25	U	25	ug/kg

Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dichlorophenol	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dimethylphenol	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dinitrophenol	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dinitrotoluene	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,6-Dinitrotoluene	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Chloronaphthalene	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Chlorophenol	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Methylnaphthalene	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Methylphenol (o-Cresol)	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Nitroaniline	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Nitrophenol	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3,3'-Dichlorobenzidine	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3-Methylphenol/4-Methylphenol (m,p-Cresol)	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3-Nitroaniline	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,4'-DDD	10	[illegible]	10	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,4'-DDE	5.5	J	10	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,4'-DDT	10	[illegible]	10	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,6-Dinitro-2-methylphenol	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Bromophenyl Phenyl Ether	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Chloro-3-methylphenol	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Chlorophenyl Phenyl Ether	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Nitrophenol	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Acenaphthene	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Acenaphthylene	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Aldrin	5	U	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	alpha-BHC	5	U	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	alpha-Chlordane	5	U	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Aluminum	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Anthracene	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Antimony	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Arsenic	2.3		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Barium	110		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo(a)anthracene	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo(a)pyrene	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo(b)fluoranthene	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo(g,h,i)perylene	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo(k)fluoranthene	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzyl Butyl Phthalate	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Beryllium	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	beta-BHC	5	U	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	bis(2-Chloroethoxy)methane	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	bis(2-Chloroethyl)ether	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	bis(2-Ethylhexyl)phthalate	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Cadmium	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Carbazole	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Chromium	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Chrysene	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Cobalt	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Copper	6		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dalapon	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Decachlorobiphenyl	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	delta-BHC	5	U	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dibenz(a,h)anthracene	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dibenzofuran	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dicamba	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-DICHLORO[illegible]	T	Dichlorobiphenyl	10	U	10	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dichlorprop	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dieldrin	10	U	10	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Diethyl Phthalate	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dimethyl Phthalate	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Di-n-butylphthalate	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Di-n-octylphthalate	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dinoseb	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endosulfan I	5	U	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endosulfan II	10	U	10	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endosulfan Sulfate	10	U	10	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endrin	10	U	10	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endrin Aldehyde	10	U	10	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endrin Ketone	10	U	10	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Fluoranthene	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Fluorene	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	gamma-BHC (Lindane)	5	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	gamma-Chlordane	5	U	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Heptachlor	5	U	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Heptachlor Epoxide	5	U	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-HEPTACHLOR	T	Heptachlorobiphenyl	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Hexachlorobenzene	[illegible]	UJ	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-HEXACHLORO	T	Hexachlorobiphenyl	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Hexachlorobutadiene	[illegible]	UJ	[illegible]	[illegible]

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R5AN1S	Clam-R5AN1S	02/06/2003	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	990	UJ	990	ug/kg
R5AN1S	Clam-R5AN1S	02/06/2003	Field Sample	8270	67-72-1	T	Hexachloroethane	990	UJ	990	ug/kg
R5AN1S	Clam-R5AN1S	02/06/2003	Field Sample	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	990	UJ	990	ug/kg
R5AN1S	Clam-R5AN1S	02/06/2003	Field Sample	6010	7439-89-6	T	Iron	480		0.05	mg/kg
R5AN1S	Clam-R5AN1S	02/06/2003	Field Sample	8270	78-59-1	T	Isophorone	990	UJ	990	ug/kg
R5AN1S	Clam-R5AN1S	02/06/2003	Field Sample	6010	7439-92-1	T	Lead	0.48	U	0.48	mg/kg
R5AN1S	Clam-R5AN1S	02/06/2003	Field Sample	6010	7439-95-4	T	Magnesium	85		47	mg/kg
R5AN1S	Clam-R5AN1S	02/06/2003	Field Sample	6010	7439-96-5	T	Manganese	650		0.91	mg/kg
R5AN1S	Clam-R5AN1S	02/06/2003	Field Sample	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	6000	U	6000	ug/kg
R5AN1S	Clam-R5AN1S	02/06/2003	Field Sample	8151	93-65-2	T	MCPP	600	J	2000	ug/kg
R5AN1S	Clam-R5AN1S	02/06/2003	Field Sample	7471	7439-97-6	T	Mercury	0.0049		0.017	mg/kg
R5AN1S	Clam-R5AN1S	02/06/2003	Field Sample	8081	72-43-5	T	Methoxychlor	50	U	50	ug/kg
R5AN1S	Clam-R5AN1S	02/06/2003	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	10	U	10	ug/kg
R5AN1S	Clam-R5AN1S	02/06/2003	Field Sample	8270	91-20-3	T	Naphthalene	990	UJ	990	ug/kg
R5AN1S	Clam-R5AN1S	02/06/2003	Field Sample	6010	7440-02-0	T	Nickel	1.1		3.5	mg/kg
R5AN1S	Clam-R5AN1S	02/06/2003	Field Sample	8270	98-95-3	T	Nitrobenzene	990	UJ	990	ug/kg
R5AN1S	Clam-R5AN1S	02/06/2003	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	990	UJ	990	ug/kg
R5AN1S	Clam-R5AN1S	02/06/2003	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	990	UJ	990	ug/kg
R5AN1S	Clam-R5AN1S	02/06/2003	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	50	U	50	ug/kg
R5AN1S	Clam-R5AN1S	02/06/03	Field Sample	8290	3268-87-9	T	OCDD	3.6	U	3.6	pg/g
R5AN1S	Clam-R5AN1S	02/06/03	Field Sample	8290	39001-02-0	T	OCDF	0.24	U	0.24	pg/g
R5AN1S	Clam-R5AN1S	02/06/2003	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	30	U	30	ug/kg
R5AN1S	Clam-R5AN1S	02/06/2003	Field Sample	8270	106-47-8	T	P-Chloroaniline	2000	UJ	2000	ug/kg
R5AN1S	Clam-R5AN1S	02/06/2003	Field Sample	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	20	U	20	ug/kg
R5AN1S	Clam-R5AN1S	02/06/2003	Field Sample	8151	87-86-5	T	Pentachlorophenol	51	U	51	ug/kg
R5AN1S	Clam-R5AN1S	02/06/2003	Field Sample	8270	87-86-5	T	Pentachlorophenol	5100	UJ	5100	ug/kg
R5AN1S	Clam-R5AN1S	02/06/03	Field Sample	8290	C847	T	Percent Lipids	5.7		1	%
R5AN1S	Clam-R5AN1S	02/06/2003	Field Sample	8270	85-01-8	T	Phenanthrene	990	UJ	990	ug/kg
R5AN1S	Clam-R5AN1S	02/06/2003	Field Sample	8270	108-95-2	T	Phenol	990	UJ	990	ug/kg
R5AN1S	Clam-R5AN1S	02/06/2003	Field Sample	8270	100-01-6	T	P-Nitroaniline	5100	UJ	5100	ug/kg
R5AN1S	Clam-R5AN1S	02/06/2003	Field Sample	6010	7440-09-7	T	Potassium	140		94	mg/kg
R5AN1S	Clam-R5AN1S	02/06/2003	Field Sample	8270	129-00-0	T	Pyrene	990	UJ	990	ug/kg
R5AN1S	Clam-R5AN1S	02/06/2003	Field Sample	6010	7782-49-2	T	Selenium	0.96	U	0.96	mg/kg
R5AN1S	Clam-R5AN1S	02/06/2003	Field Sample	6010	7440-22-4	T	Silver	0.96	U	0.96	mg/kg
R5AN1S	Clam-R5AN1S	02/06/2003	Field Sample	6010	7440-23-5	T	Sodium	1700		45	mg/kg
R5AN1S	Clam-R5AN1S	02/06/2003	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	20	U	20	ug/kg
R5AN1S	Clam-R5AN1S	02/06/2003	Field Sample	6010	7440-28-0	T	Thallium	0.96	U	0.96	mg/kg
R5AN1S	Clam-R5AN1S	02/06/03	Field Sample	8290	37871-00-4	T	Total HpCDD	0.4	U	0.4	pg/g
R5AN1S	Clam-R5AN1S	02/06/03	Field Sample	8290	38998-75-3	T	Total HpCDF	0.24	U	0.24	pg/g
R5AN1S	Clam-R5AN1S	02/06/03	Field Sample	8290	34465-46-8	T	Total HxCDD	0.2	U	0.2	pg/g
R5AN1S	Clam-R5AN1S	02/06/03	Field Sample	8290	55684-94-1	T	Total HxCDF	0.12	U	0.12	pg/g
R5AN1S	Clam-R5AN1S	02/06/03	Field Sample	8290	36088-22-9	T	Total PeCDD	0.35	U	0.35	pg/g
R5AN1S	Clam-R5AN1S	02/06/03	Field Sample	8290	30402-15-4	T	Total PeCDF	0.16	U	0.16	pg/g
R5AN1S	Clam-R5AN1S	02/06/03	Field Sample	8290	41903-57-5	T	Total TCDD	0.14	U	0.14	pg/g
R5AN1S	Clam-R5AN1S	02/06/03	Field Sample	8290	55722-27-5	T	Total TCDF	1.8	U	1.8	pg/g
R5AN1S	Clam-R5AN1S	02/06/2003	Field Sample	8081	8001-35-2	T	Toxaphene	500	U	500	ug/kg
R5AN1S	Clam-R5AN1S	02/06/2003	Field Sample	680	C-TRICHLOROB	T	Trichlorobiphenyl	10	U	10	ug/kg
R5AN1S	Clam-R5AN1S	02/06/2003	Field Sample	6010	7440-62-2	T	Vanadium	1.2		0.85	mg/kg
R5AN1S	Clam-R5AN1S	02/06/2003	Field Sample	6010	7440-66-6	T	Zinc	7.2		0.02	mg/kg
R5AU1S	Clam-R5AU1S	02/06/03	Field Sample	8290	35822-46-9	T	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	0.19	U	0.19	pg/g
R5AU1S	Clam-R5AU1S	02/06/03	Field Sample	8290	67562-39-4	T	1,2,3,4,6,7,8-HpCDF	0.085	U	0.085	pg/g
R5AU1S	Clam-R5AU1S	02/06/03	Field Sample	8290	55673-89-7	T	1,2,3,4,7,8,9-HpCDF	0.11	U	0.11	pg/g
R5AU1S	Clam-R5AU1S	02/06/03	Field Sample	8290	39227-28-6	T	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.15	U	0.15	pg/g
R5AU1S	Clam-R5AU1S	02/06/03	Field Sample	8290	70648-26-9	T	1,2,3,4,7,8-HxCDF	0.089	U	0.089	pg/g
R5AU1S	Clam-R5AU1S	02/06/03	Field Sample	8290	57653-85-7	T	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	0.13	U	0.13	pg/g
R5AU1S	Clam-R5AU1S	02/06/03	Field Sample	8290	57117-44-9	T	1,2,3,6,7,8-HxCDF	0.081	U	0.081	pg/g
R5AU1S	Clam-R5AU1S	02/06/03	Field Sample	8290	19408-74-3	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.13	U	0.13	pg/g
R5AU1S	Clam-R5AU1S	02/06/03	Field Sample	8290	72918-21-9	T	1,2,3,7,8,9-HxCDF	0.08	UJ	0.08	pg/g
R5AU1S	Clam-R5AU1S	02/06/03	Field Sample	8290	57117-41-6	T	1,2,3,7,8-Pentachlorodibenzofuran	0.15	U	0.15	pg/g
R5AU1S	Clam-R5AU1S	02/06/03	Field Sample	8290	40321-76-4	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.22	U	0.22	pg/g
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	8270	120-82-1	T	1,2,4-Trichlorobenzene	990	U	990	ug/kg
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	8270	95-50-1	T	1,2-Dichlorobenzene	990	U	990	ug/kg
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	8270	541-73-1	T	1,3-Dichlorobenzene	990	U	990	ug/kg
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	8270	106-46-7	T	1,4-Dichlorobenzene	990	U	990	ug/kg
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	8270	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	990	U	990	ug/kg
R5AU1S	Clam-R5AU1S	02/06/03	Field Sample	8290	60851-34-5	T	2,3,4,6,7,8-HxCDF	0.072	U	0.072	pg/g
R5AU1S	Clam-R5AU1S	02/06/03	Field Sample	8290	57117-31-4	T	2,3,4,7,8-PeCDF	0.15	U	0.15	pg/g
R5AU1S	Clam-R5AU1S	02/06/03	Field Sample	8290	1746-01-6	T	2,3,7,8-TCDD	0.094	U	0.094	pg/g
R5AU1S	Clam-R5AU1S	02/06/03	Field Sample	8290	51207-31-9	T	2,3,7,8-Tetrachlorodibenzofuran	0.14	U	0.14	pg/g
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	8151	93-76-5	T	2,4,5-T	8.3	U	8.3	ug/kg
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	8151	93-72-1	T	2,4,5-TP (Silvex)	8.3	U	8.3	ug/kg
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	8270	95-95-4	T	2,4,5-Trichlorophenol	990	U	990	ug/kg
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	8270	88-06-2	T	2,4,6-Trichlorophenol	990	U	990	ug/kg
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	8151	94-75-7	T	2,4-D	8.3	U	8.3	ug/kg
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	8151	94-82-6	T	2,4-DB	8.3	U	8.3	ug/kg
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	8270	120-83-2	T	2,4-Dichlorophenol	990	U	990	ug/kg
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	8270	105-67-9	T	2,4-Dimethylphenol	990	U	990	ug/kg
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	8270	51-28-5	T	2,4-Dinitrophenol	5100	U	5100	ug/kg

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,4-Dinitrotoluene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2,6-Dinitrotoluene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Chloronaphthalene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Chlorophenol	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Methylnaphthalene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Methylphenol (o-Cresol)	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Nitroaniline	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Nitrophenol	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3,3'-Dichlorobenzidine	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3-Methylphenol/4-Methylphenol (m/p-Cresol)	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3-Nitroaniline	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,4'-DDD	10	U	10	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,4'-DDE	4.6	J	10	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,4'-DDT	10	U	10	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,6-Dinitro-2-methylphenol	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Bromophenyl Phenyl Ether	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Chloro-3-methylphenol	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Chlorophenyl Phenyl Ether	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Nitrophenol	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Acenaphthene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Acenaphthylene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Aldrin	5	U	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	alpha-BHC	5	U	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	alpha-Chlordane	5	U	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Aluminum	20	J	20	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Anthracene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Antimony	1.9	U	1.9	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Arsenic	1.5		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Barium	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo(a)anthracene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo(a)pyrene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo(b)fluoranthene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo(g,h,i)perylene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo(k)fluoranthene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzyl Butyl Phthalate	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Beryllium	0.33	U	0.33	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	beta-BHC	5	U	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	bis(2-Chloroethoxy)methane	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	bis(2-Chloroethyl)ether	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	bis(2-Ethylhexyl)phthalate	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Cadmium	0.47	U	0.47	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Carbazole	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Chromium	1.2		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Chrysene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Cobalt	0.94	U	0.94	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Copper	3.5		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dalapon	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Decachlorobiphenyl	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	delta-BHC	5	U	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dibenz(a,h)anthracene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dibenzofuran	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dicamba	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dichlorobiphenyl	10	U	10	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dichloroprop	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dieldrin	10	U	10	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Diethyl Phthalate	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dimethyl Phthalate	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Di-n-butylphthalate	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Di-n-octylphthalate	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dinoseb	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endosulfan I	5	U	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endosulfan II	10	U	10	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endosulfan Sulfate	10	U	10	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endrin	10	U	10	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endrin Aldehyde	10	U	10	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endrin Ketone	10	U	10	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Fluoranthene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Fluorene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	gamma-BHC (Lindane)	5	U	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	gamma-Chlordane	5	U	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Heptachlor	5	U	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Heptachlor Epoxide	5	U	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-HEPTACHLOR	T	Heptachlorobiphenyl	30	U	30	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Hexachlorobenzene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-HEXACHLORO	T	Hexachlorobiphenyl	20	U	20	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Hexachlorobutadiene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Hexachlorocyclopentadiene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Hexachloroethane	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Indeno(1,2,3-cd)pyrene	[illegible]	U	[illegible]	[illegible]

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	6010	7439-89-6	T	Iron	240	J	0.05	mg/kg
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	8270	78-59-1	T	Isophorone	990	U	990	ug/kg
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	6010	7439-92-1	T	Lead	0.47	U	0.47	mg/kg
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	6010	7439-95-4	T	Magnesium	38		47	mg/kg
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	6010	7439-96-5	T	Manganese	48		0.91	mg/kg
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	2000	U	2000	ug/kg
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	8151	93-65-2	T	MCPP	2000	U	2000	ug/kg
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	7471	7439-97-6	T	Mercury	0.013	J	0.017	mg/kg
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	8081	72-43-5	T	Methoxychlor	50	U	50	ug/kg
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	10	U	10	ug/kg
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	8270	91-20-3	T	Naphthalene	990	U	990	ug/kg
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	6010	7440-02-0	T	Nickel	0.27		3.5	mg/kg
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	8270	98-95-3	T	Nitrobenzene	990	U	990	ug/kg
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	990	U	990	ug/kg
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	990	U	990	ug/kg
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	50	U	50	ug/kg
R5AU1S	Clam-R5AU1S	02/06/03	Field Sample	8290	3268-87-9	T	OCDD	4.3	U	4.3	pg/g
R5AU1S	Clam-R5AU1S	02/06/03	Field Sample	8290	39001-02-0	T	OCDF	0.13	U	0.13	pg/g
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	30	U	30	ug/kg
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	8270	106-47-8	T	P-Chloroaniline	2000	U	2000	ug/kg
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	20	U	20	ug/kg
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	8270	87-86-5	T	Pentachlorophenol	5100	U	5100	ug/kg
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	8151	87-86-5	T	Pentachlorophenol	17	U	17	ug/kg
R5AU1S	Clam-R5AU1S	02/06/03	Field Sample	8290	Q647	T	Percent Lipids	3.8		1	%
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	8270	85-01-8	T	Phenanthrene	990	U	990	ug/kg
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	8270	108-95-2	T	Phenol	990	U	990	ug/kg
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	8270	100-01-6	T	P-Nitroaniline	5100	U	5100	ug/kg
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	6010	7440-09-7	T	Potassium	99		94	mg/kg
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	8270	129-00-0	T	Pyrene	990	U	990	ug/kg
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	6010	7782-49-2	T	Selenium	0.94	U	0.94	mg/kg
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	6010	7440-22-4	T	Silver	0.94	U	0.94	mg/kg
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	6010	7440-23-5	T	Sodium	2600	J	45	mg/kg
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	20	U	20	ug/kg
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	6010	7440-28-0	T	Thallium	0.94	U	0.94	mg/kg
R5AU1S	Clam-R5AU1S	02/06/03	Field Sample	8290	37871-00-4	T	Total HpCDD	0.25	U	0.25	pg/g
R5AU1S	Clam-R5AU1S	02/06/03	Field Sample	8290	38998-75-3	T	Total HpCDF	0.11	U	0.11	pg/g
R5AU1S	Clam-R5AU1S	02/06/03	Field Sample	8290	34465-46-8	T	Total HxCDD	0.15	U	0.15	pg/g
R5AU1S	Clam-R5AU1S	02/06/03	Field Sample	8290	55684-94-1	T	Total HxCDF	0.2	U	0.2	pg/g
R5AU1S	Clam-R5AU1S	02/06/03	Field Sample	8290	36088-22-9	T	Total PeCDD	0.24	U	0.24	pg/g
R5AU1S	Clam-R5AU1S	02/06/03	Field Sample	8290	30402-15-4	T	Total PeCDF	0.64	U	0.64	pg/g
R5AU1S	Clam-R5AU1S	02/06/03	Field Sample	8290	41903-57-5	T	Total TCDD	0.094	U	0.094	pg/g
R5AU1S	Clam-R5AU1S	02/06/03	Field Sample	8290	55722-27-5	T	Total TCDF	1.3	U	1.3	pg/g
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	8081	8001-35-2	T	Toxaphene	900	U	900	ug/kg
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	680	C-TRICHLOROB	T	Trichlorobiphenyl	10	U	10	ug/kg
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	6010	7440-62-2	T	Vanadium	0.94	U	0.94	mg/kg
R5AU1S	Clam-R5AU1S	02/06/2003	Field Sample	6010	7440-66-6	T	Zinc	3.2	J	0.02	mg/kg
R5BM1S	Clam-R5BM1S	02/06/03	Field Sample	8290	35822-46-9	T	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	0.27	U	0.27	pg/g
R5BM1S	Clam-R5BM1S	02/06/03	Field Sample	8290	67562-39-4	T	1,2,3,4,6,7,8-HpCDF	0.16	U	0.16	pg/g
R5BM1S	Clam-R5BM1S	02/06/03	Field Sample	8290	55673-89-7	T	1,2,3,4,7,8,9-HpCDF	0.2	U	0.2	pg/g
R5BM1S	Clam-R5BM1S	02/06/03	Field Sample	8290	39227-28-6	T	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.18	U	0.18	pg/g
R5BM1S	Clam-R5BM1S	02/06/03	Field Sample	8290	70648-26-9	T	1,2,3,4,7,8-HxCDF	0.11	U	0.11	pg/g
R5BM1S	Clam-R5BM1S	02/06/03	Field Sample	8290	57653-85-7	T	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	0.16	U	0.16	pg/g
R5BM1S	Clam-R5BM1S	02/06/03	Field Sample	8290	57117-44-9	T	1,2,3,6,7,8-HxCDF	0.1	U	0.1	pg/g
R5BM1S	Clam-R5BM1S	02/06/03	Field Sample	8290	19408-74-3	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.15	U	0.15	pg/g
R5BM1S	Clam-R5BM1S	02/06/03	Field Sample	8290	72918-21-9	T	1,2,3,7,8,9-HxCDF	0.12	U	0.12	pg/g
R5BM1S	Clam-R5BM1S	02/06/03	Field Sample	8290	57117-41-6	T	1,2,3,7,8-Pentachlorodibenzofuran	0.13	U	0.13	pg/g
R5BM1S	Clam-R5BM1S	02/06/03	Field Sample	8290	40321-76-4	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.19	U	0.19	pg/g
R5BM1S	Clam-R5BM1S	02/06/2003	Field Sample	8270	120-82-1	T	1,2,4-Trichlorobenzene	990	UJ	990	ug/kg
R5BM1S	Clam-R5BM1S	02/06/2003	Field Sample	8270	95-50-1	T	1,2-Dichlorobenzene	990	UJ	990	ug/kg
R5BM1S	Clam-R5BM1S	02/06/2003	Field Sample	8270	541-73-1	T	1,3-Dichlorobenzene	990	UJ	990	ug/kg
R5BM1S	Clam-R5BM1S	02/06/2003	Field Sample	8270	106-46-7	T	1,4-Dichlorobenzene	990	UJ	990	ug/kg
R5BM1S	Clam-R5BM1S	02/06/2003	Field Sample	8270	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	990	UJ	990	ug/kg
R5BM1S	Clam-R5BM1S	02/06/03	Field Sample	8290	60851-34-5	T	2,3,4,6,7,8-HxCDF	0.12	U	0.12	pg/g
R5BM1S	Clam-R5BM1S	02/06/03	Field Sample	8290	57117-31-4	T	2,3,4,7,8-PeCDF	0.12	U	0.12	pg/g
R5BM1S	Clam-R5BM1S	02/06/03	Field Sample	8290	1746-01-6	T	2,3,7,8-TCDD	0.1	U	0.1	pg/g
R5BM1S	Clam-R5BM1S	02/06/03	Field Sample	8290	51207-31-9	T	2,3,7,8-Tetrachlorodibenzofuran	0.14	U	0.14	pg/g
R5BM1S	Clam-R5BM1S	02/06/2003	Field Sample	8151	93-76-5	T	2,4,5-T	25	U	25	ug/kg
R5BM1S	Clam-R5BM1S	02/06/2003	Field Sample	8151	93-72-1	T	2,4,5-TP (Silvex)	25	U	25	ug/kg
R5BM1S	Clam-R5BM1S	02/06/2003	Field Sample	8270	95-95-4	T	2,4,5-Trichlorophenol	990	U	990	ug/kg
R5BM1S	Clam-R5BM1S	02/06/2003	Field Sample	8270	88-06-2	T	2,4,6-Trichlorophenol	990	U	990	ug/kg
R5BM1S	Clam-R5BM1S	02/06/2003	Field Sample	8151	94-75-7	T	2,4-D	25	U	25	ug/kg
R5BM1S	Clam-R5BM1S	02/06/2003	Field Sample	8151	94-82-6	T	2,4-DB	25	U	25	ug/kg
R5BM1S	Clam-R5BM1S	02/06/2003	Field Sample	8270	120-83-2	T	2,4-Dichlorophenol	990	U	990	ug/kg
R5BM1S	Clam-R5BM1S	02/06/2003	Field Sample	8270	105-67-9	T	2,4-Dimethylphenol	990	U	990	ug/kg
R5BM1S	Clam-R5BM1S	02/06/2003	Field Sample	8270	51-28-5	T	2,4-Dinitrophenol	5100	U	5100	ug/kg
R5BM1S	Clam-R5BM1S	02/06/2003	Field Sample	8270	121-14-2	T	2,4-Dinitrotoluene	990	UJ	990	ug/kg
R5BM1S	Clam-R5BM1S	02/06/2003	Field Sample	8270	606-20-2	T	2,6-Dinitrotoluene	990	UJ	990	ug/kg
R5BM1S	Clam-R5BM1S	02/06/2003	Field Sample	8270	91-58-7	T	2-Chloronaphthalene	990	UJ	990	ug/kg

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	95-57-8	T	2-Chlorophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	91-57-6	T	2-Methylnaphthalene	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	95-48-7	T	2-Methylphenol (o-Cresol)	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	88-74-4	T	2-Nitroaniline	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	88-75-5	T	2-Nitrophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	91-94-1	T	3,3'-Dichlorobenzidine	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	99-09-2	T	3-Nitroaniline	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	72-54-8	T	4,4'-DDD	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	72-55-9	T	4,4'-DDE	3.2	J	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	50-29-3	T	4,4'-DDT	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	534-52-1	T	4,6-Dinitro-2-methylphenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	101-55-3	T	4-Bromophenyl Phenyl Ether	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	59-50-7	T	4-Chloro-3-methylphenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7005-72-3	T	4-Chlorophenyl Phenyl Ether	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	100-02-7	T	4-Nitrophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	83-32-9	T	Acenaphthene	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	208-96-8	T	Acenaphthylene	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	309-00-2	T	Aldrin	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	319-84-6	T	alpha-BHC	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	5103-71-9	T	alpha-Chlordane	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7429-90-5	T	Aluminum	[illegible]		20	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	120-12-7	T	Anthracene	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-36-0	T	Antimony	1.8	U	1.8	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-38-2	T	Arsenic	1.6		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-39-3	T	Barium	[illegible]		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	56-55-3	T	Benzo(a)anthracene	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	50-32-8	T	Benzo(a)pyrene	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	205-99-2	T	Benzo(b)fluoranthene	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	191-24-2	T	Benzo(g,h,i)perylene	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	207-08-9	T	Benzo(k)fluoranthene	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	85-68-7	T	Benzyl Butyl Phthalate	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-41-7	T	Beryllium	0.57	U	0.57	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	319-85-7	T	beta-BHC	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	111-91-1	T	bis(2-Chloroethoxy)methane	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	111-44-4	T	bis(2-Chloroethyl)ether	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	117-81-7	T	bis(2-Ethylhexyl)phthalate	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-43-9	T	Cadmium	0.46	U	0.46	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	86-74-8	T	Carbazole	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-47-3	T	Chromium	13		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	218-01-9	T	Chrysene	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-48-4	T	Cobalt	[illegible]		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-50-8	T	Copper	4.6		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	75-99-0	T	Dalapon	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	2051-24-3	T	Decachlorobiphenyl	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	319-86-8	T	delta-BHC	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	53-70-3	T	Dibenz(a,h)anthracene	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	132-64-9	T	Dibenzofuran	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	1918-00-9	T	Dicamba	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-DICHLOROB	T	Dichlorobiphenyl	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	120-36-5	T	Dichlorprop	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	60-57-1	T	Dieldrin	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	84-66-2	T	Diethyl Phthalate	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	131-11-3	T	Dimethyl Phthalate	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	84-74-2	T	Di-n-butylphthalate	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	117-84-0	T	Di-n-octylphthalate	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	88-85-7	T	Dinoseb	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	959-98-8	T	Endosulfan I	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	33213-65-9	T	Endosulfan II	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	1031-07-8	T	Endosulfan Sulfate	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	72-20-8	T	Endrin	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7421-93-4	T	Endrin Aldehyde	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	53494-70-5	T	Endrin Ketone	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	206-44-0	T	Fluoranthene	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	86-73-7	T	Fluorene	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	58-89-9	T	gamma-BHC (Lindane)	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	5103-74-2	T	gamma-Chlordane	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	76-44-8	T	Heptachlor	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	1024-57-3	T	Heptachlor Epoxide	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-HEPTACHLOR	T	Heptachlorobiphenyl	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	118-74-1	T	Hexachlorobenzene	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-HEXACHLORO	T	Hexachlorobiphenyl	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	87-68-3	T	Hexachlorobutadiene	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	77-47-4	T	Hexachlorocyclopentadiene	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	67-72-1	T	Hexachloroethane	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	193-39-5	T	Indeno(1,2,3-cd)pyrene	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7439-89-6	T	Iron	[illegible]		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	78-59-1	T	Isophorone	[illegible]	UJ	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7439-92-1	T	Lead	0.45	U	0.45	mg/kg

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	6010	7439-95-4	T	Magnesium	47		47	mg/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	6010	7439-96-5	T	Manganese	76		0.91	mg/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	8151	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	6000	U	6000	ug/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	8151	93-65-2	T	MCPP	6000	U	6000	ug/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	7471	7439-97-6	T	Mercury	0.0053		0.017	mg/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	8081	72-43-5	T	Methoxychlor	50	U	50	ug/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	10	U	10	ug/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	8270	91-20-3	T	Naphthalene	990	UJ	990	ug/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	6010	7440-02-0	T	Nickel	5.2		3.5	mg/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	8270	98-95-3	T	Nitrobenzene	990	UJ	990	ug/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	990	UJ	990	ug/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	990	UJ	990	ug/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	50	U	50	ug/kg
RSBM1S	Clam-RSBM1S	02/06/03	Field Sample	8290	3268-87-9	T	OCDD	2.9	U	2.9	pg/g
RSBM1S	Clam-RSBM1S	02/06/03	Field Sample	8290	39001-02-0	T	OCDF	0.15	U	0.15	pg/g
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	30	U	30	ug/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	8270	106-47-8	T	P-Chloroaniline	2000	UJ	2000	ug/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	20	U	20	ug/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	8270	87-86-5	T	Pentachlorophenol	5100	U	5100	ug/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	8151	87-86-5	T	Pentachlorophenol	51	U	51	ug/kg
RSBM1S	Clam-RSBM1S	02/06/03	Field Sample	9290	QB47	T	Percent Lipids	4.1		1	%
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	8270	85-01-8	T	Phenanthrene	990	UJ	990	ug/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	8270	108-95-2	T	Phenol	990	U	990	ug/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	8270	100-01-6	T	P-Nitroaniline	5100	UJ	5100	ug/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	6010	7440-09-7	T	Potassium	190		94	mg/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	8270	129-00-0	T	Pyrene	990	UJ	990	ug/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	6010	7782-49-2	T	Selenium	0.92	U	0.92	mg/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	6010	7440-22-4	T	Silver	0.92	U	0.92	mg/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	6010	7440-23-5	T	Sodium	2400		45	mg/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	20	U	20	ug/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	6010	7440-28-0	T	Thallium	0.92	U	0.92	mg/kg
RSBM1S	Clam-RSBM1S	02/06/03	Field Sample	8290	37871-00-4	T	Total HpCDD	0.27	U	0.27	pg/g
RSBM1S	Clam-RSBM1S	02/06/03	Field Sample	8290	38998-75-3	T	Total HpCDF	0.2	U	0.2	pg/g
RSBM1S	Clam-RSBM1S	02/06/03	Field Sample	8290	34465-46-8	T	Total HxCDD	0.18	U	0.18	pg/g
RSBM1S	Clam-RSBM1S	02/06/03	Field Sample	8290	55684-94-1	T	Total HxCDF	0.12	U	0.12	pg/g
RSBM1S	Clam-RSBM1S	02/06/03	Field Sample	8290	36088-22-9	T	Total PeCDD	0.37	U	0.37	pg/g
RSBM1S	Clam-RSBM1S	02/06/03	Field Sample	8290	30402-15-4	T	Total PeCDF	0.18	U	0.18	pg/g
RSBM1S	Clam-RSBM1S	02/06/03	Field Sample	8290	41903-57-5	T	Total TCDD	0.12	U	0.12	pg/g
RSBM1S	Clam-RSBM1S	02/06/03	Field Sample	8290	55722-27-5	T	Total TCDF	1.6	U	1.6	pg/g
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	8081	8001-35-2	T	Toxaphene	800	U	800	ug/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	680	C-TRICHLOROB	T	Trichlorobiphenyl	10	U	10	ug/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	6010	7440-62-2	T	Vanadium	0.92	U	0.92	mg/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	6010	7440-66-6	T	Zinc	4		0.02	mg/kg
RSBM1S	Clam-RSBM1S	02/06/03	Field Sample	8290	35822-46-9	T	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	0.21	U	0.21	pg/g
RSBM1S	Clam-RSBM1S	02/06/03	Field Sample	8290	67562-39-4	T	1,2,3,4,6,7,8-HpCDF	0.15	U	0.15	pg/g
RSBM1S	Clam-RSBM1S	02/06/03	Field Sample	8290	55673-89-7	T	1,2,3,4,7,8,9-HpCDF	0.18	U	0.18	pg/g
RSBM1S	Clam-RSBM1S	02/06/03	Field Sample	8290	39227-28-6	T	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.23	U	0.23	pg/g
RSBM1S	Clam-RSBM1S	02/06/03	Field Sample	8290	70648-26-9	T	1,2,3,4,7,8-HxCDF	0.13	U	0.13	pg/g
RSBM1S	Clam-RSBM1S	02/06/03	Field Sample	8290	57653-85-7	T	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	0.2	U	0.2	pg/g
RSBM1S	Clam-RSBM1S	02/06/03	Field Sample	8290	57117-44-9	T	1,2,3,6,7,8-HxCDF	0.12	U	0.12	pg/g
RSBM1S	Clam-RSBM1S	02/06/03	Field Sample	8290	19408-74-3	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.19	U	0.19	pg/g
RSBM1S	Clam-RSBM1S	02/06/03	Field Sample	8290	72918-21-9	T	1,2,3,7,8,9-HxCDF	0.15	U	0.15	pg/g
RSBM1S	Clam-RSBM1S	02/06/03	Field Sample	8290	57117-41-6	T	1,2,3,7,8-Pentachlorodibenzofuran	0.14	U	0.14	pg/g
RSBM1S	Clam-RSBM1S	02/06/03	Field Sample	8290	40321-76-4	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.18	U	0.18	pg/g
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	8270	120-82-1	T	1,2,4-Trichlorobenzene	990	UJ	990	ug/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	8270	95-50-1	T	1,2-Dichlorobenzene	990	UJ	990	ug/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	8270	541-73-1	T	1,3-Dichlorobenzene	990	UJ	990	ug/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	8270	106-46-7	T	1,4-Dichlorobenzene	990	UJ	990	ug/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	8270	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	990	UJ	990	ug/kg
RSBM1S	Clam-RSBM1S	02/06/03	Field Sample	8290	60851-34-5	T	2,3,4,6,7,8-HxCDF	0.14	U	0.14	pg/g
RSBM1S	Clam-RSBM1S	02/06/03	Field Sample	8290	57117-31-4	T	2,3,4,7,8-PeCDF	0.13	U	0.13	pg/g
RSBM1S	Clam-RSBM1S	02/06/03	Field Sample	8290	1746-01-6	T	2,3,7,8-TCDD	0.1	U	0.1	pg/g
RSBM1S	Clam-RSBM1S	02/06/03	Field Sample	8290	51207-31-9	T	2,3,7,8-Tetrachlorodibenzofuran	0.12	U	0.12	pg/g
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	8151	93-76-5	T	2,4,5-T	4.6	J	3	ug/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	8151	93-72-1	T	2,4,5-TP (Silvex)	25	U	25	ug/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	8270	95-95-4	T	2,4,5-Trichlorophenol	990	UJ	990	ug/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	8270	88-06-2	T	2,4,6-Trichlorophenol	990	UJ	990	ug/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	8151	94-75-7	T	2,4-D	25	U	25	ug/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	8151	94-82-6	T	2,4-DB	25	U	25	ug/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	8270	120-83-2	T	2,4-Dichlorophenol	990	UJ	990	ug/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	8270	105-67-9	T	2,4-Dimethylphenol	990	UJ	990	ug/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	8270	51-28-5	T	2,4-Dinitrophenol	5100	UJ	5100	ug/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	8270	121-14-2	T	2,4-Dinitrotoluene	990	UJ	990	ug/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	8270	606-20-2	T	2,6-Dinitrotoluene	990	UJ	990	ug/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	8270	91-58-7	T	2-Chloronaphthalene	990	UJ	990	ug/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	8270	95-57-8	T	2-Chlorophenol	990	UJ	990	ug/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	8270	91-57-6	T	2-Methylnaphthalene	990	UJ	990	ug/kg
RSBM1S	Clam-RSBM1S	02/06/2003	Field Sample	8270	95-48-7	T	2-Methylphenol (o-Cresol)	990	UJ	990	ug/kg

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Standard	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Nitroaniline	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	2-Nitrophenol	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3,3'-Dichlorobenzidine	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3-Methylphenol/4-Methylphenol (m/p-Cresol)	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3-Nitroaniline	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,4'-DDD	[illegible]	[illegible]	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,4'-DDE	[illegible]		[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,4'-DDT	3.5	J	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,6-Dinitro-2-methylphenol	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Bromophenyl Phenyl Ether	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Chloro-3-methylphenol	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Chlorophenyl Phenyl Ether	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Nitrophenol	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Acenaphthene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Acenaphthylene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Aldrin	5	U	5	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	alpha-BHC	5	U	5	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	alpha-Chlordane	5	U	5	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Aluminum	35		[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Anthracene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Antimony	1.9	U	1.9	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Arsenic	1.9		[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Barium	[illegible]		[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo[a]anthracene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo[a]pyrene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo[b]fluoranthene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo[g,h,i]perylene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo[k]fluoranthene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzyl Butyl Phthalate	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Beryllium	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	beta-BHC	5	U	5	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	bis(2-Chloroethoxy)methane	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	bis(2-Chloroethyl)ether	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	bis(2-Ethylhexyl)phthalate	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Cadmium	0.45	U	0.45	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Carbazole	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Chromium	0.55	U	0.55	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Chrysene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Cobalt	0.65		0.55	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Copper	5		0.51	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dalapon	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dibenzofuran	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	delta-BHC	5	U	5	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dibromochloromethane	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dibromomethane	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dicamba	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-DICHLORDE	T	Dichlorodiphenyl	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dichlorprop	4.1	J	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dieldrin	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Diethyl Phthalate	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dimethyl Phthalate	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Di-n-butylphthalate	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Di-n-octylphthalate	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dinoseb	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endosulfan I	5	U	5	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endosulfan II	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endosulfan Sulfate	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endrin	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endrin Aldehyde	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endrin Ketone	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Fluoranthene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Fluorene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	gamma-BHC (Lindane)	5	U	5	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	gamma-Chlordane	5	U	5	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Heptachlor	5	U	5	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Heptachlor Epoxide	5	U	5	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-HEPTACLOR	T	Heptachlorodiphenyl	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Hexachlorobenzene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-HEXACLORO	T	Hexachlorodiphenyl	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Hexachlorobutadiene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Hexachlorocyclopentadiene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Hexachloroethane	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Indeno[1,2,3-cd]pyrene	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Iron	[illegible]		0.55	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Isophorone	[illegible]	U	[illegible]	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Lead	0.45		0.45	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Magnesium	[illegible]		47	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Manganese	[illegible]		0.51	ug/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	MCPA (4-Chloro-2-methylphenoxyacetic acid)	[illegible]	U	[illegible]	ug/g

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
RSBN1S	Clam-RSBN1S	02/06/2003	Field Sample	8151	93-65-2	T	MCPP	6000	U	6000	ug/kg
RSBN1S	Clam-RSBN1S	02/06/2003	Field Sample	7471	7439-97-6	T	Mercury	0.0072		0.017	mg/kg
RSBN1S	Clam-RSBN1S	02/06/2003	Field Sample	8081	72-43-5	T	Methoxychlor	50	U	50	ug/kg
RSBN1S	Clam-RSBN1S	02/06/2003	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	10	U	10	ug/kg
RSBN1S	Clam-RSBN1S	02/06/2003	Field Sample	8270	91-20-3	T	Naphthalene	990	UJ	990	ug/kg
RSBN1S	Clam-RSBN1S	02/06/2003	Field Sample	6010	7440-02-0	T	Nickel	0.72		3.5	mg/kg
RSBN1S	Clam-RSBN1S	02/06/2003	Field Sample	8270	98-95-3	T	Nitrobenzene	990	UJ	990	ug/kg
RSBN1S	Clam-RSBN1S	02/06/2003	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	990	UJ	990	ug/kg
RSBN1S	Clam-RSBN1S	02/06/2003	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	990	UJ	990	ug/kg
RSBN1S	Clam-RSBN1S	02/06/2003	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	50	U	50	ug/kg
RSBN1S	Clam-RSBN1S	02/06/03	Field Sample	8290	3268-87-9	T	OCDD	4.3	U	4.3	ppt
RSBN1S	Clam-RSBN1S	02/06/03	Field Sample	8290	39001-02-0	T	OCDF	0.18	U	0.18	ppt
RSBN1S	Clam-RSBN1S	02/06/2003	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	30	U	30	ug/kg
RSBN1S	Clam-RSBN1S	02/06/2003	Field Sample	8270	106-47-8	T	P-Chloroaniline	2000	UJ	2000	ug/kg
RSBN1S	Clam-RSBN1S	02/06/2003	Field Sample	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	20	U	20	ug/kg
RSBN1S	Clam-RSBN1S	02/06/2003	Field Sample	8151	87-86-5	T	Pentachlorophenol	51	U	51	ug/kg
RSBN1S	Clam-RSBN1S	02/06/2003	Field Sample	8270	87-86-5	T	Pentachlorophenol	5100	UJ	5100	ug/kg
RSBN1S	Clam-RSBN1S	02/06/03	Field Sample	8290	C847	T	Percent Lipids	4.4		1	%
RSBN1S	Clam-RSBN1S	02/06/2003	Field Sample	8270	85-01-8	T	Phenanthrene	990	UJ	990	ug/kg
RSBN1S	Clam-RSBN1S	02/06/2003	Field Sample	8270	108-95-2	T	Phenol	990	UJ	990	ug/kg
RSBN1S	Clam-RSBN1S	02/06/2003	Field Sample	8270	100-01-6	T	P-Nitroaniline	5100	UJ	5100	ug/kg
RSBN1S	Clam-RSBN1S	02/06/2003	Field Sample	6010	7440-09-7	T	Potassium	110		94	mg/kg
RSBN1S	Clam-RSBN1S	02/06/2003	Field Sample	8270	129-00-0	T	Pyrene	990	UJ	990	ug/kg
RSBN1S	Clam-RSBN1S	02/06/2003	Field Sample	6010	7782-49-2	T	Selenium	0.95	U	0.95	mg/kg
RSBN1S	Clam-RSBN1S	02/06/2003	Field Sample	6010	7440-22-4	T	Silver	0.95	U	0.95	mg/kg
RSBN1S	Clam-RSBN1S	02/06/2003	Field Sample	6010	7440-23-5	T	Sodium	1800		45	mg/kg
RSBN1S	Clam-RSBN1S	02/06/2003	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	20	U	20	ug/kg
RSBN1S	Clam-RSBN1S	02/06/2003	Field Sample	6010	7440-28-0	T	Thallium	0.95	U	0.95	mg/kg
RSBN1S	Clam-RSBN1S	02/06/03	Field Sample	8290	37871-00-4	T	Total HpCDD	0.42	U	0.42	ppt
RSBN1S	Clam-RSBN1S	02/06/03	Field Sample	8290	38998-75-3	T	Total HpCDF	0.18	U	0.18	ppt
RSBN1S	Clam-RSBN1S	02/06/03	Field Sample	8290	34465-46-8	T	Total HxCDD	0.23	U	0.23	ppt
RSBN1S	Clam-RSBN1S	02/06/03	Field Sample	8290	55684-94-1	T	Total HxCDF	0.16	U	0.16	ppt
RSBN1S	Clam-RSBN1S	02/06/03	Field Sample	8290	36088-22-9	T	Total PeCDD	0.37	U	0.37	ppt
RSBN1S	Clam-RSBN1S	02/06/03	Field Sample	8290	30402-15-4	T	Total PeCDF	0.25	U	0.25	ppt
RSBN1S	Clam-RSBN1S	02/06/03	Field Sample	8290	41903-57-5	T	Total TCDD	0.1	U	0.1	ppt
RSBN1S	Clam-RSBN1S	02/06/03	Field Sample	8290	55722-27-5	T	Total TCDF	1.5	U	1.5	ppt
RSBN1S	Clam-RSBN1S	02/06/2003	Field Sample	8081	8001-35-2	T	Toxaphene	500	U	500	ug/kg
RSBN1S	Clam-RSBN1S	02/06/2003	Field Sample	680	C-TRICHLOROB	T	Trichlorobiphenyl	10	U	10	ug/kg
RSBN1S	Clam-RSBN1S	02/06/2003	Field Sample	6010	7440-62-2	T	Vanadium	0.95		0.95	mg/kg
RSBN1S	Clam-RSBN1S	02/06/2003	Field Sample	6010	7440-66-6	T	Zinc	5.2		0.02	mg/kg
RSBU1S	Clam-RSBU1S	02/06/03	Field Sample	8290	35822-46-9	T	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	0.24	U	0.24	ppt
RSBU1S	Clam-RSBU1S	02/06/03	Field Sample	8290	67562-39-4	T	1,2,3,4,6,7,8-HpCDF	0.22	U	0.22	ppt
RSBU1S	Clam-RSBU1S	02/06/06	Field Sample	8290	55673-89-7	T	1,2,3,4,7,8,9-HpCDF	0.28	U	0.28	ppt
RSBU1S	Clam-RSBU1S	02/06/03	Field Sample	8290	39227-28-6	T	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.24	U	0.24	ppt
RSBU1S	Clam-RSBU1S	02/06/03	Field Sample	8290	70648-26-9	T	1,2,3,4,7,8-HxCDF	0.17	U	0.17	ppt
RSBU1S	Clam-RSBU1S	02/06/03	Field Sample	8290	57653-85-7	T	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	0.21	U	0.21	ppt
RSBU1S	Clam-RSBU1S	02/06/03	Field Sample	8290	57117-44-9	T	1,2,3,6,7,8-HxCDF	0.15	U	0.15	ppt
RSBU1S	Clam-RSBU1S	02/06/03	Field Sample	8290	19408-74-3	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.2	U	0.2	ppt
RSBU1S	Clam-RSBU1S	02/06/03	Field Sample	8290	72918-21-9	T	1,2,3,7,8,9-HxCDF	0.18	U	0.18	ppt
RSBU1S	Clam-RSBU1S	02/06/03	Field Sample	8290	57117-41-6	T	1,2,3,7,8-Pentachlorodibenzofuran	0.17	U	0.17	ppt
RSBU1S	Clam-RSBU1S	02/06/03	Field Sample	8290	40321-76-4	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.28	U	0.28	ppt
RSBU1S	Clam-RSBU1S	02/06/2003	Field Sample	8270	120-82-1	T	1,2,4-Trichlorobenzene	990	U	990	ug/kg
RSBU1S	Clam-RSBU1S	02/06/2003	Field Sample	8270	95-50-1	T	1,2-Dichlorobenzene	990	U	990	ug/kg
RSBU1S	Clam-RSBU1S	02/06/2003	Field Sample	8270	541-73-1	T	1,3-Dichlorobenzene	990	U	990	ug/kg
RSBU1S	Clam-RSBU1S	02/06/2003	Field Sample	8270	106-46-7	T	1,4-Dichlorobenzene	990	U	990	ug/kg
RSBU1S	Clam-RSBU1S	02/06/2003	Field Sample	8270	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	990	U	990	ug/kg
RSBU1S	Clam-RSBU1S	02/06/03	Field Sample	8290	60851-34-5	T	2,3,4,6,7,8-HxCDF	0.17	U	0.17	ppt
RSBU1S	Clam-RSBU1S	02/06/03	Field Sample	8290	57117-31-4	T	2,3,4,7,8-PeCDF	0.15	U	0.15	ppt
RSBU1S	Clam-RSBU1S	02/06/03	Field Sample	8290	1746-01-6	T	2,3,7,8-TCDD	0.11	U	0.11	ppt
RSBU1S	Clam-RSBU1S	02/06/03	Field Sample	8290	51207-31-9	T	2,3,7,8-Tetrachlorodibenzofuran	0.13	U	0.13	ppt
RSBU1S	Clam-RSBU1S	02/06/2003	Field Sample	8151	93-76-5	T	2,4,5-T	25	U	25	ug/kg
RSBU1S	Clam-RSBU1S	02/06/2003	Field Sample	8151	93-72-1	T	2,4,5-TP (Silvex)	25	U	25	ug/kg
RSBU1S	Clam-RSBU1S	02/06/2003	Field Sample	8270	95-95-4	T	2,4,5-Trichlorophenol	990	U	990	ug/kg
RSBU1S	Clam-RSBU1S	02/06/2003	Field Sample	8270	88-06-2	T	2,4,6-Trichlorophenol	990	U	990	ug/kg
RSBU1S	Clam-RSBU1S	02/06/2003	Field Sample	8151	94-75-7	T	2,4-D	25	U	25	ug/kg
RSBU1S	Clam-RSBU1S	02/06/2003	Field Sample	8151	94-82-6	T	2,4-DB	25	U	25	ug/kg
RSBU1S	Clam-RSBU1S	02/06/2003	Field Sample	8270	120-83-2	T	2,4-Dichlorophenol	990	U	990	ug/kg
RSBU1S	Clam-RSBU1S	02/06/2003	Field Sample	8270	105-67-9	T	2,4-Dimethylphenol	990	U	990	ug/kg
RSBU1S	Clam-RSBU1S	02/06/2003	Field Sample	8270	51-28-5	T	2,4-Dinitrophenol	5100	U	5100	ug/kg
RSBU1S	Clam-RSBU1S	02/06/2003	Field Sample	8270	121-14-2	T	2,4-Dinitrotoluene	990	U	990	ug/kg
RSBU1S	Clam-RSBU1S	02/06/2003	Field Sample	8270	606-20-2	T	2,6-Dinitrotoluene	990	U	990	ug/kg
RSBU1S	Clam-RSBU1S	02/06/2003	Field Sample	8270	91-58-7	T	2-Chloronaphthalene	990	U	990	ug/kg
RSBU1S	Clam-RSBU1S	02/06/2003	Field Sample	8270	95-57-8	T	2-Chlorophenol	990	U	990	ug/kg
RSBU1S	Clam-RSBU1S	02/06/2003	Field Sample	8270	91-57-6	T	2-Methylnaphthalene	990	U	990	ug/kg
RSBU1S	Clam-RSBU1S	02/06/2003	Field Sample	8270	95-48-7	T	2-Methylphenol (o-Cresol)	990	U	990	ug/kg
RSBU1S	Clam-RSBU1S	02/06/2003	Field Sample	8270	88-74-4	T	2-Nitroaniline	5100	U	5100	ug/kg
RSBU1S	Clam-RSBU1S	02/06/2003	Field Sample	8270	88-75-5	T	2-Nitrophenol	990	U	990	ug/kg
RSBU1S	Clam-RSBU1S	02/06/2003	Field Sample	8270	91-94-1	T	3,3'-Dichlorobenzidine	2000	U	2000	ug/kg

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3-Methylphenol/4-Methylphenol (m,p-Cresol)	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	3-Nitroaniline	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,4'-DDD	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,4'-DDE	3.0	J	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,4'-DDT	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,6-Dinitro-2-methylphenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Bromophenyl Phenyl Ether	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Chloro-3-methylphenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Chlorophenyl Phenyl Ether	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Nitrophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Acenaphthene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Acenaphthylene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Aldrin	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	alpha-BHC	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	alpha-Chlordane	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Aluminum	[illegible]		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Anthracene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Antimony	1.9	U	1.9	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Arsenic	2		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Barium	[illegible]		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo(a)anthracene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo(a)pyrene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo(b)fluoranthene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo(g,h,i)perylene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo(k)fluoranthene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzyl Butyl Phthalate	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Beryllium	[illegible]	U	[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	beta-BHC	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	bis(2-Chloroethoxy)methane	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	bis(2-Chloroethyl)ether	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	bis(2-Ethylhexyl)phthalate	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Cadmium	[illegible]	U	[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Carbazole	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Chromium	15		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Chrysene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Cobalt	0.42		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Copper	6		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dalapon	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Decachlorobiphenyl	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	delta-BHC	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dibenzo(a,h)anthracene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dibenzofuran	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dicamba	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-DICHLOROBI	T	Dichlorobiphenyl	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dichloroprop	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dieldrin	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Diethyl Phthalate	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dimethyl Phthalate	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Di-n-butylphthalate	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Di-n-octylphthalate	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dinoseb	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endosulfan I	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endosulfan II	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endosulfan Sulfate	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endrin	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endrin Aldehyde	[illegible]	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endrin Ketone	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Fluoranthene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Fluorene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	gamma-BHC (Lindane)	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	gamma-Chlordane	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Heptachlor	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Heptachlor Epoxide	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-HEPTACHLOR	T	Heptachlorobiphenyl	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Hexachlorobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-HEXACHLORO	T	Hexachlorobiphenyl	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Hexachlorobutadiene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Hexachlorocyclopentadiene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Hexachloroethane	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Indeno(1,2,3-cd)pyrene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Iron	[illegible]		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Isophorone	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Lead	[illegible]		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Magnesium	[illegible]		47	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Manganese	[illegible]		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	[illegible]	J	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	MCPP	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Mercury	[illegible]		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Methoxychlor	50	U	50	ug/kg

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R6BU1S	Clam-R6BU1S	02/06/2003	Field Sample	680	C-MONOCHLORO	T	Monochlorobiphenyl	10	U	10	ug/kg
R6BU1S	Clam-R6BU1S	02/06/2003	Field Sample	8270	91-20-3	T	Naphthalene	990	U	990	ug/kg
R6BU1S	Clam-R6BU1S	02/06/2003	Field Sample	6010	7440-02-0	T	Nickel	0.5		3.5	mg/kg
R6BU1S	Clam-R6BU1S	02/06/2003	Field Sample	8270	98-95-3	T	Nitrobenzene	990	U	990	ug/kg
R6BU1S	Clam-R6BU1S	02/06/2003	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	990	U	990	ug/kg
R6BU1S	Clam-R6BU1S	02/06/2003	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	990	U	990	ug/kg
R6BU1S	Clam-R6BU1S	02/06/2003	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	50	U	50	ug/kg
R6BU1S	Clam-R6BU1S	02/06/03	Field Sample	8290	3268-87-9	T	OCDD	3.4	U	3.4	pg/g
R6BU1S	Clam-R6BU1S	02/06/03	Field Sample	8290	39001-02-0	T	OCDF	0.29	U	0.29	pg/g
R6BU1S	Clam-R6BU1S	02/06/2003	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	30	U	30	ug/kg
R6BU1S	Clam-R6BU1S	02/06/2003	Field Sample	8270	106-47-8	T	P-Chloroaniline	2000	U	2000	ug/kg
R6BU1S	Clam-R6BU1S	02/06/2003	Field Sample	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	20	U	20	ug/kg
R6BU1S	Clam-R6BU1S	02/06/2003	Field Sample	8151	87-86-5	T	Pentachlorophenol	51	U	51	ug/kg
R6BU1S	Clam-R6BU1S	02/06/2003	Field Sample	8270	87-86-5	T	Pentachlorophenol	5100	U	5100	ug/kg
R6BU1S	Clam-R6BU1S	02/06/03	Field Sample	8290	Q847	T	Percent Lipids	5.4		1	%
R6BU1S	Clam-R6BU1S	02/06/2003	Field Sample	8270	85-01-8	T	Phenanthrene	990	U	990	ug/kg
R6BU1S	Clam-R6BU1S	02/06/2003	Field Sample	8270	108-95-2	T	Phenol	990	U	990	ug/kg
R6BU1S	Clam-R6BU1S	02/06/2003	Field Sample	8270	100-01-6	T	P-Nitroaniline	5100	U	5100	ug/kg
R6BU1S	Clam-R6BU1S	02/06/2003	Field Sample	6010	7440-09-7	T	Potassium	120		94	mg/kg
R6BU1S	Clam-R6BU1S	02/06/2003	Field Sample	8270	129-00-0	T	Pyrene	990	U	990	ug/kg
R6BU1S	Clam-R6BU1S	02/06/2003	Field Sample	6010	7782-49-2	T	Selenium	0.96	U	0.96	mg/kg
R6BU1S	Clam-R6BU1S	02/06/2003	Field Sample	6010	7440-22-4	T	Silver	0.96	U	0.96	mg/kg
R6BU1S	Clam-R6BU1S	02/06/2003	Field Sample	6010	7440-23-5	T	Sodium	2200		45	mg/kg
R6BU1S	Clam-R6BU1S	02/06/2003	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	20	U	20	ug/kg
R6BU1S	Clam-R6BU1S	02/06/2003	Field Sample	6010	7440-28-0	T	Thallium	0.96	U	0.96	mg/kg
R6BU1S	Clam-R6BU1S	02/06/03	Field Sample	8290	37871-00-4	T	Total HpCDD	0.3	U	0.3	pg/g
R6BU1S	Clam-R6BU1S	02/06/03	Field Sample	8290	38998-75-3	T	Total HpCDF	0.28	U	0.28	pg/g
R6BU1S	Clam-R6BU1S	02/06/03	Field Sample	8290	34465-46-8	T	Total HxCDD	0.24	U	0.24	pg/g
R6BU1S	Clam-R6BU1S	02/06/03	Field Sample	8290	55684-94-1	T	Total HxCDF	0.18	U	0.18	pg/g
R6BU1S	Clam-R6BU1S	02/06/03	Field Sample	8290	36088-22-9	T	Total PeCDD	0.28	U	0.28	pg/g
R6BU1S	Clam-R6BU1S	02/06/03	Field Sample	8290	30402-15-4	T	Total PeCDF	0.17	U	0.17	pg/g
R6BU1S	Clam-R6BU1S	02/06/03	Field Sample	8290	41903-57-5	T	Total TCDD	0.11	U	0.11	pg/g
R6BU1S	Clam-R6BU1S	02/06/03	Field Sample	8290	55722-27-5	T	Total TCDF	1	U	1	pg/g
R6BU1S	Clam-R6BU1S	02/06/2003	Field Sample	8081	8001-35-2	T	Toxaphene	500	U	500	ug/kg
R6BU1S	Clam-R6BU1S	02/06/2003	Field Sample	680	C-TRICHLOROB	T	Trichlorobiphenyl	10	U	10	ug/kg
R6BU1S	Clam-R6BU1S	02/06/2003	Field Sample	6010	7440-62-2	T	Vanadium	0.96	U	0.96	mg/kg
R6BU1S	Clam-R6BU1S	02/06/2003	Field Sample	6010	7440-66-6	T	Zinc	4.8		0.02	mg/kg
R6CM1S	Clam-R6CM1S	02/06/03	Field Sample	8290	35822-46-9	T	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	0.25	U	0.25	pg/g
R6CM1S	Clam-R6CM1S	02/06/03	Field Sample	8290	67562-39-4	T	1,2,3,4,6,7,8-HpCDF	0.15	U	0.15	pg/g
R6CM1S	Clam-R6CM1S	02/06/03	Field Sample	8290	55673-89-7	T	1,2,3,4,7,8,9-HpCDF	0.24	U	0.24	pg/g
R6CM1S	Clam-R6CM1S	02/06/03	Field Sample	8290	39227-28-6	T	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.21	U	0.21	pg/g
R6CM1S	Clam-R6CM1S	02/06/03	Field Sample	8290	70648-26-9	T	1,2,3,4,7,8-HxCDF	0.12	U	0.12	pg/g
R6CM1S	Clam-R6CM1S	02/06/03	Field Sample	8290	57653-85-7	T	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	0.19	U	0.19	pg/g
R6CM1S	Clam-R6CM1S	02/06/03	Field Sample	8290	57117-44-9	T	1,2,3,6,7,8-HxCDF	0.11	U	0.11	pg/g
R6CM1S	Clam-R6CM1S	02/06/03	Field Sample	8290	19408-74-3	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.17	U	0.17	pg/g
R6CM1S	Clam-R6CM1S	02/06/03	Field Sample	8290	72918-21-9	T	1,2,3,7,8,9-HxCDF	0.14	U	0.14	pg/g
R6CM1S	Clam-R6CM1S	02/06/03	Field Sample	8290	57117-41-6	T	1,2,3,7,8-Pentachlorodibenzofuran	0.13	U	0.13	pg/g
R6CM1S	Clam-R6CM1S	02/06/03	Field Sample	8290	40321-76-4	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.18	U	0.18	pg/g
R6CM1S	Clam-R6CM1S	02/06/2003	Field Sample	8270	120-82-1	T	1,2,4-Trichlorobenzene	990	U	990	ug/kg
R6CM1S	Clam-R6CM1S	02/06/2003	Field Sample	8270	95-50-1	T	1,2-Dichlorobenzene	990	U	990	ug/kg
R6CM1S	Clam-R6CM1S	02/06/2003	Field Sample	8270	541-73-1	T	1,3-Dichlorobenzene	990	U	990	ug/kg
R6CM1S	Clam-R6CM1S	02/06/2003	Field Sample	8270	106-46-7	T	1,4-Dichlorobenzene	990	U	990	ug/kg
R6CM1S	Clam-R6CM1S	02/06/2003	Field Sample	8270	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	990	U	990	ug/kg
R6CM1S	Clam-R6CM1S	02/06/03	Field Sample	8290	60851-34-5	T	2,3,4,6,7,8-HxCDF	0.13	U	0.13	pg/g
R6CM1S	Clam-R6CM1S	02/06/03	Field Sample	8290	57117-31-4	T	2,3,4,7,8-PeCDF	0.12	U	0.12	pg/g
R6CM1S	Clam-R6CM1S	02/06/03	Field Sample	8290	1746-01-6	T	2,3,7,8-TCDD	0.1	U	0.1	pg/g
R6CM1S	Clam-R6CM1S	02/06/03	Field Sample	8290	51207-31-9	T	2,3,7,8-Tetrachlorodibenzofuran	0.28	U	0.28	pg/g
R6CM1S	Clam-R6CM1S	02/06/2003	Field Sample	8151	93-76-5	T	2,4,5-T	25	U	25	ug/kg
R6CM1S	Clam-R6CM1S	02/06/2003	Field Sample	8151	93-72-1	T	2,4,5-TP (Silvex)	25	U	25	ug/kg
R6CM1S	Clam-R6CM1S	02/06/2003	Field Sample	8270	95-95-4	T	2,4,5-Trichlorophenol	990	U	990	ug/kg
R6CM1S	Clam-R6CM1S	02/06/2003	Field Sample	8270	88-06-2	T	2,4,6-Trichlorophenol	990	U	990	ug/kg
R6CM1S	Clam-R6CM1S	02/06/2003	Field Sample	8151	94-75-7	T	2,4-D	8.6	J	8.3	ug/kg
R6CM1S	Clam-R6CM1S	02/06/2003	Field Sample	8151	94-82-6	T	2,4-DB	7.2	J	8.3	ug/kg
R6CM1S	Clam-R6CM1S	02/06/2003	Field Sample	8270	120-83-2	T	2,4-Dichlorophenol	990	U	990	ug/kg
R6CM1S	Clam-R6CM1S	02/06/2003	Field Sample	8270	105-67-9	T	2,4-Dimethylphenol	990	U	990	ug/kg
R6CM1S	Clam-R6CM1S	02/06/2003	Field Sample	8270	51-28-5	T	2,4-Dinitrophenol	5100	U	5100	ug/kg
R6CM1S	Clam-R6CM1S	02/06/2003	Field Sample	8270	121-14-2	T	2,4-Dinitrotoluene	990	U	990	ug/kg
R6CM1S	Clam-R6CM1S	02/06/2003	Field Sample	8270	606-20-2	T	2,6-Dinitrotoluene	990	U	990	ug/kg
R6CM1S	Clam-R6CM1S	02/06/2003	Field Sample	8270	91-58-7	T	2-Chloronaphthalene	990	U	990	ug/kg
R6CM1S	Clam-R6CM1S	02/06/2003	Field Sample	8270	95-57-8	T	2-Chlorophenol	990	U	990	ug/kg
R6CM1S	Clam-R6CM1S	02/06/2003	Field Sample	8270	91-57-6	T	2-Methylnaphthalene	990	U	990	ug/kg
R6CM1S	Clam-R6CM1S	02/06/2003	Field Sample	8270	95-48-7	T	2-Methylphenol (o-Cresol)	990	U	990	ug/kg
R6CM1S	Clam-R6CM1S	02/06/2003	Field Sample	8270	88-74-4	T	2-Nitroaniline	5100	U	5100	ug/kg
R6CM1S	Clam-R6CM1S	02/06/2003	Field Sample	8270	88-75-5	T	2-Nitrophenol	990	U	990	ug/kg
R6CM1S	Clam-R6CM1S	02/06/2003	Field Sample	8270	91-94-1	T	3,3'-Dichlorobenzidine	2000	U	2000	ug/kg
R6CM1S	Clam-R6CM1S	02/06/2003	Field Sample	8270	108-44-5	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	990	U	990	ug/kg
R6CM1S	Clam-R6CM1S	02/06/2003	Field Sample	8270	99-09-2	T	3-Nitroaniline	5100	U	5100	ug/kg
R6CM1S	Clam-R6CM1S	02/06/2003	Field Sample	8081	72-54-8	T	4,4'-DDD	10	U	10	ug/kg

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,4'-DDE	4.5	J	10	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,4'-DDT	10	U	10	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4,6-Dinitro-2-methylphenol	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Bromophenyl Phenyl Ether	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Chloro-3-methylphenol	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Chlorophenyl Phenyl Ether	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Nitrophenol	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Acenaphthene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Acenaphthylene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Aldrin	5	U	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	alpha-BHC	5	U	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	alpha-Chlordane	5	U	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Aluminum	10		20	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Anthracene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Antimony	1.8	U	1.8	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Arsenic	1.6		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Barium	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo(a)anthracene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo(a)pyrene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo(b)fluoranthene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo(g,h,i)perylene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo(k)fluoranthene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzyl Butyl Phthalate	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Beryllium	0.35	U	0.35	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	beta-BHC	5	U	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	bis(2-Chloroethoxy)methane	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	bis(2-Chloroethyl)ether	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	bis(2-Ethylhexyl)phthalate	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Cadmium	0.45	U	0.45	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Carbazole	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Chromium	5		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Chrysene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Cobalt	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Copper	4.3		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dalapon	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Decachlorobiphenyl	50	U	50	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	delta-BHC	5	U	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dibenz(a,h)anthracene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dibenzofuran	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dicamba	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-DICHLORO	T	Dichlorobiphenyl	10	U	10	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dichloroprop	330	U	330	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dieldrin	10	U	10	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Diethyl Phthalate	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dimethyl Phthalate	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Di-n-butylphthalate	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Di-n-octylphthalate	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dinoseb	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endosulfan I	5	U	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endosulfan II	10	U	10	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endosulfan Sulfate	10	U	10	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endrin	10	U	10	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endrin Aldehyde	10	U	10	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endrin Ketone	10	U	10	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Fluoranthene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Fluorene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	gamma-BHC (Lindane)	5	U	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	gamma-Chlordane	5	U	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Heptachlor	5	U	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Heptachlor Epoxide	5	U	5	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-HEPTACHLOR	T	Heptachlorobiphenyl	30	U	30	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Hexachlorobenzene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-HEXACHLORO	T	Hexachlorobiphenyl	20	U	20	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Hexachlorobutadiene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Hexachlorocyclopentadiene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Hexachloroethane	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Indeno(1,2,3-cd)pyrene	71	J	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Iron	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Isophorone	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Lead	0.45	U	0.45	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Magnesium	[illegible]		47	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Manganese	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	MCPP	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Mercury	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Methoxychlor	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-MONOCHLORO	T	Monochlorobiphenyl	10	U	10	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Naphthalene	[illegible]	U	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Nickel	[illegible]		3.5	[illegible]

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
R5CM1S	Clam-R5CM1S	02/06/2003	Field Sample	8270	98-95-3	T	Nitrobenzene	990	U	990	ug/kg
R5CM1S	Clam-R5CM1S	02/06/2003	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	990	U	990	ug/kg
R5CM1S	Clam-R5CM1S	02/06/2003	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	990	U	990	ug/kg
R5CM1S	Clam-R5CM1S	02/06/2003	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	50	U	50	ug/kg
R5CM1S	Clam-R5CM1S	02/06/03	Field Sample	8290	3268-87-9	T	OCDD	2.4	U	2.4	pg/g
R5CM1S	Clam-R5CM1S	02/06/03	Field Sample	8290	39001-02-0	T	OCDF	0.2	U	0.2	pg/g
R5CM1S	Clam-R5CM1S	02/06/2003	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	30	U	30	ug/kg
R5CM1S	Clam-R5CM1S	02/06/2003	Field Sample	8270	106-47-8	T	P-Chloroaniline	2000	U	2000	ug/kg
R5CM1S	Clam-R5CM1S	02/06/2003	Field Sample	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	20	U	20	ug/kg
R5CM1S	Clam-R5CM1S	02/06/2003	Field Sample	8270	87-86-5	T	Pentachlorophenol	160	J	17	ug/kg
R5CM1S	Clam-R5CM1S	02/06/2003	Field Sample	8151	87-86-5	T	Pentachlorophenol	51	U	51	ug/kg
R5CM1S	Clam-R5CM1S	02/06/03	Field Sample	8290	Q847	T	Percent Lipids	3.2		1	%
R5CM1S	Clam-R5CM1S	02/06/2003	Field Sample	8270	85-01-8	T	Phenanthrene	990	U	990	ug/kg
R5CM1S	Clam-R5CM1S	02/06/2003	Field Sample	8270	108-95-2	T	Phenol	990	U	990	ug/kg
R5CM1S	Clam-R5CM1S	02/06/2003	Field Sample	8270	100-01-6	T	P-Nitroaniline	5100	U	5100	ug/kg
R5CM1S	Clam-R5CM1S	02/06/2003	Field Sample	6010	7440-09-7	T	Potassium	120		94	mg/kg
R5CM1S	Clam-R5CM1S	02/06/2003	Field Sample	8270	129-00-0	T	Pyrene	990	U	990	ug/kg
R5CM1S	Clam-R5CM1S	02/06/2003	Field Sample	6010	7782-49-2	T	Selenium	0.9	U	0.9	mg/kg
R5CM1S	Clam-R5CM1S	02/06/2003	Field Sample	6010	7440-22-4	T	Silver	0.9	U	0.9	mg/kg
R5CM1S	Clam-R5CM1S	02/06/2003	Field Sample	6010	7440-23-5	T	Sodium	2200		46	mg/kg
R5CM1S	Clam-R5CM1S	02/06/2003	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	20	U	20	ug/kg
R5CM1S	Clam-R5CM1S	02/06/2003	Field Sample	6010	7440-28-0	T	Thallium	0.9	U	0.9	mg/kg
R5CM1S	Clam-R5CM1S	02/06/03	Field Sample	8290	37871-00-4	T	Total HpCDD	0.25	U	0.25	pg/g
R5CM1S	Clam-R5CM1S	02/06/03	Field Sample	8290	38998-75-3	T	Total HpCDF	0.24	U	0.24	pg/g
R5CM1S	Clam-R5CM1S	02/06/03	Field Sample	8290	34465-46-8	T	Total HxCDD	0.21	U	0.21	pg/g
R5CM1S	Clam-R5CM1S	02/06/03	Field Sample	8290	55684-94-1	T	Total HxCDF	0.14	U	0.14	pg/g
R5CM1S	Clam-R5CM1S	02/06/03	Field Sample	8290	36088-22-9	T	Total PeCDD	0.26	U	0.26	pg/g
R5CM1S	Clam-R5CM1S	02/06/03	Field Sample	8290	30402-15-4	T	Total PeCDF	0.15	U	0.15	pg/g
R5CM1S	Clam-R5CM1S	02/06/03	Field Sample	8290	41903-57-5	T	Total TCDD	0.14	U	0.14	pg/g
R5CM1S	Clam-R5CM1S	02/06/03	Field Sample	8290	55722-27-5	T	Total TCDF	1.2	U	1.2	pg/g
R5CM1S	Clam-R5CM1S	02/06/2003	Field Sample	8081	8001-35-2	T	Toxaphene	500	U	500	ug/kg
R5CM1S	Clam-R5CM1S	02/06/2003	Field Sample	680	C-TRICHLOROB	T	Trichlorobiphenyl	10	U	10	ug/kg
R5CM1S	Clam-R5CM1S	02/06/2003	Field Sample	6010	7440-62-2	T	Vanadium	0.9	U	0.9	mg/kg
R5CM1S	Clam-R5CM1S	02/06/2003	Field Sample	6010	7440-66-6	T	Zinc	4.2		0.02	mg/kg
R6AD1S	Clam-R6AD1S	02/06/03	Field Sample	8290	35822-46-9	T	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	0.3	U	0.3	pg/g
R6AD1S	Clam-R6AD1S	02/06/03	Field Sample	8290	67562-39-4	T	1,2,3,4,6,7,8-HpCDF	0.16	U	0.16	pg/g
R6AD1S	Clam-R6AD1S	02/06/03	Field Sample	8290	55673-89-7	T	1,2,3,4,7,8,9-HpCDF	0.2	U	0.2	pg/g
R6AD1S	Clam-R6AD1S	02/06/03	Field Sample	8290	39227-28-6	T	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.2	U	0.2	pg/g
R6AD1S	Clam-R6AD1S	02/06/03	Field Sample	8290	70648-26-9	T	1,2,3,4,7,8-HxCDF	0.13	U	0.13	pg/g
R6AD1S	Clam-R6AD1S	02/06/03	Field Sample	8290	57653-85-7	T	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	0.18	U	0.18	pg/g
R6AD1S	Clam-R6AD1S	02/06/03	Field Sample	8290	57117-44-9	T	1,2,3,6,7,8-HxCDF	0.11	U	0.11	pg/g
R6AD1S	Clam-R6AD1S	02/06/03	Field Sample	8290	19408-74-3	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.17	U	0.17	pg/g
R6AD1S	Clam-R6AD1S	02/06/03	Field Sample	8290	72918-21-9	T	1,2,3,7,8,9-HxCDF	0.14	U	0.14	pg/g
R6AD1S	Clam-R6AD1S	02/06/03	Field Sample	8290	57117-41-6	T	1,2,3,7,8-Pentachlorodibenzofuran	0.14	U	0.14	pg/g
R6AD1S	Clam-R6AD1S	02/06/03	Field Sample	8290	40321-76-4	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.2	U	0.2	pg/g
R6AD1S	Clam-R6AD1S	02/06/2003	Field Sample	8270	120-82-1	T	1,2,4-Trichlorobenzene	990	U	990	ug/kg
R6AD1S	Clam-R6AD1S	02/06/2003	Field Sample	8270	95-50-1	T	1,2-Dichlorobenzene	990	U	990	ug/kg
R6AD1S	Clam-R6AD1S	02/06/2003	Field Sample	8270	541-73-1	T	1,3-Dichlorobenzene	990	U	990	ug/kg
R6AD1S	Clam-R6AD1S	02/06/2003	Field Sample	8270	106-46-7	T	1,4-Dichlorobenzene	990	U	990	ug/kg
R6AD1S	Clam-R6AD1S	02/06/2003	Field Sample	8270	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	990	U	990	ug/kg
R6AD1S	Clam-R6AD1S	02/06/03	Field Sample	8290	60851-34-5	T	2,3,4,6,7,8-HxCDF	0.13	U	0.13	pg/g
R6AD1S	Clam-R6AD1S	02/06/03	Field Sample	8290	57117-31-4	T	2,3,4,7,8-PeCDF	0.13	U	0.13	pg/g
R6AD1S	Clam-R6AD1S	02/06/03	Field Sample	8290	1746-01-6	T	2,3,7,8-TCDD	0.095	U	0.095	pg/g
R6AD1S	Clam-R6AD1S	02/06/03	Field Sample	8290	51207-31-9	T	2,3,7,8-Tetrachlorodibenzofuran	0.13	U	0.13	pg/g
R6AD1S	Clam-R6AD1S	02/06/2003	Field Sample	8151	93-76-5	T	2,4,5-T	25	U	25	ug/kg
R6AD1S	Clam-R6AD1S	02/06/2003	Field Sample	8151	93-72-1	T	2,4,5-TP (Silvex)	25	U	25	ug/kg
R6AD1S	Clam-R6AD1S	02/06/2003	Field Sample	8270	95-95-4	T	2,4,5-Trichlorophenol	990	U	990	ug/kg
R6AD1S	Clam-R6AD1S	02/06/2003	Field Sample	8270	88-06-2	T	2,4,6-Trichlorophenol	990	U	990	ug/kg
R6AD1S	Clam-R6AD1S	02/06/2003	Field Sample	8151	94-75-7	T	2,4-D	25	U	25	ug/kg
R6AD1S	Clam-R6AD1S	02/06/2003	Field Sample	8151	94-82-6	T	2,4-DB	25	U	25	ug/kg
R6AD1S	Clam-R6AD1S	02/06/2003	Field Sample	8270	120-83-2	T	2,4-Dichlorophenol	990	U	990	ug/kg
R6AD1S	Clam-R6AD1S	02/06/2003	Field Sample	8270	105-67-9	T	2,4-Dimethylphenol	990	U	990	ug/kg
R6AD1S	Clam-R6AD1S	02/06/2003	Field Sample	8270	51-28-5	T	2,4-Dinitrophenol	5100	U	5100	ug/kg
R6AD1S	Clam-R6AD1S	02/06/2003	Field Sample	8270	121-14-2	T	2,4-Dinitrotoluene	990	U	990	ug/kg
R6AD1S	Clam-R6AD1S	02/06/2003	Field Sample	8270	606-20-2	T	2,6-Dinitrotoluene	990	U	990	ug/kg
R6AD1S	Clam-R6AD1S	02/06/2003	Field Sample	8270	91-58-7	T	2-Chloronaphthalene	990	U	990	ug/kg
R6AD1S	Clam-R6AD1S	02/06/2003	Field Sample	8270	95-57-8	T	2-Chlorophenol	990	U	990	ug/kg
R6AD1S	Clam-R6AD1S	02/06/2003	Field Sample	8270	91-57-6	T	2-Methylnaphthalene	990	U	990	ug/kg
R6AD1S	Clam-R6AD1S	02/06/2003	Field Sample	8270	95-48-7	T	2-Methylphenol (o-Cresol)	990	U	990	ug/kg
R6AD1S	Clam-R6AD1S	02/06/2003	Field Sample	8270	88-74-4	T	2-Nitroaniline	5100	U	5100	ug/kg
R6AD1S	Clam-R6AD1S	02/06/2003	Field Sample	8270	88-75-5	T	2-Nitrophenol	990	U	990	ug/kg
R6AD1S	Clam-R6AD1S	02/06/2003	Field Sample	8270	91-94-1	T	3,3'-Dichlorobenzidine	2000	U	2000	ug/kg
R6AD1S	Clam-R6AD1S	02/06/2003	Field Sample	8270	108-44-5	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	990	U	990	ug/kg
R6AD1S	Clam-R6AD1S	02/06/2003	Field Sample	8270	99-09-2	T	3-Nitroaniline	5100	U	5100	ug/kg
R6AD1S	Clam-R6AD1S	02/06/2003	Field Sample	8081	72-54-8	T	4,4'-DDD	10	U	10	ug/kg
R6AD1S	Clam-R6AD1S	02/06/2003	Field Sample	8081	72-55-9	T	4,4'-DDE	3	J	10	ug/kg
R6AD1S	Clam-R6AD1S	02/06/2003	Field Sample	8081	50-29-3	T	4,4'-DDT	10	U	10	ug/kg
R6AD1S	Clam-R6AD1S	02/06/2003	Field Sample	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	5100	U	5100	ug/kg

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Name	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Bromophenyl Phenyl Ether	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Chloro-3-methylphenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Chlorophenyl Phenyl Ether	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Nitrophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Acenaphthene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Acenaphthylene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Aldrin	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	alpha-BHC	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	alpha-Chlordane	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Aluminum	22		20	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Anthracene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Antimony	1.9	U	1.9	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Arsenic	1.6		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Barium	72		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo(a)anthracene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo(a)pyrene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo(b)fluoranthene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo(g,h,i)perylene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo(k)fluoranthene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzyl Butyl Phthalate	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Beryllium	0.37	U	0.37	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	beta-BHC	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	bis(2-Chloroethoxy)methane	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	bis(2-Chloroethyl)ether	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	bis(2-Ethylhexyl)phthalate	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Cadmium	0.45	U	0.45	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Carbazole	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Chromium	2.5		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Chrysene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Cobalt	0.32		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Copper	3.9		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Decachlorobiphenyl	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	delta-BHC	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dibenzo(a,h)anthracene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dibenzofuran	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dicamba	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dichlorobiphenyl	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dichlorprop	6.3	J	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dieldrin	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Diethyl Phthalate	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dimethyl Phthalate	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Di-n-butylphthalate	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Di-n-octylphthalate	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dinoseb	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endosulfan I	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endosulfan II	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endosulfan Sulfate	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endrin	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endrin Aldehyde	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endrin Ketone	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Fluoranthene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Fluorene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	gamma-BHC (Lindane)	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	gamma-Chlordane	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Heptachlor	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Heptachlor Epoxide	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Heptachlorobiphenyl	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Hexachlorobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Hexachlorobiphenyl	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Hexachlorobutadiene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Hexachlorocyclopentadiene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Hexachloroethane	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Indeno(1,2,3-cd)pyrene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Iron	[illegible]		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Isophorone	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Lead	0.55		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Magnesium	[illegible]		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Manganese	[illegible]		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	MCPP	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Mercury	[illegible]		0.017	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Methoxychlor	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Monochlorobiphenyl	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Naphthalene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Nickel	[illegible]		3.5	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Nitrobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	N-Nitroso-di-n-propylamine	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	N-Nitrosodiphenylamine	[illegible]	U	[illegible]	ug/kg

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
RBAD1S	Clam-RBAD1S	02/06/2003	Field Sample	680	C-NONACHLORO	T	Nonachlorobiphenyl	50	U	50	ug/kg
RBAD1S	Clam-RBAD1S	02/06/03	Field Sample	8290	3268-87-9	T	OCDD	3.7	U	3.7	pg/g
RBAD1S	Clam-RBAD1S	02/06/03	Field Sample	8290	39001-02-0	T	OCDF	0.22	U	0.22	pg/g
RBAD1S	Clam-RBAD1S	02/06/2003	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	30	U	30	ug/kg
RBAD1S	Clam-RBAD1S	02/06/2003	Field Sample	8270	106-47-8	T	P-Chloroaniline	2000	U	2000	ug/kg
RBAD1S	Clam-RBAD1S	02/06/2003	Field Sample	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	20	U	20	ug/kg
RBAD1S	Clam-RBAD1S	02/06/2003	Field Sample	8270	87-86-5	T	Pentachlorophenol	5100	U	5100	ug/kg
RBAD1S	Clam-RBAD1S	02/06/2003	Field Sample	8151	87-86-5	T	Pentachlorophenol	51	U	51	ug/kg
RBAD1S	Clam-RBAD1S	02/06/03	Field Sample	8290	C847	T	Percent Lipids	1.5		1	%
RBAD1S	Clam-RBAD1S	02/06/2003	Field Sample	8270	85-01-8	T	Phenanthrene	990	U	990	ug/kg
RBAD1S	Clam-RBAD1S	02/06/2003	Field Sample	8270	108-95-2	T	Phenol	990	U	990	ug/kg
RBAD1S	Clam-RBAD1S	02/06/2003	Field Sample	8270	100-01-6	T	P-Nitroaniline	5100	U	5100	ug/kg
RBAD1S	Clam-RBAD1S	02/06/2003	Field Sample	6010	7440-09-7	T	Potassium	110		94	mg/kg
RBAD1S	Clam-RBAD1S	02/06/2003	Field Sample	8270	129-00-0	T	Pyrene	990	U	990	ug/kg
RBAD1S	Clam-RBAD1S	02/06/2003	Field Sample	6010	7782-49-2	T	Selenium	0.93	U	0.93	mg/kg
RBAD1S	Clam-RBAD1S	02/06/2003	Field Sample	6010	7440-22-4	T	Silver	0.93	U	0.93	mg/kg
RBAD1S	Clam-RBAD1S	02/06/2003	Field Sample	6010	7440-23-5	T	Sodium	2500		46	mg/kg
RBAD1S	Clam-RBAD1S	02/06/2003	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	20	U	20	ug/kg
RBAD1S	Clam-RBAD1S	02/06/2003	Field Sample	6010	7440-28-0	T	Thallium	0.93	U	0.93	mg/kg
RBAD1S	Clam-RBAD1S	02/06/03	Field Sample	8290	37871-00-4	T	Total HpCDD	0.34	U	0.34	pg/g
RBAD1S	Clam-RBAD1S	02/06/03	Field Sample	8290	38998-75-3	T	Total HpCDF	0.2	U	0.2	pg/g
RBAD1S	Clam-RBAD1S	02/06/03	Field Sample	8290	34465-46-8	T	Total HxCDD	0.2	U	0.2	pg/g
RBAD1S	Clam-RBAD1S	02/06/03	Field Sample	8290	55684-94-1	T	Total HxCDF	0.14	U	0.14	pg/g
RBAD1S	Clam-RBAD1S	02/06/03	Field Sample	8290	36088-22-9	T	Total PeCDD	0.46	U	0.46	pg/g
RBAD1S	Clam-RBAD1S	02/06/03	Field Sample	8290	30402-15-4	T	Total PeCDF	0.16	U	0.16	pg/g
RBAD1S	Clam-RBAD1S	02/06/03	Field Sample	8290	41903-57-5	T	Total TCDD	0.095	U	0.095	pg/g
RBAD1S	Clam-RBAD1S	02/06/03	Field Sample	8290	55722-27-5	T	Total TCDF	1.6	U	1.6	pg/g
RBAD1S	Clam-RBAD1S	02/06/2003	Field Sample	8081	8001-35-2	T	Toxaphene	500	U	500	ug/kg
RBAD1S	Clam-RBAD1S	02/06/2003	Field Sample	680	C-TRICHLOROB	T	Trichlorobiphenyl	10	U	10	ug/kg
RBAD1S	Clam-RBAD1S	02/06/2003	Field Sample	6010	7440-62-2	T	Vanadium	0.93	U	0.93	mg/kg
RBAD1S	Clam-RBAD1S	02/06/2003	Field Sample	6010	7440-66-6	T	Zinc	3.6		0.02	mg/kg
RBAM1S	Clam-RBAM1S	02/06/03	Field Sample	8290	35822-46-9	T	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	0.33	U	0.33	pg/g
RBAM1S	Clam-RBAM1S	02/06/03	Field Sample	8290	67562-39-4	T	1,2,3,4,6,7,8-HpCDF	0.22	U	0.22	pg/g
RBAM1S	Clam-RBAM1S	02/06/03	Field Sample	8290	55673-89-7	T	1,2,3,4,7,8,9-HpCDF	0.27	U	0.27	pg/g
RBAM1S	Clam-RBAM1S	02/06/03	Field Sample	8290	39227-28-6	T	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.33	U	0.33	pg/g
RBAM1S	Clam-RBAM1S	02/06/03	Field Sample	8290	70648-26-9	T	1,2,3,4,7,8-HxCDF	0.2	U	0.2	pg/g
RBAM1S	Clam-RBAM1S	02/06/03	Field Sample	8290	57653-85-7	T	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	0.29	U	0.29	pg/g
RBAM1S	Clam-RBAM1S	02/06/03	Field Sample	8290	57117-44-9	T	1,2,3,6,7,8-HxCDF	0.18	U	0.18	pg/g
RBAM1S	Clam-RBAM1S	02/06/03	Field Sample	8290	19408-74-3	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.28	U	0.28	pg/g
RBAM1S	Clam-RBAM1S	02/06/03	Field Sample	8290	72918-21-9	T	1,2,3,7,8,9-HxCDF	0.23	U	0.23	pg/g
RBAM1S	Clam-RBAM1S	02/06/03	Field Sample	8290	57117-41-6	T	1,2,3,7,8-Pentachlorodibenzofuran	0.24	U	0.24	pg/g
RBAM1S	Clam-RBAM1S	02/06/03	Field Sample	8290	40321-76-4	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.34	U	0.34	pg/g
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	8270	120-82-1	T	1,2,4-Trichlorobenzene	990	U	990	ug/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	8270	95-50-1	T	1,2-Dichlorobenzene	990	U	990	ug/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	8270	541-73-1	T	1,3-Dichlorobenzene	990	U	990	ug/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	8270	106-46-7	T	1,4-Dichlorobenzene	990	U	990	ug/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	8270	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	990	U	990	ug/kg
RBAM1S	Clam-RBAM1S	02/06/03	Field Sample	8290	60851-34-5	T	2,3,4,6,7,8-HxCDF	0.21	U	0.21	pg/g
RBAM1S	Clam-RBAM1S	02/06/03	Field Sample	8290	57117-31-4	T	2,3,4,7,8-PeCDF	0.22	U	0.22	pg/g
RBAM1S	Clam-RBAM1S	02/06/03	Field Sample	8290	1746-01-6	T	2,3,7,8-TCDD	0.16	U	0.16	pg/g
RBAM1S	Clam-RBAM1S	02/06/03	Field Sample	8290	51207-31-9	T	2,3,7,8-Tetrachlorodibenzofuran	0.15	U	0.15	pg/g
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	8151	93-76-5	T	2,4,5-T	8.3	U	8.3	ug/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	8151	93-72-1	T	2,4,5-TP (Silvex)	8.3	U	8.3	ug/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	8270	95-95-4	T	2,4,5-Trichlorophenol	990	U	990	ug/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	8270	88-06-2	T	2,4,6-Trichlorophenol	990	U	990	ug/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	8151	94-75-7	T	2,4-D	8.3	U	8.3	ug/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	8151	94-82-6	T	2,4-DB	8.3	U	8.3	ug/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	8270	120-83-2	T	2,4-Dichlorophenol	990	U	990	ug/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	8270	105-67-9	T	2,4-Dimethylphenol	990	U	990	ug/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	8270	51-28-5	T	2,4-Dinitrophenol	5100	U	5100	ug/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	8270	121-14-2	T	2,4-Dinitrotoluene	990	U	990	ug/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	8270	606-20-2	T	2,6-Dinitrotoluene	990	U	990	ug/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	8270	91-58-7	T	2-Chloronaphthalene	990	U	990	ug/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	8270	95-57-8	T	2-Chlorophenol	990	U	990	ug/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	8270	91-57-6	T	2-Methylnaphthalene	990	U	990	ug/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	8270	95-48-7	T	2-Methylphenol (o-Cresol)	990	U	990	ug/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	8270	88-74-4	T	2-Nitroaniline	5100	U	5100	ug/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	8270	88-75-5	T	2-Nitrophenol	990	U	990	ug/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	8270	91-94-1	T	3,3'-Dichlorobenzidine	2000	U	2000	ug/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	8270	108-44-6	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	990	U	990	ug/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	8270	99-09-2	T	3-Nitroaniline	5100	U	5100	ug/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	8081	72-54-8	T	4,4'-DDD	10	UJ	10	ug/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	8081	72-55-9	T	4,4'-DDE	5.6	J	10	ug/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	8081	50-29-3	T	4,4'-DDT	10	U	10	ug/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	5100	U	5100	ug/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	990	U	990	ug/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	8270	59-50-7	T	4-Chloro-3-methylphenol	990	U	990	ug/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	990	U	990	ug/kg

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	4-Nitrophenol	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Acenaphthene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Acenaphthylene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Aldrin	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	alpha-BHC	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	alpha-Chlordane	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Aluminum	18	J	20	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Anthracene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Antimony	1.9	U	1.9	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Arsenic	1.3		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Barium	73		0.91	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo(a)anthracene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo(a)pyrene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo(b)fluoranthene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo(g,h,i)perylene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzo(k)fluoranthene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Benzyl Butyl Phthalate	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Beryllium	0.57	U	0.57	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	beta-BHC	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	bis(2-Chloroethoxy)methane	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	bis(2-Chloroethyl)ether	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	bis(2-Ethylhexyl)phthalate	[illegible]	J	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Cadmium	0.45	U	0.45	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Carbazole	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Chromium	1.1		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Chrysene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Cobalt	[illegible]	U	[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Copper	3.8		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dalapon	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Decachlorobiphenyl	50	U	50	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	delta-BHC	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dibenz(a,h)anthracene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dibenzofuran	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dicamba	20	U	20	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dichlorobiphenyl	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dichlorprop	4.9	J	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dieldrin	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Diethyl Phthalate	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dimethyl Phthalate	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Di-n-butylphthalate	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Di-n-octylphthalate	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Dinoseb	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endosulfan I	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endosulfan II	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endosulfan Sulfate	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endrin	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endrin Aldehyde	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Endrin Ketone	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Fluoranthene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Fluorene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	gamma-BHC (Lindane)	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	gamma-Chlordane	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Heptachlor	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Heptachlor Epoxide	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Heptachlorobiphenyl	30	U	30	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Hexachlorobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Hexachlorobiphenyl	20	U	20	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Hexachlorobutadiene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Hexachlorocyclopentadiene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Hexachloroethane	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Indeno(1,2,3-cd)pyrene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Iron	[illegible]	J	[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Isophorone	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Lead	0.45	U	0.45	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Magnesium	[illegible]		47	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Manganese	34		0.91	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	MCPP	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Mercury	[illegible]		[illegible]	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Methoxychlor	50	UJ	50	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Monochlorobiphenyl	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Naphthalene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Nickel	3.7	U	3.7	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Nitrobenzene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	N-Nitroso-di-n-propylamine	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	N-Nitrosodiphenylamine	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Nonachlorobiphenyl	50	U	50	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	OCDD	5.8	J	1.1	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	OCDF	0.45	U	0.45	pg/g

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	680	C-OCTA-BIPHE	T	Octachlorobiphenyl	30	U	30	ug/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	8270	106-47-8	T	P-Chloroaniline	2000	U	2000	ug/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	680	C-PENTBIPHEN	T	Pentachlorobiphenyl	20	U	20	ug/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	8270	87-86-5	T	Pentachlorophenol	5100	U	5100	ug/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	8151	87-86-5	T	Pentachlorophenol	17	U	17	ug/kg
RBAM1S	Clam-RBAM1S	02/06/03	Field Sample	8290	Q847	T	Percent Lipids	3.1		1	%
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	8270	85-01-8	T	Phenanthrene	990	U	990	ug/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	8270	108-95-2	T	Phenol	990	U	990	ug/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	8270	100-01-6	T	P-Nitroaniline	5100	U	5100	ug/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	6010	7440-09-7	T	Potassium	120	J	94	mg/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	8270	129-00-0	T	Pyrene	990	U	990	ug/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	6010	7782-49-2	T	Selenium	0.93	U	0.93	mg/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	6010	7440-22-4	T	Silver	0.93	U	0.93	mg/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	6010	7440-23-5	T	Sodium	2400		45	mg/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	20	U	20	ug/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	6010	7440-28-0	T	Thallium	0.93	U	0.93	mg/kg
RBAM1S	Clam-RBAM1S	02/06/03	Field Sample	8290	37871-00-4	T	Total HpCDD	0.52	U	0.52	ppb
RBAM1S	Clam-RBAM1S	02/06/03	Field Sample	8290	38998-75-3	T	Total HpCDF	0.27	U	0.27	ppb
RBAM1S	Clam-RBAM1S	02/06/03	Field Sample	8290	34465-46-8	T	Total HxCDD	0.33	U	0.33	ppb
RBAM1S	Clam-RBAM1S	02/06/03	Field Sample	8290	55684-94-1	T	Total HxCDF	0.23	U	0.23	ppb
RBAM1S	Clam-RBAM1S	02/06/03	Field Sample	8290	36088-22-9	T	Total PeCDD	0.41	U	0.41	ppb
RBAM1S	Clam-RBAM1S	02/06/03	Field Sample	8290	30402-15-4	T	Total PeCDF	0.24	U	0.24	ppb
RBAM1S	Clam-RBAM1S	02/06/03	Field Sample	8290	41903-57-5	T	Total TCDD	0.16	U	0.16	ppb
RBAM1S	Clam-RBAM1S	02/06/03	Field Sample	8290	55722-27-5	T	Total TCDF	0.17	U	0.17	ppb
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	8081	8001-35-2	T	Toxaphene	500	U	500	ug/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	680	C-TRICHLOROB	T	Trichlorobiphenyl	10	U	10	ug/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	6010	7440-62-2	T	Vanadium	0.23		0.85	mg/kg
RBAM1S	Clam-RBAM1S	02/06/2003	Field Sample	6010	7440-66-6	T	Zinc	3.1		0.62	mg/kg
RBAM2S	Clam-RBAM2S	02/06/03	Field Duplicate	8290	35822-46-9	T	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	0.37	U	0.37	ppb
RBAM2S	Clam-RBAM2S	02/06/03	Field Duplicate	8290	67562-39-4	T	1,2,3,4,6,7,8-HpCDF	0.23	U	0.23	ppb
RBAM2S	Clam-RBAM2S	02/06/03	Field Duplicate	8290	55673-89-7	T	1,2,3,4,7,8,9-HpCDF	0.43	U	0.43	ppb
RBAM2S	Clam-RBAM2S	02/06/03	Field Duplicate	8290	39227-28-6	T	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.32	U	0.32	ppb
RBAM2S	Clam-RBAM2S	02/06/03	Field Duplicate	8290	70648-26-9	T	1,2,3,4,7,8-HxCDF	0.21	U	0.21	ppb
RBAM2S	Clam-RBAM2S	02/06/03	Field Duplicate	8290	57653-85-7	T	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	0.28	U	0.28	ppb
RBAM2S	Clam-RBAM2S	02/06/03	Field Duplicate	8290	57117-44-9	T	1,2,3,6,7,8-HxCDF	0.19	U	0.19	ppb
RBAM2S	Clam-RBAM2S	02/06/03	Field Duplicate	8290	19408-74-3	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.27	U	0.27	ppb
RBAM2S	Clam-RBAM2S	02/06/03	Field Duplicate	8290	72918-21-9	T	1,2,3,7,8,9-HxCDF	0.23	U	0.23	ppb
RBAM2S	Clam-RBAM2S	02/06/03	Field Duplicate	8290	57117-41-6	T	1,2,3,7,8-Pentachlorodibenzofuran	0.2	U	0.2	ppb
RBAM2S	Clam-RBAM2S	02/06/03	Field Duplicate	8290	40321-76-4	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.29	U	0.29	ppb
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	8270	120-82-1	T	1,2,4-Trichlorobenzene	990	U	990	ug/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	8270	95-50-1	T	1,2-Dichlorobenzene	990	U	990	ug/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	8270	541-73-1	T	1,3-Dichlorobenzene	990	U	990	ug/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	8270	106-46-7	T	1,4-Dichlorobenzene	990	U	990	ug/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	8270	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	990	U	990	ug/kg
RBAM2S	Clam-RBAM2S	02/06/03	Field Duplicate	8290	60851-34-5	T	2,3,4,6,7,8-HxCDF	0.22	U	0.22	ppb
RBAM2S	Clam-RBAM2S	02/06/03	Field Duplicate	8290	57117-31-4	T	2,3,4,7,8-PeCDF	0.18	U	0.18	ppb
RBAM2S	Clam-RBAM2S	02/06/03	Field Duplicate	8290	1746-01-6	T	2,3,7,8-TCDD	0.17	U	0.17	ppb
RBAM2S	Clam-RBAM2S	02/06/03	Field Duplicate	8290	51207-31-9	T	2,3,7,8-Tetrachlorodibenzofuran	0.21	U	0.21	ppb
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	8151	93-76-5	T	2,4,5-T	25	U	25	ug/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	8151	93-72-1	T	2,4,5-TP (Silvex)	25	U	25	ug/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	8270	95-95-4	T	2,4,5-Trichlorophenol	990	U	990	ug/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	8270	88-06-2	T	2,4,6-Trichlorophenol	990	U	990	ug/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	8151	94-75-7	T	2,4-D	25	U	25	ug/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	8151	94-82-6	T	2,4-DB	8.8	J	8.3	ug/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	8270	120-83-2	T	2,4-Dichlorophenol	990	U	990	ug/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	8270	105-67-9	T	2,4-Dimethylphenol	990	U	990	ug/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	8270	51-28-5	T	2,4-Dinitrophenol	5100	U	5100	ug/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	8270	121-14-2	T	2,4-Dinitrotoluene	990	U	990	ug/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	8270	606-20-2	T	2,6-Dinitrotoluene	990	U	990	ug/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	8270	91-58-7	T	2-Chloronaphthalene	990	U	990	ug/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	8270	95-57-8	T	2-Chlorophenol	990	U	990	ug/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	8270	91-57-6	T	2-Methylnaphthalene	990	U	990	ug/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	8270	95-48-7	T	2-Methylphenol (o-Cresol)	990	U	990	ug/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	8270	88-74-4	T	2-Nitroaniline	5100	U	5100	ug/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	8270	88-75-5	T	2-Nitrophenol	990	U	990	ug/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	8270	91-94-1	T	3,3'-Dichlorobenzidine	2000	U	2000	ug/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	8270	108-44-5	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	990	U	990	ug/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	8270	99-09-2	T	3-Nitroaniline	5100	U	5100	ug/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	8081	72-54-8	T	4,4'-DDD	10	U	10	ug/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	8081	72-55-9	T	4,4'-DDE	6	J	10	ug/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	8081	50-29-3	T	4,4'-DDT	10	U	10	ug/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	5100	U	5100	ug/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	990	U	990	ug/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	8270	59-50-7	T	4-Chloro-3-methylphenol	990	U	990	ug/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	990	U	990	ug/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	8270	100-02-7	T	4-Nitrophenol	5100	U	5100	ug/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	8270	83-32-9	T	Acenaphthene	990	U	990	ug/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	8270	208-96-8	T	Acenaphthylene	990	U	990	ug/kg

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Aldrin	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	alpha-BHC	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	alpha-Chlordane	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Aluminum	39		39	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Antimony	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Arsenic	1.9	U	1.9	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Arsenic	1		0.65	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Barium	35		0.91	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Benzyl Butyl Phthalate	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Beryllium	0.33	U	0.33	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	beta-BHC	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	bis(2-Chloroethoxy)methane	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	bis(2-Chloroethyl)ether	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	bis(2-Ethylhexyl)phthalate	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Cadmium	0.47	U	0.47	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Carbazole	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Chromium	11		0.65	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Chrysene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Cobalt	0.33		0.65	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Copper	4.9		0.91	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Dalapon	6000	U	6000	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Dibenzofuran	39	U	39	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	delta-BHC	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	[illegible]	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	C-DICHLOROB	T	Dichlorobiphenyl	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Dieldrin	4.1	J	100	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Dioxin	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Diethyl Phthalate	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Dimethyl Phthalate	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Di-n-butylphthalate	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Di-n-octylphthalate	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Dioxin	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Endosulfan I	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Endosulfan II	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Endosulfan Sulfate	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Endrin	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Endrin Aldehyde	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Endrin Ketone	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Fluoranthene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Fluorene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	gamma-BHC (Lindane)	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	gamma-Chlordane	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Heptachlor	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Heptachlor Epoxide	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	C-HEPTACLOR	T	Heptachlorobiphenyl	39	U	39	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Hexachlorobenzene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	C-HEXACHLORO	T	Hexachlorobiphenyl	39	U	39	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Hexachlorobutadiene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Hexachlorocyclopentadiene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Hexachloroethane	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Indeno(1,2,3-cd)pyrene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Iron	200		0.65	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Isophorone	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Lead	0.47	U	0.47	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Magnesium	9		47	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Manganese	32		0.91	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	MCPA (4-chloro-2-methylphenoxyacetic acid)	6000	U	6000	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	MCPP	6000	U	6000	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Mercury	0.011		0.017	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Methoxychlor	50	U	50	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	C-MONOCHLORO	T	Monochlorobiphenyl	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Naphthalene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Nickel	4.6		3.5	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	Nitrobenzene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	2-Nitrosodi-n-propylamine	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	2-Nitrosodiphenylamine	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	C-NONACHLORO	T	Nonachlorobiphenyl	39	U	39	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	OCDD	86	J	1.5	pg/g
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	OCDF	0.33	U	0.33	pg/g
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	C-OCTA-BPHE	T	Octachlorobiphenyl	39	U	39	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	[illegible]	T	P-Chloroaniline	2000	U	2000	ug/kg
[illegible]	[illegible]	[illegible]	Field Duplicate	[illegible]	C-PENTAPHEN	T	Pentachlorobiphenyl	39	U	39	ug/kg

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	8270	87-86-5	T	Pentachlorophenol	5100	U	5100	ug/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	8151	87-86-5	T	Pentachlorophenol	51	U	51	ug/kg
RBAM2S	Clam-RBAM2S	02/06/03	Field Duplicate	8290	Q847	T	Percent Lipids	4.3		1	%
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	8270	85-01-8	T	Phenanthrene	990	U	990	ug/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	8270	108-95-2	T	Phenol	990	U	990	ug/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	8270	100-01-6	T	P-Nitroaniline	5100	U	5100	ug/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	6010	7440-09-7	T	Potassium	85		94	mg/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	8270	129-00-0	T	Pyrene	990	U	990	ug/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	6010	7782-49-2	T	Selenium	0.94	U	0.94	mg/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	6010	7440-22-4	T	Silver	0.94	U	0.94	mg/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	6010	7440-23-5	T	Sodium	2500		45	mg/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	20	U	20	ug/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	6010	7440-28-0	T	Thallium	0.94	U	0.94	mg/kg
RBAM2S	Clam-RBAM2S	02/06/03	Field Duplicate	8290	37871-00-4	T	Total HpCDD	0.55	U	0.55	pg/g
RBAM2S	Clam-RBAM2S	02/06/03	Field Duplicate	8290	38998-75-3	T	Total HpCDF	0.43	U	0.43	pg/g
RBAM2S	Clam-RBAM2S	02/06/03	Field Duplicate	8290	34465-46-8	T	Total HxCDD	0.32	U	0.32	pg/g
RBAM2S	Clam-RBAM2S	02/06/03	Field Duplicate	8290	55684-94-1	T	Total HxCDF	0.23	U	0.23	pg/g
RBAM2S	Clam-RBAM2S	02/06/03	Field Duplicate	8290	36088-22-9	T	Total PeCDD	0.29	U	0.29	pg/g
RBAM2S	Clam-RBAM2S	02/06/03	Field Duplicate	8290	30402-15-4	T	Total PeCDF	0.2	U	0.2	pg/g
RBAM2S	Clam-RBAM2S	02/06/03	Field Duplicate	8290	41903-57-5	T	Total TCDD	0.17	U	0.17	pg/g
RBAM2S	Clam-RBAM2S	02/06/03	Field Duplicate	8290	55722-27-5	T	Total TCDF	1	U	1	pg/g
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	8081	8001-35-2	T	Toxaphene	500	U	500	ug/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	680	C-TRICHLOROB	T	Trichlorobiphenyl	10	U	10	ug/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	6010	7440-62-2	T	Vanadium	0.94	U	0.94	mg/kg
RBAM2S	Clam-RBAM2S	02/06/2003	Field Duplicate	6010	7440-66-6	T	Zinc	4.9		0.02	mg/kg
RBAU1S	Clam-RBAU1S	02/06/03	Field Sample	8290	35822-46-9	T	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	0.44	U	0.44	pg/g
RBAU1S	Clam-RBAU1S	02/06/03	Field Sample	8290	67562-39-4	T	1,2,3,4,6,7,8-HpCDF	0.28	U	0.28	pg/g
RBAU1S	Clam-RBAU1S	02/06/03	Field Sample	8290	55673-89-7	T	1,2,3,4,7,8,9-HpCDF	0.35	U	0.35	pg/g
RBAU1S	Clam-RBAU1S	02/06/03	Field Sample	8290	39227-28-6	T	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.39	U	0.39	pg/g
RBAU1S	Clam-RBAU1S	02/06/03	Field Sample	8290	70648-26-9	T	1,2,3,4,7,8-HxCDF	0.26	U	0.26	pg/g
RBAU1S	Clam-RBAU1S	02/06/03	Field Sample	8290	57653-85-7	T	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	0.34	U	0.34	pg/g
RBAU1S	Clam-RBAU1S	02/06/03	Field Sample	8290	57117-44-9	T	1,2,3,6,7,8-HxCDF	0.23	U	0.23	pg/g
RBAU1S	Clam-RBAU1S	02/06/03	Field Sample	8290	19408-74-3	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.32	U	0.32	pg/g
RBAU1S	Clam-RBAU1S	02/06/03	Field Sample	8290	72918-21-9	T	1,2,3,7,8,9-HxCDF	0.29	U	0.29	pg/g
RBAU1S	Clam-RBAU1S	02/06/03	Field Sample	8290	57117-41-6	T	1,2,3,7,8-Pentachlorodibenzofuran	0.28	U	0.28	pg/g
RBAU1S	Clam-RBAU1S	02/06/03	Field Sample	8290	40321-76-4	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.45	U	0.45	pg/g
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	8270	120-82-1	T	1,2,4-Trichlorobenzene	990	U	990	ug/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	8270	95-50-1	T	1,2-Dichlorobenzene	990	U	990	ug/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	8270	541-73-1	T	1,3-Dichlorobenzene	990	U	990	ug/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	8270	106-46-7	T	1,4-Dichlorobenzene	990	U	990	ug/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	8270	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	990	U	990	ug/kg
RBAU1S	Clam-RBAU1S	02/06/03	Field Sample	8290	60851-34-5	T	2,3,4,6,7,8-HxCDF	0.27	U	0.27	pg/g
RBAU1S	Clam-RBAU1S	02/06/03	Field Sample	8290	57117-31-4	T	2,3,4,7,8-PeCDF	0.26	U	0.26	pg/g
RBAU1S	Clam-RBAU1S	02/06/03	Field Sample	8290	1746-01-6	T	2,3,7,8-TCDD	0.2	U	0.2	pg/g
RBAU1S	Clam-RBAU1S	02/06/03	Field Sample	8290	51207-31-9	T	2,3,7,8-Tetrachlorodibenzofuran	0.22	U	0.22	pg/g
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	8151	93-76-5	T	2,4,5-T	8.3	U	8.3	ug/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	8151	93-72-1	T	2,4,5-TP (Silvex)	8.3	U	8.3	ug/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	8270	95-95-4	T	2,4,5-Trichlorophenol	990	U	990	ug/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	8270	88-06-2	T	2,4,6-Trichlorophenol	990	U	990	ug/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	8151	94-75-7	T	2,4-D	8.3	U	8.3	ug/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	8151	94-82-6	T	2,4-DB	8.3	U	8.3	ug/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	8270	120-83-2	T	2,4-Dichlorophenol	990	U	990	ug/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	8270	105-67-9	T	2,4-Dimethylphenol	990	U	990	ug/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	8270	51-28-5	T	2,4-Dinitrophenol	5100	U	5100	ug/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	8270	121-14-2	T	2,4-Dinitrotoluene	990	U	990	ug/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	8270	606-20-2	T	2,6-Dinitrotoluene	990	U	990	ug/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	8270	91-58-7	T	2-Chloronaphthalene	990	U	990	ug/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	8270	95-57-8	T	2-Chlorophenol	990	U	990	ug/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	8270	91-57-6	T	2-Methylnaphthalene	990	U	990	ug/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	8270	95-48-7	T	2-Methylphenol (o-Cresol)	990	U	990	ug/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	8270	88-74-4	T	2-Nitroaniline	5100	U	5100	ug/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	8270	88-75-5	T	2-Nitrophenol	990	U	990	ug/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	8270	91-94-1	T	3,3'-Dichlorobenzidine	2000	U	2000	ug/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	8270	105-44-5	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	990	U	990	ug/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	8270	99-09-2	T	3-Nitroaniline	5100	U	5100	ug/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	8081	72-54-8	T	4,4'-DDD	10	UJ	10	ug/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	8081	72-55-9	T	4,4'-DDE	10	U	10	ug/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	8081	50-29-3	T	4,4'-DDT	10	U	10	ug/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	5100	U	5100	ug/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	990	U	990	ug/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	8270	59-50-7	T	4-Chloro-3-methylphenol	990	U	990	ug/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	990	U	990	ug/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	8270	100-02-7	T	4-Nitrophenol	5100	U	5100	ug/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	8270	83-32-9	T	Acenaphthene	990	U	990	ug/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	8270	208-96-8	T	Acenaphthylene	990	U	990	ug/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	8081	309-00-2	T	Aldrin	5	U	5	ug/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	8081	319-84-6	T	alpha-BHC	5	U	5	ug/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	8081	5103-71-9	T	alpha-Chlordane	5	U	5	ug/kg

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	Field Sample	6010	7429-90-5	T	Aluminum	13	U	20	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	8270	120-12-7	T	Anthracene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	6010	7440-36-0	T	Antimony	1.8	U	1.8	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	6010	7440-38-2	T	Arsenic	1.4		0.88	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	6010	7440-39-3	T	Barium	22		0.88	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8270	191-24-2	T	Benzo(g,h,i)perylene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8270	207-08-9	T	Benzo(k)fluoranthene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8270	85-68-7	T	Benzyl Butyl Phthalate	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	6010	7440-41-7	T	Beryllium	0.35	U	0.35	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	8081	319-85-7	T	beta-BHC	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8270	111-91-1	T	bis(2-Chloroethoxy)methane	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8270	111-44-4	T	bis(2-Chloroethyl)ether	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8270	117-81-7	T	bis(2-Ethylhexyl)phthalate	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	6010	7440-43-9	T	Cadmium	0.45	U	0.45	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	8270	86-74-8	T	Carbazole	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	6010	7440-47-3	T	Chromium	1.1		0.88	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	8270	218-01-9	T	Chrysene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	6010	7440-48-4	T	Cobalt	0.9	U	0.9	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	6010	7440-50-8	T	Copper	3.7		0.88	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	8151	75-99-0	T	Dalapon	2000	U	2000	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8082	2051-24-3	T	Decachlorobiphenyl	50	U	50	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8081	319-86-8	T	delta-BHC	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8270	53-70-3	T	Dibenz(a,h)anthracene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8270	132-64-9	T	Dibenzofuran	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8151	1918-00-9	T	Dicamba	20	U	20	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8082	C-DICHLOROBI	T	Dichlorobiphenyl	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8151	120-36-5	T	Dichloroprop	6.2	J	100	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8081	60-57-1	T	Dieldrin	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8270	84-66-2	T	Diethyl Phthalate	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8270	131-11-3	T	Dimethyl Phthalate	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8270	84-74-2	T	Di-n-butylphthalate	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8270	117-84-0	T	Di-n-octylphthalate	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8151	88-85-7	T	Dinoseb	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8081	959-98-8	T	Endosulfan I	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8081	33213-65-9	T	Endosulfan II	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8081	1031-07-8	T	Endosulfan Sulfate	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8081	72-20-8	T	Endrin	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8081	7421-93-4	T	Endrin Aldehyde	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8081	53494-70-5	T	Endrin Ketone	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8270	206-44-0	T	Fluoranthene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8270	86-73-7	T	Fluorene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8081	58-89-9	T	gamma-BHC (Lindane)	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8081	5103-74-2	T	gamma-Chlordane	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8081	76-44-8	T	Heptachlor	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8081	1024-57-3	T	Heptachlor Epoxide	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8082	C-HEPTACHLOR	T	Heptachlorobiphenyl	30	U	30	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8270	118-74-1	T	Hexachlorobenzene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8082	C-HEXACHLORO	T	Hexachlorobiphenyl	20	U	20	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8270	87-68-3	T	Hexachlorobutadiene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8270	77-47-4	T	Hexachlorocyclopentadiene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8270	67-72-1	T	Hexachloroethane	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8270	193-39-5	T	Indeno(1,2,3-cd)pyrene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	6010	7439-89-6	T	Iron	20	J	0.88	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	8270	78-59-1	T	Isophorone	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	6010	7439-92-1	T	Lead	0.45	U	0.45	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	6010	7439-95-4	T	Magnesium	42		47	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	6010	7439-96-5	T	Manganese	52		0.91	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	8151	94-74-6	T	MCPA (4-Methyl-4-Chlorophenoxyacetic Acid)	400	J	2000	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8151	93-65-2	T	MCPP	2000	U	2000	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	7471	7439-97-6	T	Mercury	0.0085		0.017	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	8081	72-43-5	T	Methoxychlor	50	UJ	50	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8082	C-MONOCHLORO	T	Monochlorobiphenyl	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8270	91-20-3	T	Naphthalene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	6010	7440-02-0	T	Nickel	0.51		3.5	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	8270	98-95-3	T	Nitrobenzene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8270	621-64-7	T	N-Nitroso-di-n-propylamine	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8270	86-30-6	T	N-Nitrosodiphenylamine	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8082	C-NONACHLORO	T	Nonachlorobiphenyl	50	U	50	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8290	3268-87-9	T	OCDD	2.8	U	2.8	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	8290	39001-02-0	T	OCDF	6.7	U	6.7	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	8082	C-OCTA-BIPHE	T	Octachlorobiphenyl	30	U	30	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8270	106-47-8	T	P-Chloroaniline	2000	U	2000	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8082	C-PENTABIPHEN	T	Pentachlorobiphenyl	20	U	20	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8151	87-86-5	T	Pentachlorophenol	17	U	17	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	8270	87-86-5	T	Pentachlorophenol	5000	U	5000	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	CD97	T	Percent Lipids	3.7		1	%

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	8270	85-01-8	T	Phenanthrene	990	U	990	ug/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	8270	108-95-2	T	Phenol	990	U	990	ug/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	8270	100-01-6	T	P-Nitroaniline	5100	U	5100	ug/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	6010	7440-09-7	T	Potassium	100	J	94	mg/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	8270	129-00-0	T	Pyrene	990	U	990	ug/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	6010	7782-49-2	T	Selenium	0.9	U	0.9	mg/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	6010	7440-22-4	T	Silver	0.9	U	0.9	mg/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	6010	7440-23-5	T	Sodium	3000		45	mg/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	20	U	20	ug/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	6010	7440-28-0	T	Thallium	0.9	U	0.9	mg/kg
RBAU1S	Clam-RBAU1S	02/06/03	Field Sample	8290	37871-00-4	T	Total HpCDD	0.44	U	0.44	ppb
RBAU1S	Clam-RBAU1S	02/06/03	Field Sample	8290	38998-75-3	T	Total HpCDF	0.35	U	0.35	ppb
RBAU1S	Clam-RBAU1S	02/06/03	Field Sample	8290	34465-46-8	T	Total HxCDD	0.39	U	0.39	ppb
RBAU1S	Clam-RBAU1S	02/06/03	Field Sample	8290	55684-94-1	T	Total HxCDF	0.29	U	0.29	ppb
RBAU1S	Clam-RBAU1S	02/06/03	Field Sample	8290	36088-22-9	T	Total PeCDD	0.45	U	0.45	ppb
RBAU1S	Clam-RBAU1S	02/06/03	Field Sample	8290	30402-15-4	T	Total PeCDF	0.28	U	0.28	ppb
RBAU1S	Clam-RBAU1S	02/06/03	Field Sample	8290	41903-57-5	T	Total TCDD	0.2	U	0.2	ppb
RBAU1S	Clam-RBAU1S	02/06/03	Field Sample	8290	55722-27-5	T	Total TCDF	1.6	U	1.6	ppb
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	8081	8001-35-2	T	Toxaphene	500	U	500	ug/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	680	C-TRICHLOROB	T	Trichlorobiphenyl	10	U	10	ug/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	6010	7440-62-2	T	Vanadium	0.9	U	0.9	mg/kg
RBAU1S	Clam-RBAU1S	02/06/2003	Field Sample	6010	7440-66-6	T	Zinc	2.7		0.82	mg/kg
RBBM1S	Clam-RBBM1S	02/06/03	Field Sample	8290	35822-46-9	T	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	0.43	U	0.43	ppb
RBBM1S	Clam-RBBM1S	02/06/03	Field Sample	8290	67562-39-4	T	1,2,3,4,6,7,8-HpCDF	0.22	U	0.22	ppb
RBBM1S	Clam-RBBM1S	02/06/03	Field Sample	8290	55673-89-7	T	1,2,3,4,7,8,9-HpCDF	0.27	U	0.27	ppb
RBBM1S	Clam-RBBM1S	02/06/03	Field Sample	8290	39227-28-6	T	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.48	UJ	0.48	ppb
RBBM1S	Clam-RBBM1S	02/06/03	Field Sample	8290	70648-26-9	T	1,2,3,4,7,8-HxCDF	0.27	U	0.27	ppb
RBBM1S	Clam-RBBM1S	02/06/03	Field Sample	8290	57653-85-7	T	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	0.47	U	0.47	ppb
RBBM1S	Clam-RBBM1S	02/06/03	Field Sample	8290	57117-44-9	T	1,2,3,6,7,8-HxCDF	0.24	UJ	0.24	ppb
RBBM1S	Clam-RBBM1S	02/06/03	Field Sample	8290	19408-74-3	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.45	U	0.45	ppb
RBBM1S	Clam-RBBM1S	02/06/03	Field Sample	8290	72918-21-9	T	1,2,3,7,8,9-HxCDF	0.32	U	0.32	ppb
RBBM1S	Clam-RBBM1S	02/06/03	Field Sample	8290	57117-41-6	T	1,2,3,7,8-Pentachlorodibenzofuran	0.25	U	0.25	ppb
RBBM1S	Clam-RBBM1S	02/06/03	Field Sample	8290	40321-76-4	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.55	U	0.55	ppb
RBBM1S	Clam-RBBM1S	02/06/2003	Field Sample	8270	120-82-1	T	1,2,4-Trichlorobenzene	990	U	990	ug/kg
RBBM1S	Clam-RBBM1S	02/06/2003	Field Sample	8270	95-50-1	T	1,2-Dichlorobenzene	990	U	990	ug/kg
RBBM1S	Clam-RBBM1S	02/06/2003	Field Sample	8270	541-73-1	T	1,3-Dichlorobenzene	990	U	990	ug/kg
RBBM1S	Clam-RBBM1S	02/06/2003	Field Sample	8270	106-46-7	T	1,4-Dichlorobenzene	990	U	990	ug/kg
RBBM1S	Clam-RBBM1S	02/06/2003	Field Sample	8270	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	990	U	990	ug/kg
RBBM1S	Clam-RBBM1S	02/06/03	Field Sample	8290	60851-34-5	T	2,3,4,6,7,8-HxCDF	0.28	U	0.28	ppb
RBBM1S	Clam-RBBM1S	02/06/03	Field Sample	8290	57117-31-4	T	2,3,4,7,8-PeCDF	0.27	U	0.27	ppb
RBBM1S	Clam-RBBM1S	02/06/03	Field Sample	8290	1746-01-6	T	2,3,7,8-TCDD	0.24	U	0.24	ppb
RBBM1S	Clam-RBBM1S	02/06/03	Field Sample	8290	51207-31-9	T	2,3,7,8-Tetrachlorodibenzofuran	0.17	U	0.17	ppb
RBBM1S	Clam-RBBM1S	02/06/2003	Field Sample	8151	93-76-5	T	2,4,5-T	8.3	U	8.3	ug/kg
RBBM1S	Clam-RBBM1S	02/06/2003	Field Sample	8151	93-72-1	T	2,4,5-TP (Silvex)	8.3	U	8.3	ug/kg
RBBM1S	Clam-RBBM1S	02/06/2003	Field Sample	8270	95-95-4	T	2,4,5-Trichlorophenol	990	U	990	ug/kg
RBBM1S	Clam-RBBM1S	02/06/2003	Field Sample	8270	88-06-2	T	2,4,6-Trichlorophenol	990	U	990	ug/kg
RBBM1S	Clam-RBBM1S	02/06/2003	Field Sample	8151	94-75-7	T	2,4-D	8.3	U	8.3	ug/kg
RBBM1S	Clam-RBBM1S	02/06/2003	Field Sample	8151	94-82-6	T	2,4-DB	8.3	U	8.3	ug/kg
RBBM1S	Clam-RBBM1S	02/06/2003	Field Sample	8270	120-83-2	T	2,4-Dichlorophenol	990	U	990	ug/kg
RBBM1S	Clam-RBBM1S	02/06/2003	Field Sample	8270	105-67-9	T	2,4-Dimethylphenol	990	U	990	ug/kg
RBBM1S	Clam-RBBM1S	02/06/2003	Field Sample	8270	51-28-5	T	2,4-Dinitrophenol	5100	U	5100	ug/kg
RBBM1S	Clam-RBBM1S	02/06/2003	Field Sample	8270	121-14-2	T	2,4-Dinitrotoluene	990	U	990	ug/kg
RBBM1S	Clam-RBBM1S	02/06/2003	Field Sample	8270	606-20-2	T	2,6-Dinitrotoluene	990	U	990	ug/kg
RBBM1S	Clam-RBBM1S	02/06/2003	Field Sample	8270	91-58-7	T	2-Chloronaphthalene	990	U	990	ug/kg
RBBM1S	Clam-RBBM1S	02/06/2003	Field Sample	8270	95-57-8	T	2-Chlorophenol	990	U	990	ug/kg
RBBM1S	Clam-RBBM1S	02/06/2003	Field Sample	8270	91-57-6	T	2-Methylnaphthalene	990	U	990	ug/kg
RBBM1S	Clam-RBBM1S	02/06/2003	Field Sample	8270	95-48-7	T	2-Methylphenol (o-Cresol)	990	U	990	ug/kg
RBBM1S	Clam-RBBM1S	02/06/2003	Field Sample	8270	88-74-4	T	2-Nitroaniline	5100	U	5100	ug/kg
RBBM1S	Clam-RBBM1S	02/06/2003	Field Sample	8270	88-75-5	T	2-Nitrophenol	990	U	990	ug/kg
RBBM1S	Clam-RBBM1S	02/06/2003	Field Sample	8270	91-94-1	T	3,3'-Dichlorobenzidine	2000	U	2000	ug/kg
RBBM1S	Clam-RBBM1S	02/06/2003	Field Sample	8270	106-44-5	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	990	U	990	ug/kg
RBBM1S	Clam-RBBM1S	02/06/2003	Field Sample	8270	99-09-2	T	3-Nitroaniline	5100	U	5100	ug/kg
RBBM1S	Clam-RBBM1S	02/06/2003	Field Sample	8081	72-54-8	T	4,4'-DDD	10	U	10	ug/kg
RBBM1S	Clam-RBBM1S	02/06/2003	Field Sample	8081	72-55-9	T	4,4'-DDE	3.1	J	10	ug/kg
RBBM1S	Clam-RBBM1S	02/06/2003	Field Sample	8081	50-29-3	T	4,4'-DDT	10	U	10	ug/kg
RBBM1S	Clam-RBBM1S	02/06/2003	Field Sample	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	5100	U	5100	ug/kg
RBBM1S	Clam-RBBM1S	02/06/2003	Field Sample	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	990	U	990	ug/kg
RBBM1S	Clam-RBBM1S	02/06/2003	Field Sample	8270	59-50-7	T	4-Chloro-3-methylphenol	990	U	990	ug/kg
RBBM1S	Clam-RBBM1S	02/06/2003	Field Sample	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	990	U	990	ug/kg
RBBM1S	Clam-RBBM1S	02/06/2003	Field Sample	8270	100-02-7	T	4-Nitrophenol	5100	U	5100	ug/kg
RBBM1S	Clam-RBBM1S	02/06/2003	Field Sample	8270	83-32-9	T	Acenaphthene	990	U	990	ug/kg
RBBM1S	Clam-RBBM1S	02/06/2003	Field Sample	8270	208-96-8	T	Acenaphthylene	990	U	990	ug/kg
RBBM1S	Clam-RBBM1S	02/06/2003	Field Sample	8081	309-00-2	T	Aldrin	5	U	5	ug/kg
RBBM1S	Clam-RBBM1S	02/06/2003	Field Sample	8081	319-84-6	T	alpha-BHC	5	U	5	ug/kg
RBBM1S	Clam-RBBM1S	02/06/2003	Field Sample	8081	5103-71-9	T	alpha-Chlordane	5	U	5	ug/kg
RBBM1S	Clam-RBBM1S	02/06/2003	Field Sample	6010	7429-90-5	T	Aluminum	21	J	20	mg/kg
RBBM1S	Clam-RBBM1S	02/06/2003	Field Sample	8270	120-12-7	T	Anthracene	990	U	990	ug/kg
RBBM1S	Clam-RBBM1S	02/06/2003	Field Sample	6010	7440-36-0	T	Antimony	2	U	2	mg/kg

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-38-2	T	Arsenic	1.1		0.05	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-39-3	T	Barium	85		0.5	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	56-55-3	T	Benzo(a)anthracene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	50-32-8	T	Benzo(a)pyrene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	205-99-2	T	Benzo(b)fluoranthene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	191-24-2	T	Benzo(g,h,i)perylene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	207-08-9	T	Benzo(k)fluoranthene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	85-68-7	T	Benzyl Butyl Phthalate	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-41-7	T	Beryllium	0.30	U	0.30	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	319-85-7	T	beta-BHC	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	111-91-1	T	bis(2-Chloroethoxy)methane	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	111-44-4	T	bis(2-Chloroethyl)ether	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	117-81-7	T	bis(2-Ethylhexyl)phthalate	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-43-9	T	Cadmium	0.40	U	0.40	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	86-74-8	T	Carbazole	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-47-3	T	Chromium	2.2		0.05	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	218-01-9	T	Chrysene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-48-4	T	Cobalt	0.5	U	0.5	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-50-8	T	Copper	4.8		0.05	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	75-99-0	T	Dalapon	2000	U	2000	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	2051-24-3	T	Decachlorobiphenyl	50	U	50	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	319-86-8	T	delta-BHC	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	53-70-3	T	Dibenzo(a,h)anthracene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	132-64-9	T	Dibenzofuran	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	1918-00-9	T	Dicamba	20	U	20	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-DICHLOROB	T	Dichlorobiphenyl	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	120-36-5	T	Dichlorprop	100	U	100	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	60-57-1	T	Dieldrin	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	84-66-2	T	Diethyl Phthalate	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	131-11-3	T	Dimethyl Phthalate	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	84-74-2	T	Di-n-butylphthalate	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	117-84-0	T	Di-n-octylphthalate	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	88-85-7	T	Dinoseb	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	959-98-8	T	Endosulfan I	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	33213-65-9	T	Endosulfan II	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	1031-07-8	T	Endosulfan Sulfate	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	72-20-8	T	Endrin	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7421-93-4	T	Endrin Aldehyde	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	53494-70-5	T	Endrin Ketone	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	206-44-0	T	Fluoranthene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	86-73-7	T	Fluorene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	58-89-9	T	gamma-BHC (Lindane)	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	5103-74-2	T	gamma-Chlordane	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	76-44-8	T	Heptachlor	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	1024-57-3	T	Heptachlor Epoxide	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-HEPTACHLOR	T	Heptachlorobiphenyl	20	U	20	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	118-74-1	T	Hexachlorobenzene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-HEXACHLORO	T	Hexachlorobiphenyl	20	U	20	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	87-68-3	T	Hexachlorobutadiene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	77-47-4	T	Hexachlorocyclopentadiene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	67-72-1	T	Hexachloroethane	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	193-39-5	T	Indeno(1,2,3-cd)pyrene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7439-89-6	T	Iron	100	J	0.05	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	78-59-1	T	Isophorone	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7439-92-1	T	Lead	0.40	U	0.40	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7439-95-4	T	Magnesium	[illegible]		47	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7439-96-5	T	Manganese	20		0.05	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	2000	U	2000	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	93-65-2	T	MCPP	2000	U	2000	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7439-97-6	T	Mercury	0.0085	J	0.007	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	72-43-5	T	Methoxychlor	50	U	50	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-MONOCHLORO	T	Monochlorobiphenyl	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	91-20-3	T	Naphthalene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-02-0	T	Nickel	0.5		3.5	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	98-95-3	T	Nitrobenzene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	621-64-7	T	N-Nitroso-di-n-propylamine	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	86-30-6	T	N-Nitrosodiphenylamine	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-NONACHLORO	T	Nonachlorobiphenyl	50	U	50	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	3268-87-9	T	OCDD	3.7	U	3.7	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	39001-02-0	T	OCDF	0.80	U	0.80	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-OCTA-BIPHE	T	Octachlorobiphenyl	20	U	20	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	106-47-8	T	P-Chloroaniline	2000	U	2000	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-PENTAPHEN	T	Pentachlorobiphenyl	20	U	20	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	1825-21-4	T	Pentachloroanisole	17	U	17	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	87-86-5	T	Pentachlorophenol	5000	U	5000	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	CONT	T	Percent Lipids	2.5		1	%
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	85-01-8	T	Phenanthrene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	108-95-2	T	Phenol	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	100-01-6	T	P-Nitroaniline	5000	U	5000	ug/kg

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	6010	7440-09-7	T	Potassium	71		94	mg/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	8270	129-00-0	T	Pyrene	990	U	990	ug/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	6010	7782-49-2	T	Selenium	0.98	U	0.98	mg/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	6010	7440-22-4	T	Silver	0.98	U	0.98	mg/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	6010	7440-23-5	T	Sodium	2700	J	45	mg/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	20	U	20	ug/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	6010	7440-28-0	T	Thallium	0.98	U	0.98	mg/kg
RIBM1S	Clam-RIBM1S	02/06/03	Field Sample	8290	37871-00-4	T	Total HpCDD	0.44	U	0.44	ppt/g
RIBM1S	Clam-RIBM1S	02/06/03	Field Sample	8290	38998-75-3	T	Total HpCDF	0.27	U	0.27	ppt/g
RIBM1S	Clam-RIBM1S	02/06/03	Field Sample	8290	34465-46-8	T	Total HxCDD	0.48	U	0.48	ppt/g
RIBM1S	Clam-RIBM1S	02/06/03	Field Sample	8290	55684-94-1	T	Total HxCDF	0.32	U	0.32	ppt/g
RIBM1S	Clam-RIBM1S	02/06/03	Field Sample	8290	36088-22-9	T	Total PeCDD	0.55	U	0.55	ppt/g
RIBM1S	Clam-RIBM1S	02/06/03	Field Sample	8290	30402-15-4	T	Total PeCDF	0.33	U	0.33	ppt/g
RIBM1S	Clam-RIBM1S	02/06/03	Field Sample	8290	41903-57-5	T	Total TCDD	0.24	U	0.24	ppt/g
RIBM1S	Clam-RIBM1S	02/06/03	Field Sample	8290	55722-27-5	T	Total TCDF	1.2	U	1.2	ppt/g
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	8081	8001-35-2	T	Toxaphene	500	U	500	ug/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	680	C-TRICHLOROB	T	Trichlorobiphenyl	10	U	10	ug/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	6010	7440-62-2	T	Vanadium	0.98	U	0.98	mg/kg
RIBM1S	Clam-RIBM1S	02/06/2003	Field Sample	6010	7440-66-6	T	Zinc	2.7	J	0.02	mg/kg
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	35822-46-9	T	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	0.24	U	0.24	ppt/g
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	67562-39-4	T	1,2,3,4,6,7,8-HpCDF	0.19	U	0.19	ppt/g
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	55673-89-7	T	1,2,3,4,7,8,9-HpCDF	0.24	U	0.24	ppt/g
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	39227-28-6	T	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.22	U	0.22	ppt/g
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	70648-26-9	T	1,2,3,4,7,8-HxCDF	0.15	U	0.15	ppt/g
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	57653-85-7	T	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	0.19	U	0.19	ppt/g
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	57117-44-9	T	1,2,3,6,7,8-HxCDF	0.13	U	0.13	ppt/g
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	19408-74-3	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.18	U	0.18	ppt/g
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	72918-21-9	T	1,2,3,7,8,9-HxCDF	0.17	U	0.17	ppt/g
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	57117-41-6	T	1,2,3,7,8-Pentachlorodibenzofuran	0.18	U	0.18	ppt/g
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	40321-76-4	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.25	U	0.25	ppt/g
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	120-82-1	T	1,2,4-Trichlorobenzene	990	U	990	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	95-50-1	T	1,2-Dichlorobenzene	990	U	990	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	541-73-1	T	1,3-Dichlorobenzene	990	U	990	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	106-46-7	T	1,4-Dichlorobenzene	990	U	990	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	990	U	990	ug/kg
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	60851-34-5	T	2,3,4,6,7,8-HxCDF	0.16	U	0.16	ppt/g
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	57117-31-4	T	2,3,4,7,8-PeCDF	0.17	U	0.17	ppt/g
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	1746-01-6	T	2,3,7,8-TCDD	0.13	U	0.13	ppt/g
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	51207-31-9	T	2,3,7,8-Tetrachlorodibenzofuran	0.15	U	0.15	ppt/g
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8151	93-76-5	T	2,4,5-T	8.3	U	8.3	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8151	93-72-1	T	2,4,5-TP (Silvex)	8.3	U	8.3	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	95-95-4	T	2,4,5-Trichlorophenol	990	U	990	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	88-06-2	T	2,4,6-Trichlorophenol	990	U	990	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8151	94-75-7	T	2,4-D	8.3	U	8.3	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8151	94-82-6	T	2,4-DB	8.3	U	8.3	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	120-83-2	T	2,4-Dichlorophenol	990	U	990	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	105-67-9	T	2,4-Dimethylphenol	990	U	990	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	51-28-5	T	2,4-Dinitrophenol	5100	U	5100	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	121-14-2	T	2,4-Dinitrotoluene	990	U	990	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	606-20-2	T	2,6-Dinitrotoluene	990	U	990	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	91-58-7	T	2-Chloronaphthalene	990	U	990	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	95-57-8	T	2-Chlorophenol	990	U	990	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	91-57-6	T	2-Methylnaphthalene	990	U	990	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	95-48-7	T	2-Methylphenol (o-Cresol)	990	U	990	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	88-74-4	T	2-Nitroaniline	5100	U	5100	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	88-75-5	T	2-Nitrophenol	990	U	990	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	91-94-1	T	3,3'-Dichlorobenzidine	2000	U	2000	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	108-44-5	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	990	U	990	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	99-09-2	T	3-Nitroaniline	5100	U	5100	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8081	72-54-8	T	4,4'-DDD	10	UJ	10	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8081	72-55-9	T	4,4'-DDE	5.8	J	10	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8081	50-29-3	T	4,4'-DDT	10	U	10	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	5100	U	5100	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	990	U	990	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	59-50-7	T	4-Chloro-3-methylphenol	990	U	990	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	990	U	990	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	100-02-7	T	4-Nitrophenol	5100	U	5100	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	83-32-9	T	Acenaphthene	990	U	990	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	208-96-8	T	Acenaphthylene	990	U	990	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8081	309-00-2	T	Aldrin	5	U	5	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8081	319-84-6	T	alpha-BHC	5	U	5	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8081	5103-71-9	T	alpha-Chlordane	5	U	5	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	6010	7429-90-5	T	Aluminum	15	J	20	mg/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	120-12-7	T	Anthracene	990	U	990	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	6010	7440-36-0	T	Antimony	1.7	U	1.7	mg/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	6010	7440-38-2	T	Arsenic	0.82		0.55	mg/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	6010	7440-39-3	T	Barium	79		0.91	mg/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	990	U	990	ug/kg

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	50-32-8	T	Benzo(a)pyrene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	205-99-2	T	Benzo(b)fluoranthene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	191-24-2	T	Benzo(g,h,i)perylene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	207-08-9	T	Benzo(k)fluoranthene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	85-68-7	T	Benzyl Butyl Phthalate	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-41-7	T	Beryllium	0.35	U	0.35	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	319-85-7	T	beta-BHC	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	111-91-1	T	bis(2-Chloroethoxy)methane	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	111-44-4	T	bis(2-Chloroethyl)ether	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	117-81-7	T	bis(2-Ethylhexyl)phthalate	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-43-9	T	Cadmium	0.48	U	0.48	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	86-74-8	T	Carbazole	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-47-3	T	Chromium	3.1		0.85	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	218-01-9	T	Chrysene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-48-4	T	Cobalt	0.15		0.85	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-50-8	T	Copper	3		0.07	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	75-99-0	T	Dalapon	2000	U	2000	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	2051-24-3	T	Decachlorobiphenyl	50	U	50	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	319-86-8	T	delta-BHC	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	53-70-3	T	Dibenz(a,h)anthracene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	132-64-9	T	Dibenzofuran	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	1918-00-9	T	Dicamba	20	U	20	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-DICHLOROBI	T	Dichlorobiphenyl	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	120-36-5	T	Dichloroprop	100	U	100	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	60-57-1	T	Dieldrin	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	84-66-2	T	Diethyl Phthalate	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	131-11-3	T	Dimethyl Phthalate	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	84-74-2	T	Di-n-butylphthalate	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	117-84-0	T	Di-n-octylphthalate	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	88-85-7	T	Dinoseb	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	959-98-8	T	Endosulfan I	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	33213-65-9	T	Endosulfan II	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	1031-07-8	T	Endosulfan Sulfate	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	72-20-8	T	Endrin	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7421-93-4	T	Endrin Aldehyde	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	53494-70-5	T	Endrin Ketone	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	206-44-0	T	Fluoranthene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	86-73-7	T	Fluorene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	58-89-9	T	gamma-BHC (Lindane)	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	5103-74-2	T	gamma-Chlordane	5	U	6	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	76-44-8	T	Heptachlor	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	1024-57-3	T	Heptachlor Epoxide	5	U	5	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-HEPTACHLOR	T	Heptachlorobiphenyl	20	U	20	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	118-74-1	T	Hexachlorobenzene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-HEXACHLORO	T	Hexachlorobiphenyl	20	U	20	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	87-68-3	T	Hexachlorobutadiene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	77-47-4	T	Hexachlorocyclopentadiene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	67-72-1	T	Hexachloroethane	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	193-39-5	T	Indeno(1,2,3-cd)pyrene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7439-89-6	T	Iron	100	J	0.65	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	78-59-1	T	Isophorone	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7439-92-1	T	Lead	0.48	U	0.48	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7439-95-4	T	Magnesium	30		47	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7439-96-5	T	Manganese	45		0.51	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	400	J	2000	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	93-65-2	T	MCPP	2000	U	2000	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7439-97-6	T	Mercury	[illegible]		0.007	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	72-43-5	T	Methoxychlor	50	UJ	50	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-MONOCHLORO	T	Monochlorobiphenyl	10	U	10	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	91-20-3	T	Naphthalene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-02-0	T	Nickel	0.84		3.5	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	98-95-3	T	Nitrobenzene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	621-64-7	T	N-Nitroso-di-n-propylamine	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	86-30-6	T	N-Nitrosodiphenylamine	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-NONACHLORO	T	Nonachlorobiphenyl	50	U	50	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	3268-87-9	T	OCDD	2.4	U	2.4	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	39001-02-0	T	OCDF	6.5	U	6.5	pg/g
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-OCTA-BIPHE	T	Octachlorobiphenyl	20	U	20	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	106-47-8	T	P-Chloroaniline	2000	U	2000	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	C-PENTABIPHEN	T	Pentachlorobiphenyl	20	U	20	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	87-86-5	T	Pentachlorophenol	5000	U	5000	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	87-86-5	T	Pentachlorophenol	17	U	17	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	[illegible]	T	Percent Lipids	2.7		1	%
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	85-01-8	T	Phenanthrene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	108-95-2	T	Phenol	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	100-02-7	T	P-Nitrophenol	5000	U	5000	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7440-09-7	T	Potassium	92	J	94	mg/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	129-00-0	T	Pyrene	500	U	500	ug/kg
[illegible]	[illegible]	[illegible]	Field Sample	[illegible]	7782-49-2	T	Selenium	0.67	U	0.67	mg/kg

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	6010	7440-22-4	T	Silver	0.87	U	0.87	mg/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	6010	7440-23-5	T	Sodium	3200		45	mg/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	680	C-TETRACHLOR	T	Tetrachlorobiphenyl	20	U	20	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	6010	7440-28-0	T	Thallium	0.87	U	0.87	mg/kg
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	37871-00-4	T	Total HpCDD	0.24	U	0.24	pg/g
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	38998-75-3	T	Total HpCDF	0.24	U	0.24	pg/g
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	34465-46-8	T	Total HxCDD	0.22	U	0.22	pg/g
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	55684-94-1	T	Total HxCDF	0.17	U	0.17	pg/g
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	36088-22-9	T	Total PeCDD	0.39	U	0.39	pg/g
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	30402-15-4	T	Total PeCDF	0.21	U	0.21	pg/g
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	41903-57-5	T	Total TCDD	0.13	U	0.13	pg/g
RIBU1S	Clam-RIBU1S	02/06/03	Field Sample	8290	55722-27-5	T	Total TCDF	0.86	U	0.86	pg/g
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	8081	8001-35-2	T	Toxaphene	500	U	500	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	680	C-TRICHLOROB	T	Trichlorobiphenyl	10	U	10	ug/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	6010	7440-62-2	T	Vanadium	0.25		0.85	mg/kg
RIBU1S	Clam-RIBU1S	02/06/2003	Field Sample	6010	7440-66-6	T	Zinc	1.7		0.02	mg/kg
RICM1S	Clam-RICM1S	02/06/03	Field Sample	8290	35822-46-9	T	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	0.44	U	0.44	pg/g
RICM1S	Clam-RICM1S	02/06/03	Field Sample	8290	67562-39-4	T	1,2,3,4,6,7,8-HpCDF	0.29	U	0.29	pg/g
RICM1S	Clam-RICM1S	02/06/03	Field Sample	8290	55673-89-7	T	1,2,3,4,7,8,9-HpCDF	0.36	U	0.36	pg/g
RICM1S	Clam-RICM1S	02/06/03	Field Sample	8290	39227-28-6	T	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.39	U	0.39	pg/g
RICM1S	Clam-RICM1S	02/06/03	Field Sample	8290	70648-26-9	T	1,2,3,4,7,8-HxCDF	0.25	U	0.25	pg/g
RICM1S	Clam-RICM1S	02/06/03	Field Sample	8290	57653-85-7	T	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	0.35	U	0.35	pg/g
RICM1S	Clam-RICM1S	02/06/03	Field Sample	8290	57117-44-9	T	1,2,3,6,7,8-HxCDF	0.23	U	0.23	pg/g
RICM1S	Clam-RICM1S	02/06/03	Field Sample	8290	19408-74-3	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.33	U	0.33	pg/g
RICM1S	Clam-RICM1S	02/06/03	Field Sample	8290	72918-21-9	T	1,2,3,7,8,9-HxCDF	0.26	U	0.26	pg/g
RICM1S	Clam-RICM1S	02/06/03	Field Sample	8290	57117-41-6	T	1,2,3,7,8-Pentachlorodibenzofuran	0.24	U	0.24	pg/g
RICM1S	Clam-RICM1S	02/06/03	Field Sample	8290	40321-76-4	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.36	U	0.36	pg/g
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	120-82-1	T	1,2,4-Trichlorobenzene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	95-50-1	T	1,2-Dichlorobenzene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	541-73-1	T	1,3-Dichlorobenzene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	106-46-7	T	1,4-Dichlorobenzene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/03	Field Sample	8290	60851-34-5	T	2,3,4,6,7,8-HxCDF	0.27	U	0.27	pg/g
RICM1S	Clam-RICM1S	02/06/03	Field Sample	8290	57117-31-4	T	2,3,4,7,8-PeCDF	0.23	U	0.23	pg/g
RICM1S	Clam-RICM1S	02/06/03	Field Sample	8290	1746-01-6	T	2,3,7,8-TCDD	0.19	U	0.19	pg/g
RICM1S	Clam-RICM1S	02/06/03	Field Sample	8290	51207-31-9	T	2,3,7,8-Tetrachlorodibenzofuran	0.25	U	0.25	pg/g
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8151	93-76-5	T	2,4,5-T	8.3	U	8.3	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8151	93-72-1	T	2,4,5-TP (Silvex)	8.3	U	8.3	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	95-95-4	T	2,4,5-Trichlorophenol	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	88-06-2	T	2,4,6-Trichlorophenol	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8151	94-75-7	T	2,4-D	8.3	U	8.3	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8151	94-82-6	T	2,4-DB	8.3	U	8.3	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	120-83-2	T	2,4-Dichlorophenol	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	105-67-9	T	2,4-Dimethylphenol	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	51-28-5	T	2,4-Dinitrophenol	5100	U	5100	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	121-14-2	T	2,4-Dinitrotoluene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	606-20-2	T	2,6-Dinitrotoluene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	91-58-7	T	2-Chloronaphthalene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	95-57-8	T	2-Chlorophenol	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	91-57-6	T	2-Methylnaphthalene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	95-48-7	T	2-Methylphenol (o-Cresol)	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	88-74-4	T	2-Nitroaniline	5100	U	5100	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	88-75-5	T	2-Nitrophenol	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	91-94-1	T	3,3'-Dichlorobenzidine	2000	U	2000	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	108-44-5	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	99-09-2	T	3-Nitroaniline	5100	U	5100	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8081	72-54-8	T	4,4'-DDD	10	UJ	10	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8081	72-55-9	T	4,4'-DDE	10	U	10	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8081	50-29-3	T	4,4'-DDT	10	U	10	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	534-52-1	T	4,6-Dinitro-2-methylphenol	5100	U	5100	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	101-55-3	T	4-Bromophenyl Phenyl Ether	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	59-50-7	T	4-Chloro-3-methylphenol	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	7005-72-3	T	4-Chlorophenyl Phenyl Ether	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	100-02-7	T	4-Nitrophenol	5100	U	5100	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	83-32-9	T	Acenaphthene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	208-96-8	T	Acenaphthylene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8081	309-00-2	T	Aldrin	5	U	5	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8081	319-84-6	T	alpha-BHC	5	U	5	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8081	5103-71-9	T	alpha-Chlordane	5	U	5	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	6010	7429-90-5	T	Aluminum	17	J	20	mg/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	120-12-7	T	Anthracene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	6010	7440-36-0	T	Antimony	1.9	U	1.9	mg/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	6010	7440-38-2	T	Arsenic	1.8		0.85	mg/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	6010	7440-39-3	T	Barium	62		0.91	mg/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	56-55-3	T	Benzo(a)anthracene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	50-32-8	T	Benzo(a)pyrene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	205-99-2	T	Benzo(b)fluoranthene	990	U	990	ug/kg
RICM1S	Clam-RICM1S	02/06/2003	Field Sample	8270	191-24-2	T	Benzo(g,h,i)perylene	990	U	990	ug/kg

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	T	[illegible]	[illegible]	U	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	C-TETRACHLOR	T	[illegible]	[illegible]	U	[illegible]	[illegible]

Appendix II-G
Results of Chemical Analysis of Clams Tissue from Sediment Bioaccumulation Tests

Location	Field Sample ID	Sample Date	Sample Type	Method	CAS	Total or Dissolved	Analyte	Result	Qualifier	Reporting Limit	Units
RBCM1S	Clam-RBCM1S	02/06/2003	Field Sample	6010	7440-28-0	T	Thallium	0.95	U	0.95	mg/kg
RBCM1S	Clam-RBCM1S	02/06/03	Field Sample	8290	37871-00-4	T	Total HpCDD	0.44	U	0.44	pg/g
RBCM1S	Clam-RBCM1S	02/06/03	Field Sample	8290	38998-75-3	T	Total HpCDF	0.36	U	0.36	pg/g
RBCM1S	Clam-RBCM1S	02/06/03	Field Sample	8290	34465-46-8	T	Total HxCDD	0.39	U	0.39	pg/g
RBCM1S	Clam-RBCM1S	02/06/03	Field Sample	8290	55684-94-1	T	Total HxCDF	0.28	U	0.28	pg/g
RBCM1S	Clam-RBCM1S	02/06/03	Field Sample	8290	36088-22-9	T	Total PeCDD	0.38	U	0.38	pg/g
RBCM1S	Clam-RBCM1S	02/06/03	Field Sample	8290	30402-15-4	T	Total PeCDF	0.38	U	0.38	pg/g
RBCM1S	Clam-RBCM1S	02/06/03	Field Sample	8290	41903-57-5	T	Total TCDD	0.47	U	0.47	pg/g
RBCM1S	Clam-RBCM1S	02/06/03	Field Sample	8290	55722-27-5	T	Total TCDF	1.7	U	1.7	pg/g
RBCM1S	Clam-RBCM1S	02/06/2003	Field Sample	8081	8001-35-2	T	Toxaphene	500	U	500	ug/kg
RBCM1S	Clam-RBCM1S	02/06/2003	Field Sample	680	C-TRICHLOR08	T	Trichlorobiphenyl	10	U	10	ug/kg
RBCM1S	Clam-RBCM1S	02/06/2003	Field Sample	6010	7440-62-2	T	Vanadium	0.35		0.85	mg/kg
RBCM1S	Clam-RBCM1S	02/06/2003	Field Sample	6010	7440-66-6	T	Zinc	6		0.02	mg/kg

Appendix II-H

Results of Chemical Analysis of Fish Tissue Collected from Mississippi River near Sauget Area 2 Sites (Krummrich Data)

Appendix II-H
Results of Chemical Analysis of Fish Tissue Collected from Mississippi River near Sauget Area 2 Sites (Krummrich Data)

Sample ID	Sample Date	Sample Type 1	Sample Type 3	Analytical Method	CAS Number	Analyte	Concentration	Validation Q	Reporting Limit	Units
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	% Lipids	% Lipids	% Lipids	14			%
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	SW8290	3268-87-9	1,2,3,4,6,7,8,9-OCDD	11.3		0.1	pg/g
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	SW8290	39001-02-0	1,2,3,4,6,7,8,9-OCDF	0.34	UJ	0.1	pg/g
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	SW8290	35822-46-9	1,2,3,4,6,7,8-HpCDD	4.3		0.09	pg/g
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	SW8290	67562-39-4	1,2,3,4,6,7,8-HpCDF	0.05	UJ	0.05	pg/g
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	SW8290	55673-89-7	1,2,3,4,7,8,9-HpCDF	0.07	UJ	0.07	pg/g
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	SW8290	39227-28-6	1,2,3,4,7,8-HxCDD	0.58	J	0.06	pg/g
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	SW8290	70648-26-9	1,2,3,4,7,8-HxCDF	0.71	J	0.04	pg/g
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	SW8290	57653-85-7	1,2,3,6,7,8-HxCDD	2	J	0.06	pg/g
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	SW8290	57117-44-9	1,2,3,6,7,8-HxCDF	0.34	J	0.04	pg/g
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	SW8290	19408-74-3	1,2,3,7,8,9-HxCDD	0.76	J	0.06	pg/g
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	SW8290	72918-21-9	1,2,3,7,8,9-HxCDF	0.05	UJ	0.05	pg/g
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	SW8290	40321-76-4	1,2,3,7,8-PeCDD	1.2	J	0.05	pg/g
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	SW8290	57117-41-6	1,2,3,7,8-PeCDF	0.04	UJ	0.04	pg/g
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	SW8290	60851-34-5	2,3,4,6,7,8-HxCDF	0.86	J	0.04	pg/g
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	SW8290	57117-31-4	2,3,4,7,8-PeCDF	1	J	0.04	pg/g
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	SW8290	1746-01-6	2,3,7,8-TCDD	0.96		0.05	pg/g
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	SW8290	51207-31-9	2,3,7,8-TCDF	0.53		0.04	pg/g
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	SW8290	37871-00-4	Total HpCDD	4.6		0.09	pg/g
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	SW8290	38998-75-3	Total HpCDF	5.3	J	0.06	pg/g
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	SW8290	34465-46-8	Total HxCDD	3.9	J	0.08	pg/g
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	SW8290	55684-94-1	Total HxCDF	42.1	J	0.04	pg/g
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	SW8290	36088-22-9	Total PeCDD	3.2	J	0.05	pg/g
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	SW8290	30402-15-4	Total PeCDF	93.9	J	0.04	pg/g
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	SW8290	41903-57-5	Total TCDD	1.4	J	0.05	pg/g
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	SW8290	55722-27-5	Total TCDF	216	J	0.04	pg/g
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8151	93-76-5	2,4,5-T	8.3	U	8.3	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8151	93-72-1	2,4,5-TP (Silvex)	8.3	U	8.3	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8151	94-75-7	2,4-D	8.3	U	8.3	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8151	94-82-6	2,4-DB	8.3	U	8.3	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8151	75-99-0	Dalapon	2000	U	2000	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8151	1918-00-9	Dicamba	20	U	20	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8151	120-36-5	Dichloroprop	100	U	100	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8151	88-85-7	Dinoseb	100	U	100	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8151	94-74-6	MCPA[(4-chloro-2-methylphenoxy)-acetic acid]	2000	U	2000	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8151	7085-19-0	MCPP[2-(4-chloro-2-methylphenoxy)-propanoic acid]	2000	U	2000	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8151	87-86-5	Pentachlorophenol	17	U	17	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	680	2051-24-3	Decachlorobiphenyl	50	U	50	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	680	C-DICHLOROBI	Dichlorobiphenyl	10	U	10	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	680	C-HEPTACHLOR	Heptachlorobiphenyl	30	U	30	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	680	C-HEXACHLORO	Hexachlorobiphenyl	20	U	20	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	680	C-MONOCHLORO	Monochlorobiphenyl	10	U	10	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	680	C-NONACHLORO	Nonachlorobiphenyl	50	U	50	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	680	C-OCTA-BIPHE	Octachlorobiphenyl	30	U	30	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	680	C-PENTBIPHEN	Pentachlorobiphenyl	20	U	20	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	680	C-TETRACHLOR	Tetrachlorobiphenyl	20	U	20	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	680	C-TOTAL-PCB	Total Polychlorinated Biphenyls	50	U	50	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	680	C-TRICHLOROB	Trichlorobiphenyl	10	U	10	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8081A	72-54-8	4,4'-DDD	50	U	50	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8081A	72-55-9	4,4'-DDE	16	J	50	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8081A	50-29-3	4,4'-DDT	50	U	50	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8081A	309-00-2	Aldrin	50	U	50	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8081A	319-84-6	alpha-BHC	50	U	50	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8081A	5103-71-9	alpha-Chlordane	7.7	J	50	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8081A	319-85-7	beta-BHC	50	U	50	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8081A	319-86-8	delta-BHC	50	U	50	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8081A	60-57-1	Dieldrin	19	J	50	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8081A	959-98-8	Endosulfan I	50	U	50	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8081A	33213-65-9	Endosulfan II	50	U	50	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8081A	1031-07-8	Endosulfan sulfate	50	U	50	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8081A	72-20-8	Endrin	50	U	50	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8081A	7421-93-4	Endrin aldehyde	50	U	50	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8081A	53494-70-5	Endrin ketone	50	U	50	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8081A	58-89-9	gamma-BHC (Lindane)	50	U	50	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8081A	5103-74-2	gamma-Chlordane	50	U	50	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8081A	76-44-8	Heptachlor	50	U	50	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8081A	1024-57-3	Heptachlor epoxide	50	U	50	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8081A	72-43-5	Methoxychlor	200	U	200	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8081A	8001-35-2	Toxaphene	1700	U	1700	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8270C	87-61-6	1,2,3-Trichlorobenzene	510	U	510	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8270C	120-82-1	1,2,4-Trichlorobenzene	510	U	510	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8270C	95-50-1	1,2-Dichlorobenzene	510	U	510	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8270C	108-70-3	1,3,5-Trichlorobenzene	510	U	510	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8270C	541-73-1	1,3-Dichlorobenzene	510	U	510	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8270C	106-46-7	1,4-Dichlorobenzene	510	U	510	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8270C	108-60-1	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	510	U	510	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8270C	15950-66-0	2,3,4-Trichlorophenol	510	U	510	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8270C	933-78-8	2,3,5-Trichlorophenol	510	U	510	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8270C	933-75-5	2,3,6-Trichlorophenol	510	U	510	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8270C	95-95-4	2,4,5-Trichlorophenol	510	U	510	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8270C	88-06-2	2,4,6-Trichlorophenol	510	U	510	ug/kg
DDA Channel Catfish-Comp#1	02-Nov-00	Composite	Reference	8270C	120-83-2	2,4-Dichlorophenol	510	U	510	ug/kg

Appendix B-H

Results of Chemical Analysis of Fish Tissue Collected from Mississippi River near Saugat Area 2 Sites (Krummrich Data)

Sample ID	Sample Date	Sample Type 1	Sample Type 3	Analytical Method	CAS Number	Analyte	Concentration	Validation Q	Reporting Limit	Units
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	105-67-9	2,4-Dimethylphenol	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	51-28-5	2,4-Dinitrophenol	2000	U	2000	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	121-14-2	2,4-Dinitrotoluene	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	606-20-2	2,6-Dinitrotoluene	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	91-58-7	2-Chloronaphthalene	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	95-57-8	2-Chlorophenol	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	91-57-6	2-Methylnaphthalene	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	95-48-7	2-Methylphenol (o-Cresol)	340	J	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	88-74-4	2-Nitroaniline	2000	U	2000	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	88-75-5	2-Nitrophenol	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	91-94-1	3,3'-Dichlorobenzidine	2000	U	2000	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	608-10-8	2,4,5-Trichlorophenol	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	106-44-5	3-Methylphenol/4-Methylphenol (m/p-Cresol)	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	99-09-2	3-Nitroaniline	2000	U	2000	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	534-52-1	4,6-Dinitro-2-methylphenol	2000	U	2000	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	101-55-3	4-Bromophenylphenyl ether	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	59-50-7	4-Chloro-3-methylphenol	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	106-47-8	4-Chloroaniline	680	U	680	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	7005-72-3	4-Chlorophenylphenyl ether	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	100-01-6	4-Nitroaniline	2000	U	2000	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	100-02-7	4-Nitrophenol	2000	U	2000	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	83-32-9	Acenaphthene	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	208-96-8	Acenaphthylene	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	120-12-7	Anthracene	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	56-55-3	Benzo(a)anthracene	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	50-32-8	Benzo(a)pyrene	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	205-99-2	Benzo(b)fluoranthene	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	191-24-2	Benzo(g,h,i)perylene	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	207-08-9	Benzo(k)fluoranthene	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	111-91-1	bis(2-Chloroethoxy)methane	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	111-44-4	bis(2-Chloroethyl)ether	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	117-81-7	bis(2-Ethylhexyl)phthalate	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	85-68-7	Butylbenzylphthalate	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	86-74-8	Carbazole	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	218-01-9	Chrysene	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	84-74-2	Di-n-butylphthalate	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	117-84-0	Di-n-octylphthalate	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	53-70-3	Dibenzo(a,h)anthracene	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	132-64-9	Dibenzofuran	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	84-66-2	Diethylphthalate	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	131-11-3	Dimethylphthalate	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	206-44-0	Fluoranthene	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	86-73-7	Fluorene	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	118-74-1	Hexachlorobenzene	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	87-68-3	Hexachlorobutadiene	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	77-47-4	Hexachlorocyclopentadiene	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	67-72-1	Hexachloroethane	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	193-39-5	Indeno(1,2,3-cd)pyrene	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	78-59-1	Isophorone	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	621-64-7	N-Nitroso-di-n-propylamine	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	86-30-6	N-Nitrosodiphenylamine	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	91-20-3	Naphthalene	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	85-01-8	Phenanthrene	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	87-86-5 (SVOC)	Pentachlorophenol (SVOC)	2000	U	2000	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	85-01-8	Phenanthrene	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	108-95-2	Phenol	340	U	340	ug/kg
BBA Channel Catfish-Composite	09-Nov-00	Composite	Reference	8270C	129-00-0	Pyrene	340	U	340	ug/kg
BBA Comp Shad	25-Oct-00	Composite	Reference	% Lipids	% Lipids	% Lipids	3			%
BBA Comp Shad	25-Oct-00	Composite	Reference	SW8290	3268-87-9	1,2,3,4,6,7,8,9-OCDD	110		0.3	ppb
BBA Comp Shad	25-Oct-00	Composite	Reference	SW8290	39001-02-0	1,2,3,4,6,7,8,9-OCDF	2.7	J	0.2	ppb
BBA Comp Shad	25-Oct-00	Composite	Reference	SW8290	35822-46-9	1,2,3,4,6,7,8-HpCDD	4.3		0.2	ppb
BBA Comp Shad	25-Oct-00	Composite	Reference	SW8290	67562-39-4	1,2,3,4,6,7,8-HpCDF	0.1	UJ	0.1	ppb
BBA Comp Shad	25-Oct-00	Composite	Reference	SW8290	55673-89-7	1,2,3,4,7,8,9-HpCDF	0.2	UJ	0.2	ppb
BBA Comp Shad	25-Oct-00	Composite	Reference	SW8290	35822-39-4	1,2,3,4,7,8-HxCDD	0.1	UJ	0.1	ppb
BBA Comp Shad	25-Oct-00	Composite	Reference	SW8290	70648-26-9	1,2,3,4,7,8-HxCDF	0.37	U	0.08	ppb
BBA Comp Shad	25-Oct-00	Composite	Reference	SW8290	57653-85-7	1,2,3,6,7,8-HxCDD	0.37	J	0.1	ppb
BBA Comp Shad	25-Oct-00	Composite	Reference	SW8290	57117-44-9	1,2,3,6,7,8-HxCDF	0.08	UJ	0.08	ppb
BBA Comp Shad	25-Oct-00	Composite	Reference	SW8290	19408-74-3	1,2,3,7,8,9-HxCDD	0.28	J	0.1	ppb
BBA Comp Shad	25-Oct-00	Composite	Reference	SW8290	72918-21-9	1,2,3,7,8,9-HxCDF	0.1	UJ	0.1	ppb
BBA Comp Shad	25-Oct-00	Composite	Reference	SW8290	40321-76-4	1,2,3,7,8-PeCDD	0.24	J	0.1	ppb
BBA Comp Shad	25-Oct-00	Composite	Reference	SW8290	57117-41-6	1,2,3,7,8-PeCDF	0.08	UJ	0.08	ppb
BBA Comp Shad	25-Oct-00	Composite	Reference	SW8290	65510-54-3	2,3,4,6,7,8-HxCDF	0.18	J	0.08	ppb
BBA Comp Shad	25-Oct-00	Composite	Reference	SW8290	57117-31-4	2,3,4,7,8-PeCDF	0.21	J	0.08	ppb
BBA Comp Shad	25-Oct-00	Composite	Reference	SW8290	1746-01-6	2,3,7,8-TCDD	0.24	J	0.08	ppb
BBA Comp Shad	25-Oct-00	Composite	Reference	SW8290	51207-31-9	2,3,7,8-TCDF	1		0.08	ppb
BBA Comp Shad	25-Oct-00	Composite	Reference	SW8290	37871-00-4	Total HpCDD	6.5		0.2	ppb
BBA Comp Shad	25-Oct-00	Composite	Reference	SW8290	38998-75-9	Total HpCDF	3.1	J	0.1	ppb
BBA Comp Shad	25-Oct-00	Composite	Reference	SW8290	34465-46-8	Total HxCDD	1.3	UJ	0.1	ppb
BBA Comp Shad	25-Oct-00	Composite	Reference	SW8290	55684-94-1	Total HxCDF	12.1	J	0.08	ppb
BBA Comp Shad	25-Oct-00	Composite	Reference	SW8290	36088-22-9	Total PeCDD	2.8	J	0.1	ppb
BBA Comp Shad	25-Oct-00	Composite	Reference	SW8290	30402-15-4	Total PeCDF	20.7	J	0.08	ppb
BBA Comp Shad	25-Oct-00	Composite	Reference	SW8290	41903-57-5	Total TCDD	0.61	J	0.08	ppb
BBA Comp Shad	25-Oct-00	Composite	Reference	SW8290	55722-27-5	Total TCDF	39	J	0.08	ppb

Sample ID	Sample Date	Sample Type 1	Sample Type 3	Analytical Method	CAS Number	Analyte	Concentration	Validation Q	Reporting Limit	Units
DDA Comp Shad	25-Oct-00	Composite	Reference	8151	93-76-5	2,4,5-T	8.3	U	8.3	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8151	93-72-1	2,4,5-TP (Silvex)	3.9	J	8.3	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8151	94-75-7	2,4-D	8.3	U	8.3	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8151	94-82-6	2,4-DB	8.3	U	8.3	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8151	75-99-0	Dalapon	2000	U	2000	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8151	1918-00-9	Dicamba	20	U	20	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8151	120-36-5	Dichloroprop	100	U	100	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8151	88-85-7	Dinoseb	100	U	100	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8151	94-74-6	MCPA[(4-chloro-2-methylphenoxy)-acetic acid]	2000	U	2000	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8151	7085-19-0	MCPP[2-(4-chloro-2-methylphenoxy)-propanoic acid]	2000	U	2000	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8151	87-86-5	Pentachlorophenol	17	U	17	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	680	2051-24-3	Decachlorobiphenyl	50	U	50	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	680	C-DICHLOROBI	Dichlorobiphenyl	10	U	10	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	680	C-HEPTACHLOR	Heptachlorobiphenyl	30	U	30	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	680	C-HEXACHLORO	Hexachlorobiphenyl	20	U	20	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	680	C-MONOCHLORO	Monochlorobiphenyl	10	U	10	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	680	C-NONACHLORO	Nonachlorobiphenyl	50	U	50	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	680	C-OCTA-BIPHE	Octachlorobiphenyl	30	U	30	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	680	C-PENTBIPHEN	Pentachlorobiphenyl	20	U	20	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	680	C-TETRACHLOR	Tetrachlorobiphenyl	20	U	20	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	680	C-TOTAL-PCB	Total Polychlorinated Biphenyls	50	U	50	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	680	C-TRICHLOROB	Trichlorobiphenyl	10	U	10	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8081A	72-54-8	4,4'-DDD	25	UJ	25	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8081A	72-55-9	4,4'-DDE	5.2	J	25	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8081A	50-29-3	4,4'-DDT	25	UJ	25	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8081A	309-00-2	Aldrin	25	UJ	25	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8081A	319-84-6	alpha-BHC	25	UJ	25	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8081A	5103-71-9	alpha-Chlordane	25	UJ	25	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8081A	319-85-7	beta-BHC	25	UJ	25	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8081A	319-86-8	delta-BHC	25	UJ	25	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8081A	60-57-1	Dieldrin	14	J	25	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8081A	959-98-8	Endosulfan I	25	UJ	25	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8081A	33213-65-9	Endosulfan II	25	UJ	25	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8081A	1031-07-8	Endosulfan sulfate	12	J	25	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8081A	72-20-8	Endrin	25	UJ	25	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8081A	7421-93-4	Endrin aldehyde	25	UJ	25	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8081A	53494-70-5	Endrin ketone	25	UJ	25	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8081A	58-89-9	gamma-BHC (Lindane)	25	UJ	25	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8081A	5103-74-2	gamma-Chlordane	25	UJ	25	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8081A	76-44-8	Heptachlor	25	UJ	25	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8081A	1024-57-3	Heptachlor epoxide	25	UJ	25	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8081A	72-43-5	Methoxychlor	100	UJ	100	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8081A	8001-35-2	Toxaphene	850	UJ	850	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8270C	87-61-6	1,2,3-Trichlorobenzene	510	U	510	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8270C	120-82-1	1,2,4-Trichlorobenzene	510	U	510	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8270C	95-50-1	1,2-Dichlorobenzene	510	U	510	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8270C	108-70-3	1,3,5-Trichlorobenzene	510	U	510	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8270C	541-73-1	1,3-Dichlorobenzene	510	U	510	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8270C	106-46-7	1,4-Dichlorobenzene	510	U	510	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8270C	108-60-1	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	510	U	510	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8270C	15950-66-0	2,3,4-Trichlorophenol	510	U	510	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8270C	933-78-8	2,3,5-Trichlorophenol	510	U	510	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8270C	933-7-5	2,3,6-Trichlorophenol	510	U	510	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8270C	95-95-4	2,4,5-Trichlorophenol	510	U	510	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8270C	88-06-2	2,4,6-Trichlorophenol	510	U	510	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8270C	120-83-2	2,4-Dichlorophenol	510	U	510	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8270C	105-67-9	2,4-Dimethylphenol	510	U	510	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8270C	51-28-5	2,4-Dinitrophenol	2500	U	2500	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8270C	121-14-2	2,4-Dinitrotoluene	510	U	510	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8270C	606-20-2	2,6-Dinitrotoluene	510	U	510	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8270C	91-58-7	2-Chloronaphthalene	510	U	510	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8270C	95-57-8	2-Chlorophenol	510	U	510	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8270C	91-57-6	2-Methylnaphthalene	510	U	510	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8270C	95-48-7	2-Methylphenol (o-Cresol)	320	J	510	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8270C	88-74-4	2-Nitroaniline	2500	U	2500	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8270C	88-75-5	2-Nitrophenol	510	U	510	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8270C	91-94-1	3,3'-Dichlorobenzidine	2000	U	2000	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8270C	609-19-8	3,4,5-Trichlorophenol	510	U	510	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8270C	108-44-5	3-Methylphenol/4-Methylphenol (m&p-Cresol)	510	U	510	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8270C	99-09-2	3-Nitroaniline	2500	U	2500	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8270C	534-52-1	4,6-Dinitro-2-methylphenol	2500	U	2500	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8270C	101-55-3	4-Bromophenylphenyl ether	510	U	510	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8270C	59-50-7	4-Chloro-3-methylphenol	510	U	510	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8270C	106-47-8	4-Chloroaniline	990	U	990	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8270C	7005-72-3	4-Chlorophenylphenyl ether	510	U	510	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8270C	100-01-6	4-Nitroaniline	2500	U	2500	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8270C	100-02-7	4-Nitrophenol	2500	U	2500	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8270C	83-32-9	Acenaphthene	510	U	510	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8270C	208-96-8	Acenaphthylene	510	U	510	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8270C	120-12-7	Anthracene	510	U	510	ug/kg
DDA Comp Shad	25-Oct-00	Composite	Reference	8270C	56-55-3	Benzo(a)anthracene	510	U	510	ug/kg

Sample ID	Sample Date	Sample Type 1	Sample Type 2	Analytical Method	CAS Number	Analyte	Concentration	Validation Q	Reporting Limit	Units
SBA Comp Shad	25-Oct-00	Composite	Reference	8270C	50-32-8	Benzo(a)pyrene	510	U	510	ug/kg
SBA Comp Shad	25-Oct-00	Composite	Reference	8270C	205-99-2	Benzo(b)fluoranthene	510	U	510	ug/kg
SBA Comp Shad	25-Oct-00	Composite	Reference	8270C	191-24-2	Benzo(g,h,i)perylene	510	U	510	ug/kg
SBA Comp Shad	25-Oct-00	Composite	Reference	8270C	207-08-9	Benzo(k)fluoranthene	510	U	510	ug/kg
SBA Comp Shad	25-Oct-00	Composite	Reference	8270C	111-91-1	bis(2-Chloroethoxy)methane	510	U	510	ug/kg
SBA Comp Shad	25-Oct-00	Composite	Reference	8270C	111-44-4	bis(2-Chloroethyl)ether	510	U	510	ug/kg
SBA Comp Shad	25-Oct-00	Composite	Reference	8270C	117-81-7	bis(2-Ethylhexyl)phthalate	510	U	510	ug/kg
SBA Comp Shad	25-Oct-00	Composite	Reference	8270C	85-68-7	Butylbenzylphthalate	510	U	510	ug/kg
SBA Comp Shad	25-Oct-00	Composite	Reference	8270C	86-74-8	Carbazole	510	U	510	ug/kg
SBA Comp Shad	25-Oct-00	Composite	Reference	8270C	218-01-9	Chrysene	510	U	510	ug/kg
SBA Comp Shad	25-Oct-00	Composite	Reference	8270C	84-74-2	Di-n-butylphthalate	510	U	510	ug/kg
SBA Comp Shad	25-Oct-00	Composite	Reference	8270C	117-84-0	Di-n-octylphthalate	510	U	510	ug/kg
SBA Comp Shad	25-Oct-00	Composite	Reference	8270C	53-70-3	Dibenz(a,h)anthracene	510	U	510	ug/kg
SBA Comp Shad	25-Oct-00	Composite	Reference	8270C	132-64-9	Dibenzofuran	510	U	510	ug/kg
SBA Comp Shad	25-Oct-00	Composite	Reference	8270C	84-66-2	Diethylphthalate	510	U	510	ug/kg
SBA Comp Shad	25-Oct-00	Composite	Reference	8270C	131-11-3	Dimethylphthalate	510	U	510	ug/kg
SBA Comp Shad	25-Oct-00	Composite	Reference	8270C	206-44-0	Fluoranthene	510	U	510	ug/kg
SBA Comp Shad	25-Oct-00	Composite	Reference	8270C	86-73-7	Fluorene	510	U	510	ug/kg
SBA Comp Shad	25-Oct-00	Composite	Reference	8270C	118-74-1	Hexachlorobenzene	510	U	510	ug/kg
SBA Comp Shad	25-Oct-00	Composite	Reference	8270C	87-68-3	Hexachlorobutadiene	510	U	510	ug/kg
SBA Comp Shad	25-Oct-00	Composite	Reference	8270C	77-47-4	Hexachlorocyclopentadiene	510	U	510	ug/kg
SBA Comp Shad	25-Oct-00	Composite	Reference	8270C	67-72-1	Hexachloroethane	510	U	510	ug/kg
SBA Comp Shad	25-Oct-00	Composite	Reference	8270C	193-39-5	Indeno(1,2,3-cd)pyrene	510	U	510	ug/kg
SBA Comp Shad	25-Oct-00	Composite	Reference	8270C	78-59-1	Isophorone	510	U	510	ug/kg
SBA Comp Shad	25-Oct-00	Composite	Reference	8270C	621-64-7	N-Nitroso-di-n-propylamine	510	U	510	ug/kg
SBA Comp Shad	25-Oct-00	Composite	Reference	8270C	86-30-6	N-Nitrosodiphenylamine	510	U	510	ug/kg
SBA Comp Shad	25-Oct-00	Composite	Reference	8270C	91-20-3	Naphthalene	510	U	510	ug/kg
SBA Comp Shad	25-Oct-00	Composite	Reference	8270C	98-95-3	Nitrobenzene	510	U	510	ug/kg
SBA Comp Shad	25-Oct-00	Composite	Reference	8270C	87-86-5 (SVOC)	Pentachlorophenol (SVOC)	2500	U	2500	ug/kg
SBA Comp Shad	25-Oct-00	Composite	Reference	8270C	85-01-8	Phenanthrene	510	U	510	ug/kg
SBA Comp Shad	25-Oct-00	Composite	Reference	8270C	108-95-2	Phenol	510	U	510	ug/kg
SBA Comp Shad	25-Oct-00	Composite	Reference	8270C	129-00-0	Pyrene	510	U	510	ug/kg
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	% Lipids	% Lipids	% Lipids	2			%
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	SW8290	3268-87-9	1,2,3,4,6,7,8,9-OCDD	2.8	J	0.2	pg/g
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	SW8290	39001-02-0	1,2,3,4,6,7,8,9-OCDF	0.14	U	0.1	pg/g
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	SW8290	35822-46-9	1,2,3,4,6,7,8-HpCDD	0.71	J	0.1	pg/g
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	SW8290	67562-39-4	1,2,3,4,6,7,8-HpCDF	0.07	UJ	0.07	pg/g
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	SW8290	55673-89-7	1,2,3,4,7,8,9-HpCDF	0.1	UJ	0.1	pg/g
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	SW8290	39227-28-6	1,2,3,4,7,8-HxCDD	0.12	J	0.09	pg/g
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	SW8290	70648-26-9	1,2,3,4,7,8-HxCDF	0.18	U	0.05	pg/g
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	SW8290	57653-85-7	1,2,3,6,7,8-HxCDD	0.31	J	0.09	pg/g
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	SW8290	57117-44-9	1,2,3,6,7,8-HxCDF	0.05	UJ	0.05	pg/g
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	SW8290	19408-74-3	1,2,3,7,8,9-HxCDD	0.09	UJ	0.09	pg/g
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	SW8290	72918-21-9	1,2,3,7,8,9-HxCDF	0.05	UJ	0.05	pg/g
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	SW8290	40321-76-4	1,2,3,7,8-PeCDD	0.18	J	0.09	pg/g
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	SW8290	57117-41-6	1,2,3,7,8-PeCDF	0.07	UJ	0.07	pg/g
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	SW8290	60851-34-5	2,3,4,6,7,8-HxCDF	0.05	UJ	0.05	pg/g
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	SW8290	57117-31-4	2,3,4,7,8-PeCDF	0.32	J	0.07	pg/g
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	SW8290	1746-01-6	2,3,7,8-TCDD	0.3	J	0.07	pg/g
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	SW8290	51207-31-9	2,3,7,8-TCDF	0.59		0.05	pg/g
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	SW8290	37871-00-4	Total HpCDD	0.84		0.1	pg/g
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	SW8290	38998-75-3	Total HpCDF	0.5	J	0.05	pg/g
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	SW8290	34465-46-8	Total HxCDD	0.31	UJ	0.09	pg/g
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	SW8290	55684-94-1	Total HxCDF	4.6	J	0.05	pg/g
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	SW8290	36088-22-9	Total PeCDD	1.9	J	0.09	pg/g
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	SW8290	30402-15-4	Total PeCDF	12.2	J	0.07	pg/g
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	SW8290	41903-57-5	Total TCDD	0.72	J	0.07	pg/g
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	SW8290	55722-27-5	Total TCDF	28.5	J	0.05	pg/g
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	8151	93-76-5	2,4,5-T	8.3	U	8.3	ug/kg
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	8151	93-72-1	2,4,5-TP (Silvex)	8.3	U	8.3	ug/kg
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	8151	94-75-7	2,4-D	8.3	U	8.3	ug/kg
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	8151	94-82-6	2,4-DB	8.3	U	8.3	ug/kg
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	8151	75-99-0	Dalapon	2000	U	2000	ug/kg
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	8151	1918-00-9	Dicamba	20	U	20	ug/kg
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	8151	120-36-5	Dichloroprop	100	U	100	ug/kg
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	8151	88-85-7	Dinoseb	100	U	100	ug/kg
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	8151	94-74-6	MCPA([4-chloro-2-methylphenoxy]-acetic acid)	2000	U	2000	ug/kg
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	8151	7085-19-0	MCPP(2-(4-chloro-2-methylphenoxy)-propanoic acid)	2000	U	2000	ug/kg
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	8151	87-86-5	Pentachlorophenol	17	U	17	ug/kg
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	680	2051-24-3	Decachlorobiphenyl	50	U	50	ug/kg
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	680	C-DICHLOROB	Dichlorobiphenyl	10	U	10	ug/kg
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	680	C-HEPTACHLOR	Heptachlorobiphenyl	30	U	30	ug/kg
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	680	C-HEXACHLORO	Hexachlorobiphenyl	20	U	20	ug/kg
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	680	C-MONOCHLORO	Monochlorobiphenyl	10	U	10	ug/kg
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	680	C-NONACHLORO	Nonachlorobiphenyl	50	U	50	ug/kg
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	680	C-OCTA-BIPHE	Octachlorobiphenyl	30	U	30	ug/kg
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	680	C-PENTBIPHEN	Pentachlorobiphenyl	20	U	20	ug/kg
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	680	C-TETRACHLOR	Tetrachlorobiphenyl	20	U	20	ug/kg
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	680	C-TOTAL-PCB	Total Polychlorinated Biphenyls	50	U	50	ug/kg
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	680	C-TRICHLOROB	Trichlorobiphenyl	10	U	10	ug/kg
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	8081A	72-54-8	4,4'-DDD	25	U	25	ug/kg
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	8081A	72-55-9	4,4'-DDE	7.3	J	25	ug/kg
SBA BA-4 Buffalo-Fillet	25-Oct-00	Composite	Reference	8081A	50-29-3	4,4'-DDT	25	U	25	ug/kg

Sample ID	Sample Date	Sample Type 1	Sample Type 3	Analytical Method	CAS Number	Analyte	Concentration	Validation Q	Reporting Limit	Units
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8081A	309-00-2	Aldrin	25	U	25	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8081A	319-84-6	alpha-BHC	25	U	25	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8081A	5103-71-9	alpha-Chlordane	25	U	25	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8081A	319-85-7	beta-BHC	25	U	25	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8081A	319-86-8	delta-BHC	25	U	25	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8081A	60-57-1	Dieldrin	25	U	25	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8081A	959-98-8	Endosulfan I	25	U	25	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8081A	33213-65-9	Endosulfan II	25	U	25	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8081A	1031-07-8	Endosulfan sulfate	25	U	25	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8081A	72-20-8	Endrin	25	U	25	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8081A	7421-93-4	Endrin aldehyde	25	U	25	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8081A	53494-70-5	Endrin ketone	25	U	25	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8081A	58-89-9	gamma-BHC (Lindane)	25	U	25	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8081A	5103-74-2	gamma-Chlordane	25	U	25	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8081A	76-44-8	Heptachlor	25	U	25	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8081A	1024-57-3	Heptachlor epoxide	25	U	25	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8081A	72-43-5	Methoxychlor	100	U	100	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8081A	8001-35-2	Toxaphene	850	U	850	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	87-61-6	1,2,3-Trichlorobenzene	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	120-82-1	1,2,4-Trichlorobenzene	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	95-50-1	1,2-Dichlorobenzene	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	108-70-3	1,3,5-Trichlorobenzene	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	541-73-1	1,3-Dichlorobenzene	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	106-46-7	1,4-Dichlorobenzene	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	108-60-1	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	15950-66-0	2,3,4-Trichlorophenol	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	933-78-8	2,3,5-Trichlorophenol	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	933-75-5	2,3,6-Trichlorophenol	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	95-95-4	2,4,5-Trichlorophenol	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	88-06-2	2,4,6-Trichlorophenol	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	120-83-2	2,4-Dichlorophenol	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	105-67-9	2,4-Dimethylphenol	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	51-28-5	2,4-Dinitrophenol	2500	U	2500	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	121-14-2	2,4-Dinitrotoluene	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	606-20-2	2,6-Dinitrotoluene	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	91-58-7	2-Chloronaphthalene	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	95-57-8	2-Chlorophenol	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	91-57-6	2-Methylnaphthalene	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	95-48-7	2-Methylphenol (o-Cresol)	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	88-74-4	2-Nitroaniline	2500	U	2500	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	88-75-5	2-Nitrophenol	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	91-94-1	3,3'-Dichlorobenzidine	2000	U	2000	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	609-19-8	3,4,5-Trichlorophenol	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	108-44-5	3-Methylphenol/4-Methylphenol (m&p-Cresol)	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	99-09-2	3-Nitroaniline	2500	U	2500	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	534-52-1	4,6-Dinitro-2-methylphenol	2500	U	2500	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	101-55-3	4-Bromophenylphenyl ether	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	59-50-7	4-Chloro-3-methylphenol	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	106-47-8	4-Chloroaniline	990	U	990	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	7005-72-3	4-Chlorophenylphenyl ether	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	100-01-6	4-Nitroaniline	2500	U	2500	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	100-02-7	4-Nitrophenol	2500	U	2500	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	83-32-9	Acenaphthene	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	208-96-8	Acenaphthylene	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	120-12-7	Anthracene	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	56-55-3	Benzo(a)anthracene	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	50-32-8	Benzo(a)pyrene	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	205-99-2	Benzo(b)fluoranthene	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	191-24-2	Benzo(g,h,i)perylene	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	207-08-9	Benzo(k)fluoranthene	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	111-91-1	bis(2-Chloroethoxy)methane	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	111-44-4	bis(2-Chloroethyl)ether	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	117-81-7	bis(2-Ethylhexyl)phthalate	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	85-68-7	Butylbenzylphthalate	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	86-74-8	Carbazole	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	218-01-9	Chrysene	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	84-74-2	Di-n-butylphthalate	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	117-84-0	Di-n-octylphthalate	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	53-70-3	Dibenzo(a,h)anthracene	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	132-64-9	Dibenzofuran	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	84-66-2	Diethylphthalate	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	131-11-3	Dimethylphthalate	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	206-44-0	Fluoranthene	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	86-73-7	Fluorene	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	118-74-1	Hexachlorobenzene	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	87-68-3	Hexachlorobutadiene	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	77-47-4	Hexachlorocyclopentadiene	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	67-72-1	Hexachloroethane	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	193-39-5	Indeno(1,2,3-cd)pyrene	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	78-59-1	Isophorone	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	621-64-7	N-Nitroso-di-n-propylamine	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	86-30-6	N-Nitrosodiphenylamine	510	U	510	ug/kg
DDA DA-1 Buffalo Fillet	26-Oct-00	Composite	Reference	8270C	91-20-3	Naphthalene	510	U	510	ug/kg

Appendix II-H

Results of Chemical Analysis of Fish Tissue Collected from Mississippi River near Saugat Area 2 Sites (Kleinwalch Data)

Sample ID	Sample Date	Sample Type 1	Sample Type 3	Analytical Method	CAS Number	Analyte	Concentration	Validation Q	Reporting Limit	Units
[illegible]	20-Oct-03	Composite	Reference	SVOC	[illegible]	Nitrobenzene	340	U	340	ug/kg
[illegible]	20-Oct-03	Composite	Reference	SVOC	[illegible]	Pentachlorophenol (PCP)	2000	U	2000	ug/kg
[illegible]	20-Oct-03	Composite	Reference	SVOC	[illegible]	Phenanthrene	340	U	340	ug/kg
[illegible]	20-Oct-03	Composite	Reference	SVOC	[illegible]	Phenol	340	U	340	ug/kg
[illegible]	20-Oct-03	Composite	Reference	SVOC	[illegible]	Pyrene	340	U	340	ug/kg
[illegible]	20-Oct-03	Composite	Reference	% Lipids	% Lipids	% Lipids	3			%
[illegible]	20-Oct-03	Composite	Reference	[illegible]	[illegible]	1,2,3,4,6,7,8,9-OCDD	4.5	J	0.1	pg/g
[illegible]	20-Oct-03	Composite	Reference	[illegible]	[illegible]	1,2,3,4,6,7,8,9-OCDF	0.1	U	0.1	pg/g
[illegible]	20-Oct-03	Composite	Reference	[illegible]	[illegible]	1,2,3,4,6,7,8-HpCDD	0.02	J	0.09	pg/g
[illegible]	20-Oct-03	Composite	Reference	[illegible]	[illegible]	1,2,3,4,6,7,8-HpCDF	0.05	UJ	0.05	pg/g
[illegible]	20-Oct-03	Composite	Reference	[illegible]	[illegible]	1,2,3,4,7,8,9-HpCDF	0.07	UJ	0.07	pg/g
[illegible]	20-Oct-03	Composite	Reference	[illegible]	[illegible]	1,2,3,4,7,8-HxCDD	0.05	UJ	0.05	pg/g
[illegible]	20-Oct-03	Composite	Reference	[illegible]	[illegible]	1,2,3,4,7,8-HxCDF	0.14	U	0.04	pg/g
[illegible]	20-Oct-03	Composite	Reference	[illegible]	[illegible]	1,2,3,6,7,8-HxCDD	0.34	J	0.05	pg/g
[illegible]	20-Oct-03	Composite	Reference	[illegible]	[illegible]	1,2,3,6,7,8-HxCDF	0.04	UJ	0.04	pg/g
[illegible]	20-Oct-03	Composite	Reference	[illegible]	[illegible]	1,2,3,7,8,9-HxCDD	0.2	J	0.05	pg/g
[illegible]	20-Oct-03	Composite	Reference	[illegible]	[illegible]	1,2,3,7,8,9-HxCDF	0.05	UJ	0.05	pg/g
[illegible]	20-Oct-03	Composite	Reference	[illegible]	[illegible]	1,2,3,7,8-PeCDD	0.05	UJ	0.05	pg/g
[illegible]	20-Oct-03	Composite	Reference	[illegible]	[illegible]	1,2,3,7,8-PeCDF	0.04	UJ	0.04	pg/g
[illegible]	20-Oct-03	Composite	Reference	[illegible]	[illegible]	2,3,4,6,7,8-HxCDF	0.2	J	0.04	pg/g
[illegible]	20-Oct-03	Composite	Reference	[illegible]	[illegible]	2,3,4,7,8-PeCDF	0.04	UJ	0.04	pg/g
[illegible]	20-Oct-03	Composite	Reference	[illegible]	[illegible]	2,3,7,8-TCDD	0.05	UJ	0.05	pg/g
[illegible]	20-Oct-03	Composite	Reference	[illegible]	[illegible]	2,3,7,8-TCDF	0.38	J	0.04	pg/g
[illegible]	20-Oct-03	Composite	Reference	[illegible]	[illegible]	Total HpCDD	0.75		0.09	pg/g
[illegible]	20-Oct-03	Composite	Reference	[illegible]	[illegible]	Total HpCDF	0.5	J	0.05	pg/g
[illegible]	20-Oct-03	Composite	Reference	[illegible]	[illegible]	Total HxCDD	0.05	UJ	0.05	pg/g
[illegible]	20-Oct-03	Composite	Reference	[illegible]	[illegible]	Total HxCDF	28.5	J	0.04	pg/g
[illegible]	20-Oct-03	Composite	Reference	[illegible]	[illegible]	Total PeCDD	1.1	J	0.05	pg/g
[illegible]	20-Oct-03	Composite	Reference	[illegible]	[illegible]	Total PeCDF	62	J	0.04	pg/g
[illegible]	20-Oct-03	Composite	Reference	[illegible]	[illegible]	Total TCDD	0.13	UJ	0.05	pg/g
[illegible]	20-Oct-03	Composite	Reference	[illegible]	[illegible]	Total TCDF	135	J	0.04	pg/g
[illegible]	20-Oct-03	Composite	Reference	SVOP	[illegible]	2,4,5-T	8.3	U	8.3	ug/kg
[illegible]	20-Oct-03	Composite	Reference	SVOP	[illegible]	2,4,5-TP (Silvex)	6.9	J	8.3	ug/kg
[illegible]	20-Oct-03	Composite	Reference	SVOP	[illegible]	2,4-D	8.3	U	8.3	ug/kg
[illegible]	20-Oct-03	Composite	Reference	SVOP	[illegible]	2,4-DB	8.3	U	8.3	ug/kg
[illegible]	20-Oct-03	Composite	Reference	SVOP	[illegible]	Dalapon	2000	U	2000	ug/kg
[illegible]	20-Oct-03	Composite	Reference	SVOP	[illegible]	Dicamba	20	U	20	ug/kg
[illegible]	20-Oct-03	Composite	Reference	SVOP	[illegible]	Dichlorprop	100	U	100	ug/kg
[illegible]	20-Oct-03	Composite	Reference	SVOP	[illegible]	Dinoseb	100	U	100	ug/kg
[illegible]	20-Oct-03	Composite	Reference	SVOP	[illegible]	MCPA(4-chloro-2-methylphenoxy acetic acid)	2000	U	2000	ug/kg
[illegible]	20-Oct-03	Composite	Reference	SVOP	[illegible]	MCPP(R-(+)-chloro-2-methylphenoxy propionic acid)	2000	U	2000	ug/kg
[illegible]	20-Oct-03	Composite	Reference	SVOP	[illegible]	Pentachlorophenol	17	U	17	ug/kg
[illegible]	20-Oct-03	Composite	Reference	GC	[illegible]	Decachlorobiphenyl	20	U	20	ug/kg
[illegible]	20-Oct-03	Composite	Reference	GC	C-DICHLOROB	Dichlorobiphenyl	10	U	10	ug/kg
[illegible]	20-Oct-03	Composite	Reference	GC	C-HEPTACHLOR	Heptachlorobiphenyl	20	U	20	ug/kg
[illegible]	20-Oct-03	Composite	Reference	GC	C-HEXACHLORO	Hexachlorobiphenyl	20	U	20	ug/kg
[illegible]	20-Oct-03	Composite	Reference	GC	C-MONOCHLORO	Monochlorobiphenyl	10	U	10	ug/kg
[illegible]	20-Oct-03	Composite	Reference	GC	C-NONACHLORO	Nonachlorobiphenyl	20	U	20	ug/kg
[illegible]	20-Oct-03	Composite	Reference	GC	C-OCTA-BPHE	Octachlorobiphenyl	20	U	20	ug/kg
[illegible]	20-Oct-03	Composite	Reference	GC	C-PENTA-BPHEN	Pentachlorobiphenyl	20	U	20	ug/kg
[illegible]	20-Oct-03	Composite	Reference	GC	C-TETRACHLOR	Tetrachlorobiphenyl	20	U	20	ug/kg
[illegible]	20-Oct-03	Composite	Reference	GC	C-TOTAL-PCB	Total Polychlorinated Biphenyls	20	U	20	ug/kg
[illegible]	20-Oct-03	Composite	Reference	GC	C-TRICHLOROB	Trichlorobiphenyl	10	U	10	ug/kg
[illegible]	20-Oct-03	Composite	Reference	EIMA	[illegible]	4,4'-DDD	12	J	25	ug/kg
[illegible]	20-Oct-03	Composite	Reference	EIMA	[illegible]	4,4'-DDE	10	J	25	ug/kg
[illegible]	20-Oct-03	Composite	Reference	EIMA	[illegible]	4,4'-DDT	25	U	25	ug/kg
[illegible]	20-Oct-03	Composite	Reference	EIMA	[illegible]	Aldrin	25	U	25	ug/kg
[illegible]	20-Oct-03	Composite	Reference	EIMA	[illegible]	alpha-BHC	25	U	25	ug/kg
[illegible]	20-Oct-03	Composite	Reference	EIMA	[illegible]	alpha-Chlordane	25	U	25	ug/kg
[illegible]	20-Oct-03	Composite	Reference	EIMA	[illegible]	beta-BHC	25	U	25	ug/kg
[illegible]	20-Oct-03	Composite	Reference	EIMA	[illegible]	delta-BHC	25	U	25	ug/kg
[illegible]	20-Oct-03	Composite	Reference	EIMA	[illegible]	Dieldrin	8.8	J	25	ug/kg
[illegible]	20-Oct-03	Composite	Reference	EIMA	[illegible]	Endosulfan I	25	U	25	ug/kg
[illegible]	20-Oct-03	Composite	Reference	EIMA	[illegible]	Endosulfan II	25	U	25	ug/kg
[illegible]	20-Oct-03	Composite	Reference	EIMA	[illegible]	Endosulfan sulfate	25	U	25	ug/kg
[illegible]	20-Oct-03	Composite	Reference	EIMA	[illegible]	Endrin	25	U	25	ug/kg
[illegible]	20-Oct-03	Composite	Reference	EIMA	[illegible]	Endrin aldehyde	4.9	J	25	ug/kg
[illegible]	20-Oct-03	Composite	Reference	EIMA	[illegible]	Endrin ketone	25	U	25	ug/kg
[illegible]	20-Oct-03	Composite	Reference	EIMA	[illegible]	gamma-BHC (Lindane)	25	U	25	ug/kg
[illegible]	20-Oct-03	Composite	Reference	EIMA	[illegible]	gamma-Chlordane	3.5	J	25	ug/kg
[illegible]	20-Oct-03	Composite	Reference	EIMA	[illegible]	Heptachlor	25	U	25	ug/kg
[illegible]	20-Oct-03	Composite	Reference	EIMA	[illegible]	Heptachlor epoxide	25	U	25	ug/kg
[illegible]	20-Oct-03	Composite	Reference	EIMA	[illegible]	Methoxychlor	100	U	100	ug/kg
[illegible]	20-Oct-03	Composite	Reference	EIMA	[illegible]	Toxaphene	500	U	500	ug/kg
[illegible]	20-Oct-03	Composite	Reference	SVOC	[illegible]	1,2,3-Trichlorobenzene	340	U	340	ug/kg
[illegible]	20-Oct-03	Composite	Reference	SVOC	[illegible]	1,2,4-Trichlorobenzene	340	U	340	ug/kg
[illegible]	20-Oct-03	Composite	Reference	SVOC	[illegible]	1,3-Dichlorobenzene	340	U	340	ug/kg
[illegible]	20-Oct-03	Composite	Reference	SVOC	[illegible]	1,3,5-Trichlorobenzene	340	U	340	ug/kg
[illegible]	20-Oct-03	Composite	Reference	SVOC	[illegible]	1,3-Dichlorobenzene	340	U	340	ug/kg
[illegible]	20-Oct-03	Composite	Reference	SVOC	[illegible]	1,4-Dichlorobenzene	340	U	340	ug/kg
[illegible]	20-Oct-03	Composite	Reference	SVOC	[illegible]	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	340	U	340	ug/kg
[illegible]	20-Oct-03	Composite	Reference	SVOC	[illegible]	2,3,4-Trichlorophenol	340	U	340	ug/kg

Sample ID	Sample Date	Sample Type 1	Sample Type 3	Analytical Method	CAS Number	Analyte	Concentration	Validation Q	Reporting Limit	Units
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	933-78-8	2,3,5-Trichlorophenol	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	933-7-5	2,3,6-Trichlorophenol	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	95-95-4	2,4,5-Trichlorophenol	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	88-06-2	2,4,6-Trichlorophenol	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	120-83-2	2,4-Dichlorophenol	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	105-67-9	2,4-Dimethylphenol	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	51-28-5	2,4-Dinitrophenol	2500	U	2500	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	121-14-2	2,4-Dinitrotoluene	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	606-20-2	2,6-Dinitrotoluene	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	91-58-7	2-Chloronaphthalene	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	95-57-8	2-Chlorophenol	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	91-57-6	2-Methylnaphthalene	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	95-48-7	2-Methylphenol (o-Cresol)	290	J	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	88-74-4	2-Nitroaniline	2500	U	2500	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	88-75-5	2-Nitrophenol	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	91-94-1	3,3'-Dichlorobenzidine	2000	U	2000	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	609-19-8	3,4,5-Trichlorophenol	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	108-44-5	3-Methylphenol/4-Methylphenol (m&p-Cresol)	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	99-09-2	3-Nitroaniline	2500	U	2500	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	534-52-1	4,6-Dinitro-2-methylphenol	2500	U	2500	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	101-55-3	4-Bromophenylphenyl ether	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	59-50-7	4-Chloro-3-methylphenol	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	106-47-8	4-Chloroaniline	990	U	990	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	7005-72-3	4-Chlorophenylphenyl ether	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	100-01-6	4-Nitroaniline	2500	U	2500	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	100-02-7	4-Nitrophenol	2500	U	2500	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	83-32-9	Acenaphthene	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	208-96-8	Acenaphthylene	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	120-12-7	Anthracene	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	56-55-3	Benzo(a)anthracene	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	50-32-8	Benzo(a)pyrene	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	205-99-2	Benzo(b)fluoranthene	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	191-24-2	Benzo(g,h,i)perylene	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	207-08-9	Benzo(k)fluoranthene	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	111-91-1	bis(2-Chloroethoxy)methane	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	111-44-4	bis(2-Chloroethyl)ether	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	117-81-7	bis(2-Ethylhexyl)phthalate	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	85-68-7	Butylbenzylphthalate	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	86-74-8	Carbazole	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	218-01-9	Chrysene	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	84-74-2	Di-n-butylphthalate	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	117-84-0	Di-n-octylphthalate	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	53-70-3	Dibenzo(a,h)anthracene	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	132-64-9	Dibenzofuran	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	84-66-2	Diethylphthalate	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	131-11-3	Dimethylphthalate	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	206-44-0	Fluoranthene	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	86-73-7	Fluorene	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	118-74-1	Hexachlorobenzene	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	87-68-3	Hexachlorobutadiene	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	77-47-4	Hexachlorocyclopentadiene	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	67-72-1	Hexachloroethane	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	193-39-5	Indeno(1,2,3-cd)pyrene	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	78-59-1	Isophorone	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	621-64-7	N-Nitroso-di-n-propylamine	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	86-30-6	N-Nitrosodiphenylamine	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	91-20-3	Naphthalene	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	98-95-3	Nitrobenzene	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	87-86-5 (SVOC)	Pentachlorophenol (SVOC)	2500	U	2500	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	85-01-8	Phenanthrene	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	108-95-2	Phenol	510	U	510	ug/kg
DDA Drum-Comp#1	27-Oct-00	Composite	Reference	8270C	129-00-0	Pyrene	510	U	510	ug/kg
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	% Lipids	% Lipids	% Lipids	1			%
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	SW8290	3268-87-9	1,2,3,4,6,7,8,9-OCDD	2.2	J	0.1	pg/g
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	SW8290	39001-02-0	1,2,3,4,6,7,8,9-OCDF	0.19	UJ	0.1	pg/g
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	SW8290	35822-46-9	1,2,3,4,6,7,8-HpCDD	0.39	U	0.09	pg/g
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	SW8290	67562-39-4	1,2,3,4,6,7,8-HpCDF	0.05	UJ	0.05	pg/g
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	SW8290	55673-89-7	1,2,3,4,7,8,9-HpCDF	0.06	UJ	0.06	pg/g
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	SW8290	39227-28-6	1,2,3,4,7,8-HxCDD	0.06	UJ	0.06	pg/g
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	SW8290	70648-26-9	1,2,3,4,7,8-HxCDF	0.12	U	0.04	pg/g
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	SW8290	57653-85-7	1,2,3,6,7,8-HxCDD	0.19	J	0.06	pg/g
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	SW8290	57117-44-9	1,2,3,6,7,8-HxCDF	0.04	UJ	0.04	pg/g
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	SW8290	19408-74-3	1,2,3,7,8,9-HxCDD	0.06	UJ	0.06	pg/g
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	SW8290	72918-21-9	1,2,3,7,8,9-HxCDF	0.05	UJ	0.05	pg/g
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	SW8290	40321-76-4	1,2,3,7,8-PeCDD	0.14	J	0.05	pg/g
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	SW8290	57117-41-6	1,2,3,7,8-PeCDF	0.04	UJ	0.04	pg/g
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	SW8290	60851-34-5	2,3,4,6,7,8-HxCDF	0.04	UJ	0.04	pg/g
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	SW8290	57117-31-4	2,3,4,7,8-PeCDF	0.19	J	0.04	pg/g
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	SW8290	1746-01-6	2,3,7,8-TCDD	0.1	U	0.04	pg/g
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	SW8290	51207-31-9	2,3,7,8-TCDF	0.44	J	0.04	pg/g
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	SW8290	37871-00-4	Total HpCDD	0.55	U	0.09	pg/g
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	SW8290	38998-75-3	Total HpCDF	0.33	J	0.05	pg/g
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	SW8290	34465-46-8	Total HxCDD	0.19	U	0.06	pg/g

Sample ID	Sample Date	Sample Type 1	Sample Type 2	Analytical Method	CAS Number	Analyte	Concentration	Validation Q	Reporting Limit	Units
[illegible]	[illegible]	Composite	Site	[illegible]	55684-94-1	Total HxCDF	1.4	J	0.04	pg/g
[illegible]	[illegible]	Composite	Site	[illegible]	36088-22-9	Total PeCDD	1.5	J	0.05	pg/g
[illegible]	[illegible]	Composite	Site	[illegible]	30402-15-4	Total PeCDF	2.8	J	0.04	pg/g
[illegible]	[illegible]	Composite	Site	[illegible]	41903-57-5	Total TCDD	2.1		0.04	pg/g
[illegible]	[illegible]	Composite	Site	[illegible]	55722-27-5	Total TCDF	7.1	J	0.04	pg/g
[illegible]	[illegible]	Composite	Site	[illegible]	93-76-5	2,4,5-T	8.3	U	8.3	ug/kg
[illegible]	[illegible]	Composite	Site	[illegible]	93-72-1	2,4,5-TP (Silvex)	8.3	U	8.3	ug/kg
[illegible]	[illegible]	Composite	Site	[illegible]	94-75-7	2,4-D	8.3	U	8.3	ug/kg
[illegible]	[illegible]	Composite	Site	[illegible]	94-82-6	2,4-DB	8.3	U	8.3	ug/kg
[illegible]	[illegible]	Composite	Site	[illegible]	75-99-0	Dalapon	2000	U	2000	ug/kg
[illegible]	[illegible]	Composite	Site	[illegible]	1918-00-9	Dicamba	20	U	20	ug/kg
[illegible]	[illegible]	Composite	Site	[illegible]	120-36-5	Dichloroprop	100	U	100	ug/kg
[illegible]	[illegible]	Composite	Site	[illegible]	88-85-7	Dinoseb	100	U	100	ug/kg
[illegible]	[illegible]	Composite	Site	[illegible]	94-74-6	MCPA ((4-chloro-2-methylphenoxy)-acetic acid)	2000	U	2000	ug/kg
[illegible]	[illegible]	Composite	Site	[illegible]	7085-19-0	MCPP (2-(4-chloro-2-methylphenoxy)-propanoic acid)	2000	U	2000	ug/kg
[illegible]	[illegible]	Composite	Site	[illegible]	87-86-5	Pentachlorophenol	17	U	17	ug/kg
[illegible]	[illegible]	Composite	Site	680	2051-24-3	Decachlorobiphenyl	50	U	50	ug/kg
[illegible]	[illegible]	Composite	Site	680	C-DICHLOROBI	Dichlorobiphenyl	10	U	10	ug/kg
[illegible]	[illegible]	Composite	Site	680	C-HEPTACHLOR	Heptachlorobiphenyl	30	U	30	ug/kg
[illegible]	[illegible]	Composite	Site	680	C-HEXACHLORO	Hexachlorobiphenyl	20	U	20	ug/kg
[illegible]	[illegible]	Composite	Site	680	C-MONOCHLORO	Monochlorobiphenyl	10	U	10	ug/kg
[illegible]	[illegible]	Composite	Site	680	C-NONACHLORO	Nonachlorobiphenyl	50	U	50	ug/kg
[illegible]	[illegible]	Composite	Site	680	C-OCTA-BIPHE	Octachlorobiphenyl	30	U	30	ug/kg
[illegible]	[illegible]	Composite	Site	680	C-PENTABIPHEN	Pentachlorobiphenyl	20	U	20	ug/kg
[illegible]	[illegible]	Composite	Site	680	C-TETRACHLOR	Tetrachlorobiphenyl	20	U	20	ug/kg
[illegible]	[illegible]	Composite	Site	680	C-TOTAL-PCB	Total Polychlorinated Biphenyls	50	U	50	ug/kg
[illegible]	[illegible]	Composite	Site	680	C-TRICHLOROB	Trichlorobiphenyl	10	U	10	ug/kg
[illegible]	[illegible]	Composite	Site	8081A	72-54-8	4,4'-DDD	25	U	25	ug/kg
[illegible]	[illegible]	Composite	Site	8081A	72-55-9	4,4'-DDE	25	U	25	ug/kg
[illegible]	[illegible]	Composite	Site	8081A	50-29-3	4,4'-DDT	25	U	25	ug/kg
[illegible]	[illegible]	Composite	Site	8081A	309-00-2	Aldrin	25	U	25	ug/kg
[illegible]	[illegible]	Composite	Site	8081A	319-84-6	alpha-BHC	25	U	25	ug/kg
[illegible]	[illegible]	Composite	Site	8081A	5103-71-9	alpha-Chlordane	25	U	25	ug/kg
[illegible]	[illegible]	Composite	Site	8081A	319-85-7	beta-BHC	25	U	25	ug/kg
[illegible]	[illegible]	Composite	Site	8081A	319-86-8	delta-BHC	25	U	25	ug/kg
[illegible]	[illegible]	Composite	Site	8081A	60-57-1	Dieldrin	25	U	25	ug/kg
[illegible]	[illegible]	Composite	Site	8081A	959-98-8	Endosulfan I	25	U	25	ug/kg
[illegible]	[illegible]	Composite	Site	8081A	33213-65-9	Endosulfan II	25	U	25	ug/kg
[illegible]	[illegible]	Composite	Site	8081A	1031-07-8	Endosulfan sulfate	25	U	25	ug/kg
[illegible]	[illegible]	Composite	Site	8081A	72-20-8	Endrin	25	U	25	ug/kg
[illegible]	[illegible]	Composite	Site	8081A	7421-93-4	Endrin aldehyde	25	U	25	ug/kg
[illegible]	[illegible]	Composite	Site	8081A	53494-70-5	Endrin ketone	25	U	25	ug/kg
[illegible]	[illegible]	Composite	Site	8081A	58-89-9	gamma-BHC (Lindane)	25	U	25	ug/kg
[illegible]	[illegible]	Composite	Site	8081A	5103-74-2	gamma-Chlordane	25	U	25	ug/kg
[illegible]	[illegible]	Composite	Site	8081A	76-44-8	Heptachlor	25	U	25	ug/kg
[illegible]	[illegible]	Composite	Site	8081A	1024-57-3	Heptachlor epoxide	25	U	25	ug/kg
[illegible]	[illegible]	Composite	Site	8081A	72-43-5	Methoxychlor	100	U	100	ug/kg
[illegible]	[illegible]	Composite	Site	8081A	8001-35-2	Toxaphene	800	U	800	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	87-61-6	1,2,3-Trichlorobenzene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	120-82-1	1,2,4-Trichlorobenzene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	95-50-1	1,2-Dichlorobenzene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	108-70-3	1,3,5-Trichlorobenzene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	541-73-1	1,3-Dichlorobenzene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	106-46-7	1,4-Dichlorobenzene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	108-60-1	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	15950-66-0	2,3,4-Trichlorophenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	933-78-8	2,3,5-Trichlorophenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	933-75-5	2,3,6-Trichlorophenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	95-95-4	2,4,5-Trichlorophenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	88-06-2	2,4,6-Trichlorophenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	120-83-2	2,4-Dichlorophenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	105-67-9	2,4-Dimethylphenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	51-28-5	2,4-Dinitrophenol	2500	U	2500	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	121-14-2	2,4-Dinitrotoluene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	606-20-2	2,6-Dinitrotoluene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	91-58-7	2-Chloronaphthalene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	95-57-8	2-Chlorophenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	91-57-6	2-Methylnaphthalene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	95-48-7	2-Methylphenol (o-Cresol)	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	88-74-4	2-Nitroaniline	2500	U	2500	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	88-75-5	2-Nitrophenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	91-94-1	3,3'-Dichlorobenzidine	1000	U	1000	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	609-19-8	3,4,5-Trichlorophenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	[illegible]	3-Methylphenol/4-Methylphenol (m&p-Cresol)	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	99-09-2	3-Nitroaniline	2500	U	2500	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	534-52-1	4,6-Dinitro-2-methylphenol	2500	U	2500	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	101-55-3	4-Bromophenyl phenyl ether	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	59-50-7	4-Chloro-3-methylphenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	106-47-8	4-Chloroaniline	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	7005-72-3	4-Chlorophenyl phenyl ether	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	100-01-6	4-Nitroaniline	2500	U	2500	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	100-02-7	4-Nitrophenol	2500	U	2500	ug/kg

Sample ID	Sample Date	Sample Type 1	Sample Type 3	Analytical Method	CAS Number	Analyte	Concentration	Validation Q	Reporting Limit	Units
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	8270C	83-32-9	Acenaphthene	510	U	510	ug/kg
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	8270C	208-96-8	Acenaphthylene	510	U	510	ug/kg
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	8270C	120-12-7	Anthracene	510	U	510	ug/kg
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	8270C	56-55-3	Benzo(a)anthracene	510	U	510	ug/kg
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	8270C	50-32-8	Benzo(a)pyrene	510	U	510	ug/kg
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	8270C	205-99-2	Benzo(b)fluoranthene	510	U	510	ug/kg
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	8270C	191-24-2	Benzo(g,h,i)perylene	510	U	510	ug/kg
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	8270C	207-08-9	Benzo(k)fluoranthene	510	U	510	ug/kg
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	8270C	111-91-1	bis(2-Chloroethoxy)methane	510	U	510	ug/kg
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	8270C	111-44-4	bis(2-Chloroethyl)ether	510	U	510	ug/kg
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	8270C	117-81-7	bis(2-Ethylhexyl)phthalate	510	U	510	ug/kg
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	8270C	85-68-7	Butylbenzylphthalate	510	U	510	ug/kg
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	8270C	86-74-8	Carbazole	510	U	510	ug/kg
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	8270C	218-01-9	Chrysene	510	U	510	ug/kg
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	8270C	84-74-2	Di-n-butylphthalate	510	U	510	ug/kg
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	8270C	117-84-0	Di-n-octylphthalate	510	U	510	ug/kg
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	8270C	53-70-3	Dibenzo(a,h)anthracene	510	U	510	ug/kg
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	8270C	132-64-9	Dibenzofuran	510	U	510	ug/kg
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	8270C	84-66-2	Diethylphthalate	510	U	510	ug/kg
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	8270C	131-11-3	Dimethylphthalate	510	U	510	ug/kg
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	8270C	206-44-0	Fluoranthene	510	U	510	ug/kg
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	8270C	86-73-7	Fluorene	510	U	510	ug/kg
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	8270C	118-74-1	Hexachlorobenzene	510	U	510	ug/kg
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	8270C	87-68-3	Hexachlorobutadiene	510	U	510	ug/kg
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	8270C	77-47-4	Hexachlorocyclopentadiene	510	U	510	ug/kg
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	8270C	67-72-1	Hexachloroethane	510	U	510	ug/kg
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	8270C	193-39-5	Indeno(1,2,3-cd)pyrene	510	U	510	ug/kg
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	8270C	78-59-1	Isophorone	510	U	510	ug/kg
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	8270C	621-64-7	N-Nitroso-di-n-propylamine	510	U	510	ug/kg
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	8270C	86-30-6	N-Nitrosodiphenylamine	510	U	510	ug/kg
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	8270C	91-20-3	Naphthalene	510	U	510	ug/kg
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	8270C	98-95-3	Nitrobenzene	510	U	510	ug/kg
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	8270C	87-86-5 (SVOC)	Pentachlorophenol (SVOC)	2500	U	2500	ug/kg
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	8270C	85-01-8	Phenanthrene	510	U	510	ug/kg
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	8270C	108-95-2	Phenol	510	U	510	ug/kg
PDA Buffalo Fillet Comp#1	01-Nov-00	Composite	Site	8270C	129-00-0	Pyrene	510	U	510	ug/kg
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	% Lipids	% Lipids	% Lipids	2			%
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	SW8290	3268-87-9	1,2,3,4,6,7,8,9-OCDD	2.8	J	0.1	pg/g
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	SW8290	39001-02-0	1,2,3,4,6,7,8,9-OCDF	0.29	U	0.1	pg/g
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	SW8290	35822-46-9	1,2,3,4,6,7,8-HpCDD	0.79	J	0.09	pg/g
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	SW8290	67562-39-4	1,2,3,4,6,7,8-HpCDF	0.05	UJ	0.05	pg/g
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	SW8290	55673-89-7	1,2,3,4,7,8,9-HpCDF	0.07	UJ	0.07	pg/g
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	SW8290	39227-28-6	1,2,3,4,7,8-HxCDD	0.09	U	0.06	pg/g
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	SW8290	70648-26-9	1,2,3,4,7,8-HxCDF	0.21	U	0.04	pg/g
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	SW8290	57653-85-7	1,2,3,6,7,8-HxCDD	0.26	J	0.06	pg/g
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	SW8290	57117-44-9	1,2,3,6,7,8-HxCDF	0.04	UJ	0.04	pg/g
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	SW8290	19408-74-3	1,2,3,7,8,9-HxCDD	0.14	J	0.08	pg/g
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	SW8290	72918-21-9	1,2,3,7,8,9-HxCDF	0.05	UJ	0.05	pg/g
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	SW8290	40321-76-4	1,2,3,7,8-PeCDD	0.19	J	0.05	pg/g
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	SW8290	57117-41-6	1,2,3,7,8-PeCDF	0.04	UJ	0.04	pg/g
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	SW8290	60851-34-5	2,3,4,6,7,8-HxCDF	0.09	U	0.04	pg/g
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	SW8290	57117-31-4	2,3,4,7,8-PeCDF	0.19	J	0.04	pg/g
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	SW8290	1746-01-6	2,3,7,8-TCDD	0.19	J	0.05	pg/g
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	SW8290	51207-31-9	2,3,7,8-TCDF	0.72		0.04	pg/g
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	SW8290	37871-00-4	Total HpCDD	0.89	J	0.09	pg/g
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	SW8290	38998-75-9	Total HpCDF	0.9	J	0.06	pg/g
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	SW8290	34465-46-8	Total HxCDD	1	UJ	0.08	pg/g
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	SW8290	55684-94-1	Total HxCDF	4.8	J	0.04	pg/g
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	SW8290	36088-22-9	Total PeCDD	0.95	J	0.05	pg/g
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	SW8290	30402-15-4	Total PeCDF	13.4	J	0.04	pg/g
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	SW8290	41903-57-5	Total TCDD	0.55	J	0.05	pg/g
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	SW8290	55722-27-5	Total TCDF	23.7	J	0.04	pg/g
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	8151	93-76-5	2,4,5-T	8.3	U	8.3	ug/kg
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	8151	93-72-1	2,4,5-TP (Silvex)	8.3	U	8.3	ug/kg
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	8151	94-75-7	2,4-D	8.3	U	8.3	ug/kg
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	8151	94-82-6	2,4-DB	8.3	U	8.3	ug/kg
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	8151	75-99-0	Dalapon	2000	U	2000	ug/kg
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	8151	1918-00-9	Dicamba	20	U	20	ug/kg
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	8151	120-36-5	Dichloroprop	100	U	100	ug/kg
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	8151	88-85-7	Dinoseb	100	U	100	ug/kg
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	8151	94-74-6	MCPA[(4-chloro-2-methylphenoxy)-acetic acid]	2000	U	2000	ug/kg
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	8151	7085-19-0	MCPP[2-(4-chloro-2-methylphenoxy)-propanoic acid]	2000	U	2000	ug/kg
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	8151	87-86-5	Pentachlorophenol	17	U	17	ug/kg
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	680	2051-24-3	Decachlorobiphenyl	50	U	50	ug/kg
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	680	C-DICHLOROBI	Dichlorobiphenyl	10	U	10	ug/kg
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	680	C-HEPTACHLOR	Heptachlorobiphenyl	30	U	30	ug/kg
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	680	C-HEXACHLORO	Hexachlorobiphenyl	20	U	20	ug/kg
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	680	C-MONOCHLORO	Monochlorobiphenyl	10	U	10	ug/kg
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	680	C-NONACHLORO	Nonachlorobiphenyl	50	U	50	ug/kg
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	680	C-OCTA-BIPHE	Octachlorobiphenyl	30	U	30	ug/kg
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	680	C-PENTBIPHEN	Pentachlorobiphenyl	20	U	20	ug/kg
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	680	C-TETRACHLOR	Tetrachlorobiphenyl	20	U	20	ug/kg
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	680	C-TOTAL-PCB	Total Polychlorinated Biphenyls	50	U	50	ug/kg

Appendix II-H

Results of Chemical Analysis of Fish Tissue Collected from Mississippi River near Sauget Area 2 Sites (Krummrich Data)

Sample ID	Sample Date	Sample Type 1	Sample Type 2	Analytical Method	CAS Number	Analyte	Concentration	Validation Q	Reporting Limit	Units
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	680	C-TRICHLOROB	Trichlorobiphenyl	10	U	10	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8081A	72-54-8	4,4'-DDD	25	U	25	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8081A	72-55-9	4,4'-DDE	7.6	J	25	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8081A	50-29-3	4,4'-DDT	25	U	25	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8081A	309-00-2	Aldrin	25	U	25	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8081A	319-84-6	alpha-BHC	25	U	25	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8081A	5103-71-9	alpha-Chlordane	25	U	25	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8081A	319-85-7	beta-BHC	25	U	25	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8081A	319-86-8	delta-BHC	25	U	25	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8081A	60-57-1	Dieldrin	25	U	25	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8081A	959-98-8	Endosulfan I	25	U	25	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8081A	33213-65-9	Endosulfan II	25	U	25	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8081A	1031-07-8	Endosulfan sulfate	25	U	25	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8081A	72-20-8	Endrin	25	U	25	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8081A	7421-93-4	Endrin aldehyde	25	U	25	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8081A	53494-70-5	Endrin ketone	25	U	25	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8081A	58-89-9	gamma-BHC (Lindane)	25	U	25	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8081A	5103-74-2	gamma-Chlordane	25	U	25	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8081A	76-44-8	Heptachlor	25	U	25	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8081A	1024-57-3	Heptachlor epoxide	25	U	25	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8081A	72-43-5	Methoxychlor	44	J	25	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8081A	8001-35-2	Toxaphene	850	U	850	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	87-61-6	1,2,3-Trichlorobenzene	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	120-82-1	1,2,4-Trichlorobenzene	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	95-50-1	1,2-Dichlorobenzene	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	108-70-3	1,3,5-Trichlorobenzene	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	541-73-1	1,3-Dichlorobenzene	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	106-46-7	1,4-Dichlorobenzene	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	108-60-1	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	15950-66-0	2,3,4-Trichlorophenol	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	933-78-8	2,3,5-Trichlorophenol	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	933-75-5	2,3,6-Trichlorophenol	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	95-95-4	2,4,5-Trichlorophenol	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	88-06-2	2,4,6-Trichlorophenol	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	120-83-2	2,4-Dichlorophenol	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	105-67-9	2,4-Dimethylphenol	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	51-28-5	2,4-Dinitrophenol	2500	U	2500	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	121-14-2	2,4-Dinitrotoluene	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	606-20-2	2,6-Dinitrotoluene	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	91-58-7	2-Chloronaphthalene	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	95-57-8	2-Chlorophenol	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	91-57-6	2-Methylnaphthalene	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	95-48-7	2-Methylphenol (o-Cresol)	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	88-74-4	2-Nitroaniline	2500	U	2500	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	88-75-5	2-Nitrophenol	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	91-94-1	3,3'-Dichlorobenzidine	1000	U	1000	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	609-19-8	3,4,5-Trichlorophenol	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	108-39-4	3-Methylphenol/4-Methylphenol (m&p-Cresol)	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	99-09-2	3-Nitroaniline	2500	U	2500	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	534-52-1	4,6-Dinitro-2-methylphenol	2500	U	2500	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	101-55-3	4-Bromophenylphenyl ether	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	59-50-7	4-Chloro-3-methylphenol	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	106-47-8	4-Chloroaniline	1000	U	1000	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	7005-72-3	4-Chlorophenylphenyl ether	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	100-01-6	4-Nitroaniline	2500	U	2500	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	100-02-7	4-Nitrophenol	2500	U	2500	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	83-32-9	Acenaphthene	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	208-96-8	Acenaphthylene	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	120-12-7	Anthracene	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	56-55-3	Benzo(a)anthracene	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	50-32-8	Benzo(a)pyrene	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	205-99-2	Benzo(b)fluoranthene	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	191-24-2	Benzo(g,h,i)perylene	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	207-08-9	Benzo(k)fluoranthene	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	111-91-1	bis(2-Chloroethoxy)methane	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	111-44-4	bis(2-Chloroethyl)ether	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	117-81-7	bis(2-Ethylhexyl)phthalate	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	85-68-7	Butylbenzylphthalate	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	86-74-8	Carbazole	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	218-01-9	Chrysene	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	84-74-2	Di-n-butylphthalate	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	117-84-0	Di-n-octylphthalate	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	53-70-3	Dibenz(a,h)anthracene	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	132-64-9	Dibenzofuran	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	84-66-2	Diethylphthalate	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	131-11-3	Dimethylphthalate	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	206-44-0	Fluoranthene	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	86-73-7	Fluorene	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	118-74-1	Hexachlorobenzene	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	87-68-3	Hexachlorobutadiene	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	77-47-4	Hexachlorocyclopentadiene	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	67-72-1	Hexachloroethane	510	U	510	ug/kg
FDA Buffalo-Filet Comp#2	[illegible]	Composite	Site	8270C	193-39-5	Indeno(1,2,3-cd)pyrene	510	U	510	ug/kg

Sample ID	Sample Date	Sample Type 1	Sample Type 3	Analytical Method	CAS Number	Analyte	Concentration	Validation Q	Reporting Limit	Units
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	8270C	78-59-1	Isophorone	510	U	510	ug/kg
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	8270C	621-64-7	N-Nitroso-di-n-propylamine	510	U	510	ug/kg
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	8270C	86-30-6	N-Nitrosodiphenylamine	510	U	510	ug/kg
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	8270C	91-20-3	Naphthalene	510	U	510	ug/kg
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	8270C	98-95-3	Nitrobenzene	510	U	510	ug/kg
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	8270C	87-86-5 (SVOC)	Pentachlorophenol (SVOC)	2500	U	2500	ug/kg
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	8270C	85-01-8	Phenanthrene	510	U	510	ug/kg
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	8270C	108-95-2	Phenol	510	U	510	ug/kg
PDA Buffalo Fillet Comp#2	01-Nov-00	Composite	Site	8270C	129-00-0	Pyrene	510	U	510	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	% Lipids	% Lipids	% Lipids	2			%
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	SW8290	3268-87-9	1,2,3,4,6,7,8,9-OCDD	5.8	J	0.1	pg/g
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	SW8290	39001-02-0	1,2,3,4,6,7,8,9-OCDF	0.4	UJ	0.08	pg/g
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	SW8290	35822-46-9	1,2,3,4,6,7,8-HpCDD	0.87	J	0.07	pg/g
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	SW8290	67562-39-4	1,2,3,4,6,7,8-HpCDF	0.05	UJ	0.05	pg/g
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	SW8290	55673-89-7	1,2,3,4,7,8,9-HpCDF	0.06	UJ	0.06	pg/g
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	SW8290	39227-28-6	1,2,3,4,7,8-HxCDD	0.06	U	0.06	pg/g
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	SW8290	70648-26-9	1,2,3,4,7,8-HxCDF	0.13	U	0.04	pg/g
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	SW8290	57653-85-7	1,2,3,6,7,8-HxCDD	0.28	J	0.05	pg/g
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	SW8290	57117-44-9	1,2,3,6,7,8-HxCDF	0.05	UJ	0.03	pg/g
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	SW8290	19408-74-3	1,2,3,7,8,9-HxCDD	0.1	U	0.05	pg/g
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	SW8290	72918-21-9	1,2,3,7,8,9-HxCDF	0.05	UJ	0.05	pg/g
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	SW8290	40321-76-4	1,2,3,7,8-PeCDD	0.14	J	0.05	pg/g
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	SW8290	57117-41-6	1,2,3,7,8-PeCDF	0.04	UJ	0.04	pg/g
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	SW8290	60851-34-5	2,3,4,6,7,8-HxCDF	0.09	U	0.04	pg/g
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	SW8290	57117-31-4	2,3,4,7,8-PeCDF	0.34	J	0.04	pg/g
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	SW8290	1746-01-6	2,3,7,8-TCDD	0.26	J	0.05	pg/g
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	SW8290	51207-31-9	2,3,7,8-TCDF	0.85		0.04	pg/g
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	SW8290	37871-00-4	Total HpCDD	1.1		0.07	pg/g
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	SW8290	38998-75-3	Total HpCDF	0.72	J	0.05	pg/g
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	SW8290	34465-46-8	Total HxCDD	0.84	UJ	0.05	pg/g
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	SW8290	55684-94-1	Total HxCDF	3.8	J	0.04	pg/g
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	SW8290	36088-22-9	Total PeCDD	0.78	J	0.05	pg/g
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	SW8290	30402-15-4	Total PeCDF	9.1	J	0.04	pg/g
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	SW8290	41903-57-5	Total TCDD	0.87		0.05	pg/g
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	SW8290	55722-27-5	Total TCDF	18.1	J	0.04	pg/g
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	8151	93-76-5	2,4,5-T	4.8	J	8.3	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	8151	93-72-1	2,4,5-TP (Silvex)	8.3	U	8.3	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	8151	94-75-7	2,4-D	8.3	U	8.3	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	8151	94-82-6	2,4-DB	8.3	U	8.3	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	8151	75-99-0	Dalapon	2000	U	2000	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	8151	1918-00-9	Dicamba	20	U	20	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	8151	120-36-5	Dichloroprop	100	U	100	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	8151	88-85-7	Dinoseb	100	U	100	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	8151	94-74-6	MCPA[(4-chloro-2-methylphenoxy)-acetic acid]	2000	U	2000	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	8151	7085-19-0	MCPP[2-(4-chloro-2-methylphenoxy)-propanoic acid]	2000	U	2000	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	8151	87-86-5	Pentachlorophenol	17	U	17	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	680	2051-24-3	Decachlorobiphenyl	50	U	50	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	680	C-DICHLOROBI	Dichlorobiphenyl	10	U	10	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	680	C-HEPTACHLOR	Heptachlorobiphenyl	30	U	30	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	680	C-HEXACHLORO	Hexachlorobiphenyl	20	U	20	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	680	C-MONOCHLORO	Monochlorobiphenyl	10	U	10	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	680	C-NONACHLORO	Nonachlorobiphenyl	30	U	30	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	680	C-OCTA-BIPHE	Octachlorobiphenyl	30	U	30	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	680	C-PENTBIPHEN	Pentachlorobiphenyl	20	U	20	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	680	C-TETRACHLOR	Tetrachlorobiphenyl	20	U	20	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	680	C-TOTAL-PCB	Total Polychlorinated Biphenyls	50	U	50	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	680	C-TRICHLOROB	Trichlorobiphenyl	10	U	10	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	8081A	72-54-8	4,4'-DDD	25	U	25	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	8081A	72-55-9	4,4'-DDE	5.2	J	25	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	8081A	50-29-3	4,4'-DDT	25	U	25	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	8081A	309-00-2	Aldrin	25	U	25	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	8081A	319-84-6	alpha-BHC	25	U	25	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	8081A	5103-71-9	alpha-Chlordane	25	U	25	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	8081A	319-85-7	beta-BHC	25	U	25	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	8081A	319-86-8	delta-BHC	25	U	25	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	8081A	60-57-1	Dieldrin	25	U	25	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	8081A	959-98-8	Endosulfan I	25	U	25	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	8081A	33213-65-9	Endosulfan II	25	U	25	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	8081A	1031-07-8	Endosulfan sulfate	25	U	25	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	8081A	72-20-8	Endrin	25	U	25	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	8081A	7421-93-4	Endrin aldehyde	25	U	25	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	8081A	53494-70-5	Endrin ketone	25	U	25	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	8081A	58-89-9	gamma-BHC (Lindane)	25	U	25	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	8081A	5103-74-2	gamma-Chlordane	25	U	25	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	8081A	76-44-8	Heptachlor	25	U	25	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	8081A	1024-57-3	Heptachlor epoxide	25	U	25	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	8081A	72-43-5	Methoxychlor	100	U	100	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	8081A	8001-35-2	Toxaphene	850	U	850	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	8270C	87-61-6	1,2,3-Trichlorobenzene	510	U	510	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	8270C	120-82-1	1,2,4-Trichlorobenzene	510	U	510	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	8270C	95-50-1	1,2-Dichlorobenzene	510	U	510	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	8270C	108-70-3	1,3,5-Trichlorobenzene	510	U	510	ug/kg
PDA Buffalo Fillet Comp#3	01-Nov-00	Composite	Site	8270C	541-73-1	1,3-Dichlorobenzene	510	U	510	ug/kg

Results of Chemical Analysis of Fish Tissue Collected from Mississippi River near Sauget Area 2 Sites (Kaminski Data)

Sample ID	Sample Date	Sample Type 1	Sample Type 2	Analytical Method	CAS Number	Analyte	Concentration	Validation Q	Reporting Limit	Units
[illegible]	[illegible]	Composite	Site	8270C	106-46-7	1,4-Dichlorobenzene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	108-60-1	2,2'-Oxybis(1-Chloropropane) (Bis-2-chloroisopropyl ether)	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	15950-66-0	2,3,4-Trichlorophenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	933-78-8	2,3,5-Trichlorophenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	933-75-5	2,3,6-Trichlorophenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	95-95-4	2,4,5-Trichlorophenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	88-06-2	2,4,6-Trichlorophenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	120-83-2	2,4-Dichlorophenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	105-67-9	2,4-Dimethylphenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	51-28-5	2,4-Dinitrophenol	2500	U	2500	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	121-14-2	2,4-Dinitrotoluene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	606-20-2	2,6-Dinitrotoluene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	91-58-7	2-Chloronaphthalene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	95-57-8	2-Chlorophenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	91-57-6	2-Methylnaphthalene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	95-48-7	2-Methylphenol (o-Cresol)	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	88-74-4	2-Nitroaniline	2500	U	2500	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	88-75-5	2-Nitrophenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	91-94-1	3,3'-Dichlorobenzidine	2000	U	2000	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	609-19-8	3,4,5-Trichlorophenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	106-44-5	3-Methylphenol/4-Methylphenol (m&p-Cresol)	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	99-09-2	3-Nitroaniline	2500	U	2500	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	534-52-1	4,6-Dinitro-2-methylphenol	2500	U	2500	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	101-55-3	4-Bromophenyl phenyl ether	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	59-50-7	4-Chloro-3-methylphenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	106-47-8	4-Chloroaniline	880	U	880	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	7005-72-3	4-Chlorophenyl phenyl ether	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	100-01-6	4-Nitroaniline	2500	U	2500	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	100-02-7	4-Nitrophenol	2500	U	2500	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	83-32-9	Acenaphthene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	208-96-8	Acenaphthylene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	120-12-7	Anthracene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	56-55-3	Benzo(a)anthracene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	50-32-8	Benzo(a)pyrene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	205-99-2	Benzo(b)fluoranthene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	191-24-2	Benzo(g,h,i)perylene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	207-08-9	Benzo(k)fluoranthene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	111-91-1	bis(2-Chloroethoxy)methane	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	111-44-4	bis(2-Chloroethyl)ether	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	117-81-7	bis(2-Ethylhexyl)phthalate	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	85-68-7	Butylbenzylphthalate	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	86-74-8	Carbazole	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	218-01-9	Chrysene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	84-74-2	Di-n-butylphthalate	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	117-84-0	Di-n-octylphthalate	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	53-70-3	Dibenz(a,h)anthracene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	132-64-9	Dibenzofuran	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	84-66-2	Diethylphthalate	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	131-11-3	Dimethylphthalate	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	206-44-0	Fluoranthene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	86-73-7	Fluorene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	118-74-1	Hexachlorobenzene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	87-68-3	Hexachlorobutadiene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	77-47-4	Hexachlorocyclopentadiene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	67-72-1	Hexachloroethane	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	193-39-5	Indeno(1,2,3-cd)pyrene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	78-59-1	Isophorone	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	621-64-7	N-Nitroso-di-n-propylamine	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	86-30-6	N-Nitrosodiphenylamine	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	91-20-3	Naphthalene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	98-95-3	Nitrobenzene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	87-86-5 (SVOC)	Pentachlorophenol (SVOC)	2500	U	2500	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	85-01-8	Phenanthrene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	108-95-2	Phenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	8270C	129-00-0	Pyrene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Site	% Lipids	% Lipids	% Lipids	6			%
[illegible]	[illegible]	Composite	Site	SW8290	3268-87-9	1,2,3,4,6,7,8,9-OCDD	7.7	J	0.1	pg/g
[illegible]	[illegible]	Composite	Site	SW8290	39001-02-0	1,2,3,4,6,7,8,9-OCDF	0.21	UJ	0.09	pg/g
[illegible]	[illegible]	Composite	Site	SW8290	35822-46-9	1,2,3,4,6,7,8-HpCDD	3	J	0.07	pg/g
[illegible]	[illegible]	Composite	Site	SW8290	67562-39-4	1,2,3,4,6,7,8-HpCDF	0.04	UJ	0.04	pg/g
[illegible]	[illegible]	Composite	Site	SW8290	55673-89-7	1,2,3,4,7,8,9-HpCDF	0.05	UJ	0.05	pg/g
[illegible]	[illegible]	Composite	Site	SW8290	39227-28-6	1,2,3,4,7,8-HxCDD	0.39	J	0.05	pg/g
[illegible]	[illegible]	Composite	Site	SW8290	70648-26-9	1,2,3,4,7,8-HxCDF	0.39	UJ	0.05	pg/g
[illegible]	[illegible]	Composite	Site	SW8290	57653-85-7	1,2,3,6,7,8-HxCDD	1.1	J	0.05	pg/g
[illegible]	[illegible]	Composite	Site	SW8290	57117-44-9	1,2,3,6,7,8-HxCDF	0.11	UJ	0.05	pg/g
[illegible]	[illegible]	Composite	Site	SW8290	19408-74-3	1,2,3,7,8,9-HxCDD	0.37	J	0.04	pg/g
[illegible]	[illegible]	Composite	Site	SW8290	72918-21-9	1,2,3,7,8,9-HxCDF	0.04	UJ	0.04	pg/g
[illegible]	[illegible]	Composite	Site	SW8290	40321-76-4	1,2,3,7,8-PeCDD	0.47	J	0.04	pg/g
[illegible]	[illegible]	Composite	Site	SW8290	57117-41-6	1,2,3,7,8-PeCDF	0.08	UJ	0.08	pg/g
[illegible]	[illegible]	Composite	Site	SW8290	60851-34-5	2,3,4,6,7,8-HxCDF	0.13	UJ	0.08	pg/g
[illegible]	[illegible]	Composite	Site	SW8290	57117-31-4	2,3,4,7,8-PeCDF	0.52	J	0.08	pg/g
[illegible]	[illegible]	Composite	Site	SW8290	1746-01-6	2,3,7,8-TCDD	0.6		0.04	pg/g
[illegible]	[illegible]	Composite	Site	SW8290	51207-31-9	2,3,7,8-TCDF	0.35	J	0.08	pg/g

Appendix II-H
Results of Chemical Analysis of Fish Tissue Collected from Mississippi River near Sauget Area 2 Sites (Krummrich Data)

Sample ID	Sample Date	Sample Type 1	Sample Type 3	Analytical Method	CAS Number	Analyte	Concentration	Validation Q	Reporting Limit	Units
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	SW8290	37871-00-4	Total HpCDD	3.2	J	0.07	pg/g
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	SW8290	38998-75-3	Total HpCDF	0.83	J	0.05	pg/g
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	SW8290	34465-46-8	Total HxCDD	2.2	J	0.05	pg/g
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	SW8290	55684-94-1	Total HxCDF	8.3	J	0.05	pg/g
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	SW8290	36088-22-9	Total PeCDD	1.8	J	0.04	pg/g
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	SW8290	30402-15-4	Total PeCDF	21.5	J	0.03	pg/g
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	SW8290	41903-57-5	Total TCDD	0.67	J	0.04	pg/g
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	SW8290	55722-27-5	Total TCDF	45.9	J	0.03	pg/g
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8151	93-76-5	2,4,5-T	6.3	J	8.3	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8151	93-72-1	2,4,5-TP (Silvex)	3.9	J	8.3	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8151	94-75-7	2,4-D	8.3	U	8.3	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8151	94-82-6	2,4-DB	8.3	U	8.3	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8151	75-99-0	Dalapon	2000	U	2000	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8151	1918-00-9	Dicamba	20	U	20	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8151	120-36-5	Dichloroprop	100	U	100	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8151	88-85-7	Dinoseb	100	U	100	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8151	94-74-6	MCPA[(4-chloro-2-methylphenoxy)-acetic acid]	2000	U	2000	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8151	7085-19-0	MCPP[2-(4-Chloro-2-methylphenoxy)-propanoic acid]	2700	J	2000	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8151	87-86-5	Pentachlorophenol	17	U	17	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	680	2051-24-3	Decachlorobiphenyl	60	U	30	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	680	C-DICHLOROBI	Dichlorobiphenyl	10	U	10	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	680	C-HEPTACHLOR	Heptachlorobiphenyl	30	U	30	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	680	C-HEXACHLORO	Hexachlorobiphenyl	30	U	20	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	680	C-MONOCHLORO	Monochlorobiphenyl	10	U	10	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	680	C-NONACHLORO	Nonachlorobiphenyl	60	U	30	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	680	C-OCTA-BIPHE	Octachlorobiphenyl	30	U	30	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	680	C-PENTBIPHEN	Pentachlorobiphenyl	20	U	20	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	680	C-TETRACHLOR	Tetrachlorobiphenyl	20	U	20	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	680	C-TOTAL-PCB	Total Polychlorinated Biphenyls	50	U	50	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	680	C-TRICHLOROB	Trichlorobiphenyl	10	U	10	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8081A	72-54-8	4,4'-DDD	25	U	25	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8081A	72-55-9	4,4'-DDE	15	J	25	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8081A	50-29-3	4,4'-DDT	25	U	25	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8081A	309-00-2	Aldrin	25	U	25	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8081A	319-84-6	alpha-BHC	25	U	25	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8081A	5103-71-9	alpha-Chlordane	25	U	25	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8081A	319-85-7	beta-BHC	25	U	25	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8081A	319-86-8	delta-BHC	25	U	25	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8081A	60-57-1	Dieldrin	7.2	J	25	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8081A	959-98-8	Endosulfan I	25	U	25	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8081A	33213-65-9	Endosulfan II	25	U	25	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8081A	1031-07-8	Endosulfan sulfate	25	U	25	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8081A	72-20-8	Endrin	25	U	25	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8081A	7421-93-4	Endrin aldehyde	25	U	25	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8081A	53494-70-5	Endrin ketone	25	U	25	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8081A	58-89-9	gamma-BHC (Lindane)	25	U	25	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8081A	5108-74-2	gamma-Chlordane	25	U	25	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8081A	76-44-8	Heptachlor	25	U	25	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8081A	1024-57-3	Heptachlor epoxide	25	U	25	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8081A	72-43-5	Methoxychlor	100	U	100	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8081A	8001-35-2	Toxaphene	850	U	850	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8270C	87-61-6	1,2,3-Trichlorobenzene	510	U	510	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8270C	120-82-1	1,2,4-Trichlorobenzene	510	U	510	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8270C	95-50-1	1,2-Dichlorobenzene	510	U	510	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8270C	108-70-3	1,3,5-Trichlorobenzene	510	U	510	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8270C	541-73-1	1,3-Dichlorobenzene	510	U	510	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8270C	106-46-7	1,4-Dichlorobenzene	510	U	510	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8270C	108-60-1	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	510	U	510	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8270C	15950-66-0	2,3,4-Trichlorophenol	510	U	510	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8270C	933-78-8	2,3,5-Trichlorophenol	510	U	510	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8270C	933-7-5	2,3,6-Trichlorophenol	510	U	510	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8270C	95-95-4	2,4,5-Trichlorophenol	510	U	510	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8270C	88-06-2	2,4,6-Trichlorophenol	510	U	510	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8270C	120-83-2	2,4-Dichlorophenol	510	U	510	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8270C	105-67-9	2,4-Dimethylphenol	510	U	510	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8270C	51-28-5	2,4-Dinitrophenol	2500	U	2500	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8270C	121-14-2	2,4-Dinitrotoluene	510	U	510	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8270C	606-20-2	2,6-Dinitrotoluene	510	U	510	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8270C	91-58-7	2-Chloronaphthalene	510	U	510	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8270C	95-57-8	2-Chlorophenol	510	U	510	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8270C	91-57-6	2-Methylnaphthalene	510	U	510	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8270C	95-48-7	2-Methylphenol (o-Cresol)	510	U	510	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8270C	88-74-4	2-Nitroaniline	2500	U	2500	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8270C	88-75-5	2-Nitrophenol	510	U	510	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8270C	91-94-1	3,3'-Dichlorobenzidine	2000	U	2000	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8270C	609-19-8	3,4,5-Trichlorophenol	510	U	510	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8270C	108-44-5	3-Methylphenol/4-Methylphenol (m&p-Cresol)	510	U	510	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8270C	99-09-2	3-Nitroaniline	2500	U	2500	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8270C	534-52-1	4,6-Dinitro-2-methylphenol	2500	U	2500	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8270C	101-55-3	4-Bromophenylphenyl ether	510	U	510	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8270C	59-50-7	4-Chloro-3-methylphenol	510	U	510	ug/kg
PDA Channel Catfish-Comp#1	02-Nov-00	Composite	Site	8270C	106-47-8	4-Chloroaniline	990	U	990	ug/kg

Appendix B-H

Results of Chemical Analyses of Fish Tissue Collected from Mississippi River near Saugat Area 2 Sites (Krumwich Data)

Sample ID	Sample Date	Sample Type 1	Sample Type 3	Analytical Method	CAS Number	Analyte	Concentration	Validation Q	Reporting Limit	Units
FBA Channel Catfish-Composite	03-Nov-03	Composite	Site	8270C	7005-72-3	4-Chlorophenylphenyl ether	510	U	510	ug/kg
FBA Channel Catfish-Composite	03-Nov-03	Composite	Site	8270C	106-01-8	4-Nitroaniline	2600	U	2600	ug/kg
FBA Channel Catfish-Composite	03-Nov-03	Composite	Site	8270C	100-02-7	4-Nitrophenol	2600	U	2600	ug/kg
FBA Channel Catfish-Composite	03-Nov-03	Composite	Site	8270C	83-32-9	Acenaphthene	510	U	510	ug/kg
FBA Channel Catfish-Composite	03-Nov-03	Composite	Site	8270C	208-96-8	Acenaphthylene	510	U	510	ug/kg
FBA Channel Catfish-Composite	03-Nov-03	Composite	Site	8270C	120-12-7	Anthracene	510	U	510	ug/kg
FBA Channel Catfish-Composite	03-Nov-03	Composite	Site	8270C	56-55-3	Benzo(a)anthracene	510	U	510	ug/kg
FBA Channel Catfish-Composite	03-Nov-03	Composite	Site	8270C	50-32-8	Benzo(a)pyrene	510	U	510	ug/kg
FBA Channel Catfish-Composite	03-Nov-03	Composite	Site	8270C	205-99-2	Benzo(b)fluoranthene	510	U	510	ug/kg
FBA Channel Catfish-Composite	03-Nov-03	Composite	Site	8270C	191-24-2	Benzo(g,h,i)perylene	510	U	510	ug/kg
FBA Channel Catfish-Composite	03-Nov-03	Composite	Site	8270C	207-08-9	Benzo(k)fluoranthene	510	U	510	ug/kg
FBA Channel Catfish-Composite	03-Nov-03	Composite	Site	8270C	111-91-1	bis(2-Chloroethoxy)methane	510	U	510	ug/kg
FBA Channel Catfish-Composite	03-Nov-03	Composite	Site	8270C	111-44-4	bis(2-Chloroethyl)ether	510	U	510	ug/kg
FBA Channel Catfish-Composite	03-Nov-03	Composite	Site	8270C	117-81-7	bis(2-Ethylhexyl)phthalate	510	U	510	ug/kg
FBA Channel Catfish-Composite	03-Nov-03	Composite	Site	8270C	85-68-7	Butylbenzylphthalate	510	U	510	ug/kg
FBA Channel Catfish-Composite	03-Nov-03	Composite	Site	8270C	85-74-8	Carbazole	510	U	510	ug/kg
FBA Channel Catfish-Composite	03-Nov-03	Composite	Site	8270C	218-01-9	Chrysene	510	U	510	ug/kg
FBA Channel Catfish-Composite	03-Nov-03	Composite	Site	8270C	84-74-2	Di-n-butylphthalate	510	U	510	ug/kg
FBA Channel Catfish-Composite	03-Nov-03	Composite	Site	8270C	117-84-0	Di-n-octylphthalate	510	U	510	ug/kg
FBA Channel Catfish-Composite	03-Nov-03	Composite	Site	8270C	53-70-3	Dibenz(a,h)anthracene	510	U	510	ug/kg
FBA Channel Catfish-Composite	03-Nov-03	Composite	Site	8270C	132-64-9	Dibenzofuran	510	U	510	ug/kg
FBA Channel Catfish-Composite	03-Nov-03	Composite	Site	8270C	84-66-2	Diethylphthalate	510	U	510	ug/kg
FBA Channel Catfish-Composite	03-Nov-03	Composite	Site	8270C	131-11-3	Dimethylphthalate	510	U	510	ug/kg
FBA Channel Catfish-Composite	03-Nov-03	Composite	Site	8270C	206-44-0	Fluoranthene	510	U	510	ug/kg
FBA Channel Catfish-Composite	03-Nov-03	Composite	Site	8270C	86-73-7	Fluorene	510	U	510	ug/kg
FBA Channel Catfish-Composite	03-Nov-03	Composite	Site	8270C	118-74-1	Hexachlorobenzene	510	U	510	ug/kg
FBA Channel Catfish-Composite	03-Nov-03	Composite	Site	8270C	87-68-3	Hexachlorobutadiene	510	U	510	ug/kg
FBA Channel Catfish-Composite	03-Nov-03	Composite	Site	8270C	77-47-4	Hexachlorocyclopentadiene	510	U	510	ug/kg
FBA Channel Catfish-Composite	03-Nov-03	Composite	Site	8270C	67-72-1	Hexachloroethane	510	U	510	ug/kg
FBA Channel Catfish-Composite	03-Nov-03	Composite	Site	8270C	193-39-5	Indeno(1,2,3-cd)pyrene	510	U	510	ug/kg
FBA Channel Catfish-Composite	03-Nov-03	Composite	Site	8270C	78-59-1	Isophorone	510	U	510	ug/kg
FBA Channel Catfish-Composite	03-Nov-03	Composite	Site	8270C	621-64-7	N-Nitroso-di-n-propylamine	510	U	510	ug/kg
FBA Channel Catfish-Composite	03-Nov-03	Composite	Site	8270C	86-30-6	N-Nitrosodiphenylamine	510	U	510	ug/kg
FBA Channel Catfish-Composite	03-Nov-03	Composite	Site	8270C	91-20-3	Naphthalene	510	U	510	ug/kg
FBA Channel Catfish-Composite	03-Nov-03	Composite	Site	8270C	98-95-3	Nitrobenzene	510	U	510	ug/kg
FBA Channel Catfish-Composite	03-Nov-03	Composite	Site	8270C	87-86-5 (PCP)	Pentachlorophenol (PCP)	2600	U	2600	ug/kg
FBA Channel Catfish-Composite	03-Nov-03	Composite	Site	8270C	85-01-8	Phenanthrene	510	U	510	ug/kg
FBA Channel Catfish-Composite	03-Nov-03	Composite	Site	8270C	108-95-2	Phenol	510	U	510	ug/kg
FBA Channel Catfish-Composite	03-Nov-03	Composite	Site	8270C	129-00-0	Pyrene	510	U	510	ug/kg
FBA Channel Catfish-Composite	27-Oct-03	Composite	Site	% Lipids	% Lipids	% Lipids	10			%
FBA Channel Catfish-Composite	27-Oct-03	Composite	Site	1613B	3268-87-9	1,2,3,4,6,7,8,9-OCDD	9		0.2	ng/kg
FBA Channel Catfish-Composite	27-Oct-03	Composite	Site	1613B	39001-02-0	1,2,3,4,6,7,8,9-OCDF	0.23	U	0.2	ng/kg
FBA Channel Catfish-Composite	27-Oct-03	Composite	Site	1613B	35822-46-9	1,2,3,4,6,7,8-HpCDD	4.1		0.1	ng/kg
FBA Channel Catfish-Composite	27-Oct-03	Composite	Site	1613B	67562-39-4	1,2,3,4,6,7,8-HpCDF	0.48	UJ	0.08	ng/kg
FBA Channel Catfish-Composite	27-Oct-03	Composite	Site	1613B	55673-89-7	1,2,3,4,7,8,9-HpCDF	0.1	UJ	0.1	ng/kg
FBA Channel Catfish-Composite	27-Oct-03	Composite	Site	1613B	39227-28-6	1,2,3,4,7,8-HxCDD	0.3	J	0.09	ng/kg
FBA Channel Catfish-Composite	27-Oct-03	Composite	Site	1613B	70648-26-9	1,2,3,4,7,8-HxCDF	0.48	J	0.06	ng/kg
FBA Channel Catfish-Composite	27-Oct-03	Composite	Site	1613B	57653-85-7	1,2,3,6,7,8-HxCDD	1.2	J	0.09	ng/kg
FBA Channel Catfish-Composite	27-Oct-03	Composite	Site	1613B	57117-44-9	1,2,3,6,7,8-HxCDF	0.17	J	0.08	ng/kg
FBA Channel Catfish-Composite	27-Oct-03	Composite	Site	1613B	19408-74-3	1,2,3,7,8,9-HxCDD	0.33	J	0.09	ng/kg
FBA Channel Catfish-Composite	27-Oct-03	Composite	Site	1613B	72918-21-9	1,2,3,7,8,9-HxCDF	0.08	UJ	0.08	ng/kg
FBA Channel Catfish-Composite	27-Oct-03	Composite	Site	1613B	40321-76-4	1,2,3,7,8-PeCDD	0.04	J	0.05	ng/kg
FBA Channel Catfish-Composite	27-Oct-03	Composite	Site	1613B	57117-41-6	1,2,3,7,8-PeCDF	0.07	UJ	0.07	ng/kg
FBA Channel Catfish-Composite	27-Oct-03	Composite	Site	1613B	60851-34-5	2,3,4,6,7,8-HxCDF	0.32	J	0.07	ng/kg
FBA Channel Catfish-Composite	27-Oct-03	Composite	Site	1613B	57117-31-4	2,3,4,7,8-PeCDF	0.04	J	0.07	ng/kg
FBA Channel Catfish-Composite	27-Oct-03	Composite	Site	1613B	1746-01-6	2,3,7,8-TCDD	0.08		0.05	ng/kg
FBA Channel Catfish-Composite	27-Oct-03	Composite	Site	1613B	51207-31-9	2,3,7,8-TCDF	1.2		0.07	ng/kg
FBA Channel Catfish-Composite	27-Oct-03	Composite	Site	1613B	35822-46-9	Total HpCDD	4.3		0.1	ng/kg
FBA Channel Catfish-Composite	27-Oct-03	Composite	Site	1613B	38998-75-3	Total HpCDF	0.48	UJ	0.09	ng/kg
FBA Channel Catfish-Composite	27-Oct-03	Composite	Site	1613B	34465-46-8	Total HxCDD	2.8	J	0.09	ng/kg
FBA Channel Catfish-Composite	27-Oct-03	Composite	Site	1613B	55684-94-1	Total HxCDF	7.7	J	0.07	ng/kg
FBA Channel Catfish-Composite	27-Oct-03	Composite	Site	1613B	36088-22-9	Total PeCDD	3.3	J	0.05	ng/kg
FBA Channel Catfish-Composite	27-Oct-03	Composite	Site	1613B	30402-15-4	Total PeCDF	31.4	J	0.07	ng/kg
FBA Channel Catfish-Composite	27-Oct-03	Composite	Site	1613B	41903-57-5	Total TCDD	1.1	J	0.05	ng/kg
FBA Channel Catfish-Composite	27-Oct-03	Composite	Site	1613B	55722-27-5	Total TCDF	69.6	J	0.07	ng/kg
FBA Channel Catfish-Composite	27-Oct-03	Composite	Site	8151	93-76-5	2,4,5-T	8.3	U	8.3	ug/kg
FBA Channel Catfish-Composite	27-Oct-03	Composite	Site	8151	93-72-1	2,4,5-TP (Silvex)	8.3	U	8.3	ug/kg
FBA Channel Catfish-Composite	27-Oct-03	Composite	Site	8151	94-75-7	2,4-D	8.3	U	8.3	ug/kg
FBA Channel Catfish-Composite	27-Oct-03	Composite	Site	8151	94-82-6	2,4-DB	8.3	U	8.3	ug/kg
FBA Channel Catfish-Composite	27-Oct-03	Composite	Site	8151	75-99-0	Dalapon	2000	U	2000	ug/kg
FBA Channel Catfish-Composite	27-Oct-03	Composite	Site	8151	1918-00-9	Dicamba	20	U	20	ug/kg
FBA Channel Catfish-Composite	27-Oct-03	Composite	Site	8151	120-36-5	Dichloroprop	100	U	100	ug/kg
FBA Channel Catfish-Composite	27-Oct-03	Composite	Site	8151	88-85-7	Dinoseb	100	U	100	ug/kg
FBA Channel Catfish-Composite	27-Oct-03	Composite	Site	8151	94-74-6	MCPA[(4-chloro-2-methylphenoxy)-acetic acid]	2000	U	2000	ug/kg
FBA Channel Catfish-Composite	27-Oct-03	Composite	Site	8151	7085-19-0	MCPP[(+-(4-chloro-2-methylphenoxy)-propanoic acid)]	2000	J	2000	ug/kg
FBA Channel Catfish-Composite	27-Oct-03	Composite	Site	8151	87-86-5	Pentachlorophenol	34	U	17	ug/kg
FBA Channel Catfish-Composite	27-Oct-03	Composite	Site	8081	2051-24-3	Decachlorobiphenyl	50	U	50	ug/kg
FBA Channel Catfish-Composite	27-Oct-03	Composite	Site	8081	C4DICHLOROBI	Dichlorobiphenyl	10	U	10	ug/kg
FBA Channel Catfish-Composite	27-Oct-03	Composite	Site	8081	C4HEPTACHLOR	Heptachlorobiphenyl	30	U	30	ug/kg
FBA Channel Catfish-Composite	27-Oct-03	Composite	Site	8081	C4HEXACHLORO	Hexachlorobiphenyl	20	U	20	ug/kg
FBA Channel Catfish-Composite	27-Oct-03	Composite	Site	8081	C4MONOCHLORO	Monochlorobiphenyl	10	U	10	ug/kg
FBA Channel Catfish-Composite	27-Oct-03	Composite	Site	8081	C4PENTACHLORO	Pentachlorobiphenyl	50	U	50	ug/kg

Appendix II-H
Results of Chemical Analysis of Fish Tissue Collected from Mississippi River near Sauget Area 2 Sites (Krummrich Data)

Sample ID	Sample Date	Sample Type 1	Sample Type 3	Analytical Method	CAS Number	Analyte	Concentration	Validation Q	Reporting Limit	Units
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	680	C-OCTA-BIPHE	Octachlorobiphenyl	30	U	30	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	680	C-PENTBIPHEN	Pentachlorobiphenyl	20	U	20	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	680	C-TETRACHLOR	Tetrachlorobiphenyl	20	U	20	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	680	C-TOTAL-PCB	Total Polychlorinated Biphenyls	50	U	50	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	680	C-TRICHLOROB	Trichlorobiphenyl	10	U	10	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8081A	72-54-8	4,4'-DDD	25	U	25	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8081A	72-55-9	4,4'-DDE	20	J	25	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8081A	50-29-3	4,4'-DDT	25	U	25	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8081A	309-00-2	Aldrin	25	U	25	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8081A	319-84-6	alpha-BHC	25	U	25	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8081A	5103-71-9	alpha-Chlordane	3.8	J	25	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8081A	319-85-7	beta-BHC	25	U	25	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8081A	319-86-8	delta-BHC	25	U	25	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8081A	60-57-1	Dieldrin	9.5	J	25	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8081A	959-98-8	Endosulfan I	25	U	25	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8081A	33213-65-9	Endosulfan II	25	U	25	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8081A	1031-07-8	Endosulfan sulfate	25	U	25	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8081A	72-20-8	Endrin	15	J	25	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8081A	7421-93-4	Endrin aldehyde	6.4	J	25	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8081A	53494-70-5	Endrin ketone	25	U	25	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8081A	58-89-9	gamma-BHC (Lindane)	25	U	25	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8081A	5103-74-2	gamma-Chlordane	25	U	25	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8081A	76-44-8	Heptachlor	25	U	25	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8081A	1024-57-3	Heptachlor epoxide	3.4	J	25	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8081A	72-43-5	Methoxychlor	100	U	100	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8081A	8001-35-2	Toxaphene	880	U	880	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	87-61-6	1,2,3-Trichlorobenzene	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	120-82-1	1,2,4-Trichlorobenzene	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	95-50-1	1,2-Dichlorobenzene	210	J	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	108-70-3	1,3,5-Trichlorobenzene	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	541-73-1	1,3-Dichlorobenzene	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	106-46-7	1,4-Dichlorobenzene	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	108-60-1	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	15950-66-0	2,3,4-Trichlorophenol	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	933-78-8	2,3,5-Trichlorophenol	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	933-7-5	2,3,6-Trichlorophenol	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	95-95-4	2,4,5-Trichlorophenol	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	88-06-2	2,4,6-Trichlorophenol	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	120-83-2	2,4-Dichlorophenol	190	J	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	105-67-9	2,4-Dimethylphenol	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	51-28-5	2,4-Dinitrophenol	2500	U	2500	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	121-14-2	2,4-Dinitrotoluene	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	606-20-2	2,6-Dinitrotoluene	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	91-58-7	2-Chloronaphthalene	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	95-57-8	2-Chlorophenol	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	91-57-6	2-Methylnaphthalene	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	95-48-7	2-Methylphenol (o-Cresol)	180	J	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	88-74-4	2-Nitroaniline	2500	U	2500	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	88-75-5	2-Nitrophenol	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	91-94-1	3,3'-Dichlorobenzidine	2000	U	2000	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	609-19-8	3,4,5-Trichlorophenol	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	108-44-5	3-Methylphenol/4-Methylphenol (m&p-Cresol)	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	99-09-2	3-Nitroaniline	2500	U	2500	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	534-52-1	4,6-Dinitro-2-methylphenol	2500	U	2500	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	101-55-3	4-Bromophenylphenyl ether	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	59-50-7	4-Chloro-3-methylphenol	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	106-47-8	4-Chloroaniline	990	U	990	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	7005-72-3	4-Chlorophenylphenyl ether	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	100-01-6	4-Nitroaniline	2500	U	2500	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	100-02-7	4-Nitrophenol	2500	U	2500	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	83-32-9	Acenaphthene	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	208-96-8	Acenaphthylene	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	120-12-7	Anthracene	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	56-55-3	Benzo(a)anthracene	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	50-32-8	Benzo(a)pyrene	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	205-99-2	Benzo(b)fluoranthene	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	191-24-2	Benzo(g,h,i)perylene	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	207-08-9	Benzo(k)fluoranthene	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	111-91-1	bis(2-Chloroethoxy)methane	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	111-44-4	bis(2-Chloroethyl)ether	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	117-81-7	bis(2-Ethylhexyl)phthalate	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	85-68-7	Butylbenzylphthalate	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	86-74-8	Carbazole	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	218-01-9	Chrysene	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	84-74-2	Di-n-butylphthalate	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	117-84-0	Di-n-octylphthalate	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	53-70-3	Dibenzo(a,h)anthracene	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	132-64-9	Dibenzofuran	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	84-66-2	Diethylphthalate	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	131-11-3	Dimethylphthalate	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	206-44-0	Fluoranthene	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	86-73-7	Fluorene	510	U	510	ug/kg
PDA Channel Catfish-Comp#2	27-Oct-00	Composite	Site	8270C	118-74-1	Hexachlorobenzene	510	U	510	ug/kg

Appendix II-H
Results of Chemical Analysis of Fish Tissue Collected from Mississippi River near Sauget Area 2 Sites (Krummrich Data)

Sample ID	Sample Date	Sample Type 1	Sample Type 2	Analytical Method	CAS Number	Analyte	Concentration	Validation Q	Reporting Limit	Units
FDA Channel Catfish-Comp#2	27-Oct-[illegible]	Composite	[illegible]	8270C	87-68-3	Hexachlorobutadiene	510	U	510	ug/kg
FDA Channel Catfish-Comp#2	27-Oct-[illegible]	Composite	[illegible]	8270C	77-47-4	Hexachlorocyclopentadiene	510	U	510	ug/kg
FDA Channel Catfish-Comp#2	27-Oct-[illegible]	Composite	[illegible]	8270C	67-72-1	Hexachloroethane	510	U	510	ug/kg
FDA Channel Catfish-Comp#2	27-Oct-[illegible]	Composite	[illegible]	8270C	193-39-5	Indeno(1,2,3-cd)pyrene	510	U	510	ug/kg
FDA Channel Catfish-Comp#2	27-Oct-[illegible]	Composite	[illegible]	8270C	78-59-1	Isophorone	510	U	510	ug/kg
FDA Channel Catfish-Comp#2	27-Oct-[illegible]	Composite	[illegible]	8270C	621-64-7	N-Nitroso-di-n-propylamine	510	U	510	ug/kg
FDA Channel Catfish-Comp#2	27-Oct-[illegible]	Composite	[illegible]	8270C	86-30-6	N-Nitrosodiphenylamine	510	U	510	ug/kg
FDA Channel Catfish-Comp#2	27-Oct-[illegible]	Composite	[illegible]	8270C	91-20-3	Naphthalene	510	U	510	ug/kg
FDA Channel Catfish-Comp#2	27-Oct-[illegible]	Composite	[illegible]	8270C	98-95-3	Nitrobenzene	510	U	510	ug/kg
FDA Channel Catfish-Comp#2	27-Oct-[illegible]	Composite	[illegible]	8270C	87-86-5 (SVOC)	Pentachlorophenol (SVOC)	2500	U	2500	ug/kg
FDA Channel Catfish-Comp#2	27-Oct-[illegible]	Composite	[illegible]	8270C	85-01-8	Phenanthrene	510	U	510	ug/kg
FDA Channel Catfish-Comp#2	27-Oct-[illegible]	Composite	[illegible]	8270C	108-95-2	Phenol	510	U	510	ug/kg
FDA Channel Catfish-Comp#2	27-Oct-[illegible]	Composite	[illegible]	8270C	129-00-0	Pyrene	510	U	510	ug/kg
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	% Lipids	% Lipids	% Lipids	7			%
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	3268-87-9	1,2,3,4,6,7,8,9-OCDD	18.6		0.08	pg/g
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	39001-02-0	1,2,3,4,6,7,8,9-OCDF	0.23	U	0.06	pg/g
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	35822-46-9	1,2,3,4,6,7,8-HpCDD	4		0.05	pg/g
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	67562-39-4	1,2,3,4,6,7,8-HpCDF	0.88	UJ	0.08	pg/g
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	55673-89-7	1,2,3,4,7,8,9-HpCDF	0.04	UJ	0.04	pg/g
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	39227-28-6	1,2,3,4,7,8-HxCDD	0.3	J	0.04	pg/g
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	70648-26-9	1,2,3,4,7,8-HxCDF	0.28	U	0.02	pg/g
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	57653-85-7	1,2,3,6,7,8-HxCDD	1.1	J	0.04	pg/g
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	57117-44-9	1,2,3,6,7,8-HxCDF	0.1	UJ	0.02	pg/g
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	19408-74-3	1,2,3,7,8,9-HxCDD	0.55	J	0.04	pg/g
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	72918-21-9	1,2,3,7,8,9-HxCDF	0.08	UJ	0.05	pg/g
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	40321-76-4	1,2,3,7,8-PeCDD	0.42	J	0.05	pg/g
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	57117-41-6	1,2,3,7,8-PeCDF	0.08	UJ	0.08	pg/g
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	60851-34-5	2,3,4,6,7,8-HxCDF	0.16	J	0.05	pg/g
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	57117-31-4	2,3,4,7,8-PeCDF	0.35	J	0.05	pg/g
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	1746-01-6	2,3,7,8-TCDD	0.37	J	0.08	pg/g
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	51207-31-9	2,3,7,8-TCDF	0.94		0.08	pg/g
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	37871-00-4	Total HpCDD	4.2		0.05	pg/g
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	38998-75-3	Total HpCDF	2.1	J	0.04	pg/g
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	34465-46-8	Total HxCDD	2.4	J	0.04	pg/g
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	55684-94-1	Total HxCDF	15.3	J	0.08	pg/g
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	36088-22-9	Total PeCDD	1.9	J	0.05	pg/g
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	30402-15-4	Total PeCDF	41.8	J	0.08	pg/g
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	41903-57-5	Total TCDD	0.88	J	0.08	pg/g
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	55722-27-5	Total TCDF	16	J	0.08	pg/g
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	93-76-5	2,4,5-T	8.3	U	8.3	ug/kg
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	93-72-1	2,4,5-TP (Silvex)	8.3	U	8.3	ug/kg
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	94-75-7	2,4-D	8.3	U	8.3	ug/kg
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	94-82-6	2,4-DB	8.3	U	8.3	ug/kg
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	75-99-0	Dalapon	2000	U	2000	ug/kg
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	1918-00-9	Dicamba	20	U	20	ug/kg
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	120-36-5	Dichlorprop	100	U	100	ug/kg
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	88-85-7	Dinoseb	100	U	100	ug/kg
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	94-74-6	MCPA([4-chloro-2-methylphenoxy]-acetic acid)	2000	U	2000	ug/kg
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	7085-19-0	MCPP([2-(4-chloro-2-methylphenoxy]-propanoic acid)	2000	U	2000	ug/kg
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	87-86-5	Pentachlorophenol	17	U	17	ug/kg
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	2051-24-3	Decachlorobiphenyl	50	U	50	ug/kg
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	C-DICHLOROB	Dichlorobiphenyl	10	U	10	ug/kg
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	C-HEPTACHLOR	Heptachlorobiphenyl	30	U	30	ug/kg
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	C-HEXACHLORO	Hexachlorobiphenyl	20	U	20	ug/kg
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	C-MONOCHLORO	Monochlorobiphenyl	10	U	10	ug/kg
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	C-NONACHLORO	Nonachlorobiphenyl	50	U	50	ug/kg
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	C-OCTA-BIPHE	Octachlorobiphenyl	30	U	30	ug/kg
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	C-PENTBIPHEN	Pentachlorobiphenyl	20	U	20	ug/kg
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	C-TETRACHLOR	Tetrachlorobiphenyl	20	U	20	ug/kg
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	C-TOTAL-PCB	Total Polychlorinated Biphenyls	50	U	50	ug/kg
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	C-TRICHLOROB	Trichlorobiphenyl	10	U	10	ug/kg
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	72-54-8	4,4'-DDD	25	U	25	ug/kg
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	72-55-9	4,4'-DDE	25		25	ug/kg
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	50-29-3	4,4'-DDT	25	U	25	ug/kg
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	309-00-2	Aldrin	25	U	25	ug/kg
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	319-84-6	alpha-BHC	25	U	25	ug/kg
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	5103-71-9	alpha-Chlordane	25	U	25	ug/kg
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	319-85-7	beta-BHC	25	U	25	ug/kg
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	319-86-8	delta-BHC	25	U	25	ug/kg
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	60-57-1	Dieldrin	11	J	25	ug/kg
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	959-98-8	Endosulfan I	25	U	25	ug/kg
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	33213-65-9	Endosulfan II	25	U	25	ug/kg
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	1031-07-8	Endosulfan sulfate	25	U	25	ug/kg
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	72-20-8	Endrin	25	U	25	ug/kg
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	7421-93-4	Endrin aldehyde	25	U	25	ug/kg
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	53494-70-5	Endrin ketone	25	U	25	ug/kg
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	58-89-9	gamma-BHC (Lindane)	25	U	25	ug/kg
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	5103-74-2	gamma-Chlordane	3.4	J	25	ug/kg
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	76-44-8	Heptachlor	25	U	25	ug/kg
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	1024-57-3	Heptachlor epoxide	25	U	25	ug/kg
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	72-43-5	Methoxychlor	100	U	100	ug/kg
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	[illegible]	8001-35-2	Toxaphene	880	U	880	ug/kg
FDA Channel Catfish-Comp#3	[illegible]	Composite	[illegible]	8270C	87-61-6	1,2,3-Trichlorobenzene	510	U	510	ug/kg

Sample ID	Sample Date	Sample Type 1	Sample Type 3	Analytical Method	CAS Number	Analyte	Concentration	Validation Q	Reporting Limit	Units
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	120-82-1	1,2,4-Trichlorobenzene	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	95-50-1	1,2-Dichlorobenzene	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	108-70-3	1,3,5-Trichlorobenzene	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	541-73-1	1,3-Dichlorobenzene	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	106-46-7	1,4-Dichlorobenzene	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	108-60-1	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	15950-66-0	2,3,4-Trichlorophenol	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	933-78-8	2,3,5-Trichlorophenol	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	933-7-5	2,3,6-Trichlorophenol	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	95-95-4	2,4,5-Trichlorophenol	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	88-06-2	2,4,6-Trichlorophenol	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	120-83-2	2,4-Dichlorophenol	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	105-67-9	2,4-Dimethylphenol	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	51-28-5	2,4-Dinitrophenol	2500	U	2500	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	121-14-2	2,4-Dinitrotoluene	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	606-20-2	2,6-Dinitrotoluene	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	91-58-7	2-Chloronaphthalene	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	95-57-8	2-Chlorophenol	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	91-57-6	2-Methylnaphthalene	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	95-48-7	2-Methylphenol (o-Cresol)	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	88-74-4	2-Nitroaniline	2500	U	2500	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	88-75-5	2-Nitrophenol	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	91-94-1	3,3'-Dichlorobenzidine	2000	U	2000	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	609-19-8	3,4,5-Trichlorophenol	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	108-44-5	3-Methylphenol/4-Methylphenol (m&p-Cresol)	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	99-09-2	3-Nitroaniline	2500	U	2500	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	534-52-1	4,6-Dinitro-2-methylphenol	2500	U	2500	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	101-55-3	4-Bromophenylphenyl ether	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	59-50-7	4-Chloro-3-methylphenol	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	106-47-8	4-Chloroaniline	990	U	990	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	7005-72-3	4-Chlorophenylphenyl ether	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	100-01-6	4-Nitroaniline	2500	U	2500	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	100-02-7	4-Nitrophenol	2500	U	2500	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	83-32-9	Acenaphthene	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	208-96-8	Acenaphthylene	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	120-12-7	Anthracene	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	56-55-3	Benzo(a)anthracene	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	50-32-8	Benzo(a)pyrene	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	205-99-2	Benzo(b)fluoranthene	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	191-24-2	Benzo(g,h,i)perylene	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	207-08-9	Benzo(k)fluoranthene	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	111-91-1	bis(2-Chloroethoxy)methane	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	111-44-4	bis(2-Chloroethyl)ether	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	117-81-7	bis(2-Ethylhexyl)phthalate	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	85-68-7	Butylbenzylphthalate	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	86-74-8	Carbazole	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	218-01-9	Chrysene	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	84-74-2	Di-n-butylphthalate	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	117-84-0	Di-n-octylphthalate	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	53-70-3	Dibenzo(a,h)anthracene	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	132-64-9	Dibenzofuran	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	84-66-2	Diethylphthalate	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	131-11-3	Dimethylphthalate	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	206-44-0	Fluoranthene	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	86-73-7	Fluorene	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	118-74-1	Hexachlorobenzene	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	87-68-3	Hexachlorobutadiene	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	77-47-4	Hexachlorocyclopentadiene	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	67-72-1	Hexachloroethane	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	193-39-5	Indeno(1,2,3-cd)pyrene	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	78-59-1	Isophorone	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	621-64-7	N-Nitroso-di-n-propylamine	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	86-30-6	N-Nitrosodiphenylamine	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	91-20-3	Naphthalene	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	98-95-3	Nitrobenzene	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	87-86-5 (SVOC)	Pentachlorophenol (SVOC)	2500	U	2500	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	85-01-8	Phenanthrene	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	108-95-2	Phenol	510	U	510	ug/kg
PDA Channel Catfish-Comp#3	03-Nov-00	Composite	Site	8270C	129-00-0	Pyrene	510	U	510	ug/kg
PDA Comp#1 Shed	27-Oct-00	Composite	Site	% Lipids	% Lipids	% Lipids	17			%
PDA Comp#1 Shed	27-Oct-00	Composite	Site	SW8290	3268-87-9	1,2,3,4,6,7,8,9-OCDD	6.8		0.1	pg/g
PDA Comp#1 Shed	27-Oct-00	Composite	Site	SW8290	39001-02-0	1,2,3,4,6,7,8,9-OCDF	0.72	U	0.1	pg/g
PDA Comp#1 Shed	27-Oct-00	Composite	Site	SW8290	35822-46-9	1,2,3,4,6,7,8-HpCDD	1.3	J	0.08	pg/g
PDA Comp#1 Shed	27-Oct-00	Composite	Site	SW8290	67562-39-4	1,2,3,4,6,7,8-HpCDF	0.05	UJ	0.05	pg/g
PDA Comp#1 Shed	27-Oct-00	Composite	Site	SW8290	55673-89-7	1,2,3,4,7,8,9-HpCDF	0.07	UJ	0.07	pg/g
PDA Comp#1 Shed	27-Oct-00	Composite	Site	SW8290	39227-28-6	1,2,3,4,7,8-HxCDD	0.1	U	0.07	pg/g
PDA Comp#1 Shed	27-Oct-00	Composite	Site	SW8290	70648-26-9	1,2,3,4,7,8-HxCDF	0.25	U	0.04	pg/g
PDA Comp#1 Shed	27-Oct-00	Composite	Site	SW8290	57653-85-7	1,2,3,6,7,8-HxCDD	0.46	J	0.07	pg/g
PDA Comp#1 Shed	27-Oct-00	Composite	Site	SW8290	57117-44-9	1,2,3,6,7,8-HxCDF	0.07	U	0.04	pg/g
PDA Comp#1 Shed	27-Oct-00	Composite	Site	SW8290	19408-74-3	1,2,3,7,8,9-HxCDD	0.24	J	0.07	pg/g
PDA Comp#1 Shed	27-Oct-00	Composite	Site	SW8290	72918-21-9	1,2,3,7,8,9-HxCDF	0.06	UJ	0.06	pg/g
PDA Comp#1 Shed	27-Oct-00	Composite	Site	SW8290	40321-76-4	1,2,3,7,8-PeCDD	0.32	J	0.06	pg/g
PDA Comp#1 Shed	27-Oct-00	Composite	Site	SW8290	57117-41-6	1,2,3,7,8-PeCDF	0.13	UJ	0.04	pg/g

Results of Chemical Analysis of Fish Tissue Collected from Mississippi River near Sauget Area 2 Sites (Krummrich Data)

Sample ID	Sample Date	Sample Type 1	Sample Type 2	Analytical Method	CAS Number	Analyte	Concentration	Validation Q	Reporting Limit	Units
FDA Compsit Shad	27-Oct-00	Composite	Site	SW8290	60851-34-5	2,3,4,6,7,8-HxCDF	0.12	U	0.05	pg/g
FDA Compsit Shad	27-Oct-00	Composite	Site	SW8290	57117-31-4	2,3,4,7,8-PeCDF	0.19	J	0.04	pg/g
FDA Compsit Shad	27-Oct-00	Composite	Site	SW8290	1746-01-6	2,3,7,8-TCDD	0.28	J	0.04	pg/g
FDA Compsit Shad	27-Oct-00	Composite	Site	SW8290	51207-31-9	2,3,7,8-TCDF	0.62		0.04	pg/g
FDA Compsit Shad	27-Oct-00	Composite	Site	SW8290	37871-00-4	Total HpCDD	1.6		0.08	pg/g
FDA Compsit Shad	27-Oct-00	Composite	Site	SW8290	38998-75-3	Total HpCDF	0.5	J	0.06	pg/g
FDA Compsit Shad	27-Oct-00	Composite	Site	SW8290	34465-46-8	Total HxCDD	1.3	UJ	0.07	pg/g
FDA Compsit Shad	27-Oct-00	Composite	Site	SW8290	55684-94-1	Total HxCDF	5	J	0.05	pg/g
FDA Compsit Shad	27-Oct-00	Composite	Site	SW8290	36088-22-9	Total PeCDD	2.5	J	0.08	pg/g
FDA Compsit Shad	27-Oct-00	Composite	Site	SW8290	30402-15-4	Total PeCDF	28.9	J	0.04	pg/g
FDA Compsit Shad	27-Oct-00	Composite	Site	SW8290	41903-57-5	Total TCDD	2.8	J	0.04	pg/g
FDA Compsit Shad	27-Oct-00	Composite	Site	SW8290	55722-27-5	Total TCDF	35.1	J	0.04	pg/g
FDA Compsit Shad	27-Oct-00	Composite	Site	8151	93-76-5	2,4,5-T	8.3	U	8.3	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8151	93-72-1	2,4,5-TP (Silvex)	4.9	J	8.3	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8151	94-75-7	2,4-D	8.3	U	8.3	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8151	94-82-6	2,4-DB	8.3	U	8.3	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8151	75-99-0	Dalapon	2000	U	2000	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8151	1918-00-9	Dicamba	20	U	20	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8151	120-36-5	Dichloroprop	100	U	100	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8151	88-85-7	Dinoseb	100	U	100	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8151	94-74-6	MCPA [(4-chloro-2-methylphenoxy)-acetic acid]	2000	U	2000	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8151	7085-19-0	MCPP [2-(4-chloro-2-methylphenoxy)-propanoic acid]	3400	J	2000	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8151	87-86-5	Pentachlorophenol	17	U	17	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	680	2051-24-3	Decachlorobiphenyl	50	U	50	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	680	C-DICHLOROBI	Dichlorobiphenyl	10	U	10	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	680	C-HEPTACHLOR	Heptachlorobiphenyl	30	U	30	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	680	C-HEXACHLORO	Hexachlorobiphenyl	20	U	20	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	680	C-MONOCHLORO	Monochlorobiphenyl	10	U	10	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	680	C-NONACHLORO	Nonachlorobiphenyl	50	U	50	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	680	C-OCTA-BIPHE	Octachlorobiphenyl	30	U	30	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	680	C-PENTABIPHEN	Pentachlorobiphenyl	20	U	20	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	680	C-TETRACHLOR	Tetrachlorobiphenyl	20	U	20	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	680	C-TOTAL-PCB	Total Polychlorinated Biphenyls	50	U	50	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	680	C-TRICHLOROB	Trichlorobiphenyl	10	U	10	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8081A	72-54-8	4,4'-DDD	25	UJ	25	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8081A	72-55-9	4,4'-DDE	25	UJ	25	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8081A	50-29-3	4,4'-DDT	25	UJ	25	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8081A	309-00-2	Aldrin	25	UJ	25	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8081A	319-84-6	alpha-BHC	2.6	J	25	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8081A	5103-71-9	alpha-Chlordane	25	UJ	25	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8081A	319-85-7	beta-BHC	25	UJ	25	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8081A	319-86-8	delta-BHC	25	UJ	25	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8081A	60-57-1	Dieldrin	25	UJ	25	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8081A	959-98-8	Endosulfan I	25	UJ	25	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8081A	33213-65-9	Endosulfan II	25	UJ	25	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8081A	1031-07-8	Endosulfan sulfate	25	UJ	25	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8081A	72-20-8	Endrin	25	UJ	25	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8081A	7421-93-4	Endrin aldehyde	25	UJ	25	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8081A	53494-70-5	Endrin ketone	25	UJ	25	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8081A	58-89-9	gamma-BHC (Lindane)	25	UJ	25	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8081A	5103-74-2	gamma-Chlordane	25	UJ	25	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8081A	76-44-8	Heptachlor	25	UJ	25	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8081A	1024-57-3	Heptachlor epoxide	25	UJ	25	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8081A	72-43-5	Methoxychlor	100	UJ	100	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8081A	8001-35-2	Toxaphene	800	UJ	800	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8270C	87-61-6	1,2,3-Trichlorobenzene	310	U	310	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8270C	120-82-1	1,2,4-Trichlorobenzene	310	U	310	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8270C	95-50-1	1,2-Dichlorobenzene	100	J	310	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8270C	108-70-3	1,3,5-Trichlorobenzene	310	U	310	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8270C	541-73-1	1,3-Dichlorobenzene	310	U	310	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8270C	106-46-7	1,4-Dichlorobenzene	310	U	310	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8270C	108-60-1	2,2'-Oxybis(1-Chloropropane) [bis-2-chloroisopropyl ether]	310	U	310	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8270C	15950-66-0	2,3,4-Trichlorophenol	310	U	310	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8270C	933-78-8	2,3,5-Trichlorophenol	310	U	310	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8270C	933-75-5	2,3,6-Trichlorophenol	310	U	310	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8270C	95-95-4	2,4,5-Trichlorophenol	310	U	310	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8270C	88-06-2	2,4,6-Trichlorophenol	310	U	310	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8270C	120-83-2	2,4-Dichlorophenol	100	J	310	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8270C	105-67-9	2,4-Dimethylphenol	310	U	310	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8270C	51-28-5	2,4-Dinitrophenol	2000	U	2000	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8270C	121-14-2	2,4-Dinitrotoluene	310	U	310	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8270C	606-20-2	2,6-Dinitrotoluene	310	U	310	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8270C	91-58-7	2-Chloronaphthalene	310	U	310	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8270C	95-57-8	2-Chlorophenol	310	U	310	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8270C	91-57-6	2-Methylnaphthalene	310	U	310	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8270C	95-48-7	2-Methylphenol (o-Cresol)	310	U	310	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8270C	88-74-4	2-Nitroaniline	2000	U	2000	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8270C	88-75-5	2-Nitrophenol	310	U	310	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8270C	91-94-1	3,3'-Dichlorobenzidine	2000	U	2000	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8270C	609-19-8	3,4,5-Trichlorophenol	310	U	310	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8270C	108-39-4	3-Methylphenol/4-Methylphenol (m/p-Cresol)	310	U	310	ug/kg
FDA Compsit Shad	27-Oct-00	Composite	Site	8270C	99-09-2	3-Nitroaniline	2000	U	2000	ug/kg

Appendix II-H
Results of Chemical Analysis of Fish Tissue Collected from Mississippi River near Sauget Area 2 Sites (Krummrich Data)

Sample ID	Sample Date	Sample Type 1	Sample Type 2	Analytical Method	CAS Number	Analyte	Concentration	Validation Q	Reporting Limit	Units
PDA Comp#1 Shad	27-Oct-00	Composite	Site	8270C	534-52-1	4,6-Dinitro-2-methylphenol	2500	U	2500	ug/kg
PDA Comp#1 Shad	27-Oct-00	Composite	Site	8270C	101-55-3	4-Bromophenylphenyl ether	510	U	510	ug/kg
PDA Comp#1 Shad	27-Oct-00	Composite	Site	8270C	59-50-7	4-Chloro-3-methylphenol	510	U	510	ug/kg
PDA Comp#1 Shad	27-Oct-00	Composite	Site	8270C	106-47-8	4-Chloroaniline	990	U	990	ug/kg
PDA Comp#1 Shad	27-Oct-00	Composite	Site	8270C	7005-72-3	4-Chlorophenylphenyl ether	510	U	510	ug/kg
PDA Comp#1 Shad	27-Oct-00	Composite	Site	8270C	100-01-6	4-Nitroaniline	2500	U	2500	ug/kg
PDA Comp#1 Shad	27-Oct-00	Composite	Site	8270C	100-02-7	4-Nitrophenol	2500	U	2500	ug/kg
PDA Comp#1 Shad	27-Oct-00	Composite	Site	8270C	83-32-9	Acenaphthene	510	U	510	ug/kg
PDA Comp#1 Shad	27-Oct-00	Composite	Site	8270C	208-96-8	Acenaphthylene	510	U	510	ug/kg
PDA Comp#1 Shad	27-Oct-00	Composite	Site	8270C	120-12-7	Anthracene	510	U	510	ug/kg
PDA Comp#1 Shad	27-Oct-00	Composite	Site	8270C	56-55-3	Benzo(a)anthracene	510	U	510	ug/kg
PDA Comp#1 Shad	27-Oct-00	Composite	Site	8270C	50-32-8	Benzo(a)pyrene	510	U	510	ug/kg
PDA Comp#1 Shad	27-Oct-00	Composite	Site	8270C	205-99-2	Benzo(b)fluoranthene	510	U	510	ug/kg
PDA Comp#1 Shad	27-Oct-00	Composite	Site	8270C	191-24-2	Benzo(g,h,i)perylene	510	U	510	ug/kg
PDA Comp#1 Shad	27-Oct-00	Composite	Site	8270C	207-08-9	Benzo(k)fluoranthene	510	U	510	ug/kg
PDA Comp#1 Shad	27-Oct-00	Composite	Site	8270C	111-91-1	bis(2-Chloroethoxy)methane	510	U	510	ug/kg
PDA Comp#1 Shad	27-Oct-00	Composite	Site	8270C	111-44-4	bis(2-Chloroethyl)ether	510	U	510	ug/kg
PDA Comp#1 Shad	27-Oct-00	Composite	Site	8270C	117-81-7	bis(2-Ethylhexyl)phthalate	510	U	510	ug/kg
PDA Comp#1 Shad	27-Oct-00	Composite	Site	8270C	85-68-7	Butylbenzylphthalate	510	U	510	ug/kg
PDA Comp#1 Shad	27-Oct-00	Composite	Site	8270C	86-74-8	Carbazole	510	U	510	ug/kg
PDA Comp#1 Shad	27-Oct-00	Composite	Site	8270C	218-01-9	Chrysene	510	U	510	ug/kg
PDA Comp#1 Shad	27-Oct-00	Composite	Site	8270C	84-74-2	Di-n-butylphthalate	510	U	510	ug/kg
PDA Comp#1 Shad	27-Oct-00	Composite	Site	8270C	117-84-0	Di-n-octylphthalate	510	U	510	ug/kg
PDA Comp#1 Shad	27-Oct-00	Composite	Site	8270C	53-70-3	Dibenzo(a,h)anthracene	510	U	510	ug/kg
PDA Comp#1 Shad	27-Oct-00	Composite	Site	8270C	132-64-9	Dibenzofuran	510	U	510	ug/kg
PDA Comp#1 Shad	27-Oct-00	Composite	Site	8270C	84-66-2	Diethylphthalate	510	U	510	ug/kg
PDA Comp#1 Shad	27-Oct-00	Composite	Site	8270C	131-11-3	Dimethylphthalate	510	U	510	ug/kg
PDA Comp#1 Shad	27-Oct-00	Composite	Site	8270C	206-44-0	Fluoranthene	510	U	510	ug/kg
PDA Comp#1 Shad	27-Oct-00	Composite	Site	8270C	86-73-7	Fluorene	510	U	510	ug/kg
PDA Comp#1 Shad	27-Oct-00	Composite	Site	8270C	118-74-1	Hexachlorobenzene	510	U	510	ug/kg
PDA Comp#1 Shad	27-Oct-00	Composite	Site	8270C	87-68-3	Hexachlorobutadiene	510	U	510	ug/kg
PDA Comp#1 Shad	27-Oct-00	Composite	Site	8270C	77-47-4	Hexachlorocyclopentadiene	510	U	510	ug/kg
PDA Comp#1 Shad	27-Oct-00	Composite	Site	8270C	67-72-1	Hexachloroethane	510	U	510	ug/kg
PDA Comp#1 Shad	27-Oct-00	Composite	Site	8270C	193-39-5	Indeno(1,2,3-cd)pyrene	510	U	510	ug/kg
PDA Comp#1 Shad	27-Oct-00	Composite	Site	8270C	78-59-1	Isophorone	510	U	510	ug/kg
PDA Comp#1 Shad	27-Oct-00	Composite	Site	8270C	621-64-7	N-Nitroso-di-n-propylamine	510	U	510	ug/kg
PDA Comp#1 Shad	27-Oct-00	Composite	Site	8270C	86-30-6	N-Nitrosodiphenylamine	510	U	510	ug/kg
PDA Comp#1 Shad	27-Oct-00	Composite	Site	8270C	91-20-3	Naphthalene	510	U	510	ug/kg
PDA Comp#1 Shad	27-Oct-00	Composite	Site	8270C	98-95-3	Nitrobenzene	510	U	510	ug/kg
PDA Comp#1 Shad	27-Oct-00	Composite	Site	8270C	87-86-5 (SVOC)	Pentachlorophenol (SVOC)	2500	U	2500	ug/kg
PDA Comp#1 Shad	27-Oct-00	Composite	Site	8270C	85-01-8	Phenanthrene	510	U	510	ug/kg
PDA Comp#1 Shad	27-Oct-00	Composite	Site	8270C	108-95-2	Phenol	510	U	510	ug/kg
PDA Comp#1 Shad	27-Oct-00	Composite	Site	8270C	129-00-0	Pyrene	510	U	510	ug/kg
PDA Comp#2 Shad	27-Oct-00	Composite	Site	% Lipids	% Lipids	% Lipids	15			%
PDA Comp#2 Shad	27-Oct-00	Composite	Site	SW8290	3268-87-9	1,2,3,4,6,7,8,9-OCDD	15.1		0.2	pg/g
PDA Comp#2 Shad	27-Oct-00	Composite	Site	SW8290	39001-02-0	1,2,3,4,6,7,8,9-OCDF	0.25	U	0.1	pg/g
PDA Comp#2 Shad	27-Oct-00	Composite	Site	SW8290	35822-46-9	1,2,3,4,6,7,8-HpCDD	2	J	0.1	pg/g
PDA Comp#2 Shad	27-Oct-00	Composite	Site	SW8290	67562-39-4	1,2,3,4,6,7,8-HpCDF	0.07	UJ	0.07	pg/g
PDA Comp#2 Shad	27-Oct-00	Composite	Site	SW8290	55673-89-7	1,2,3,4,7,8,9-HpCDF	0.09	UJ	0.09	pg/g
PDA Comp#2 Shad	27-Oct-00	Composite	Site	SW8290	39227-28-6	1,2,3,4,7,8-HxCDD	0.08	UJ	0.08	pg/g
PDA Comp#2 Shad	27-Oct-00	Composite	Site	SW8290	70648-26-9	1,2,3,4,7,8-HxCDF	0.84	J	0.05	pg/g
PDA Comp#2 Shad	27-Oct-00	Composite	Site	SW8290	57653-85-7	1,2,3,6,7,8-HxCDD	0.82	J	0.06	pg/g
PDA Comp#2 Shad	27-Oct-00	Composite	Site	SW8290	57117-44-9	1,2,3,6,7,8-HxCDF	0.05	UJ	0.05	pg/g
PDA Comp#2 Shad	27-Oct-00	Composite	Site	SW8290	19408-74-3	1,2,3,7,8,9-HxCDD	0.39	J	0.08	pg/g
PDA Comp#2 Shad	27-Oct-00	Composite	Site	SW8290	72918-21-9	1,2,3,7,8,9-HxCDF	0.07	UJ	0.07	pg/g
PDA Comp#2 Shad	27-Oct-00	Composite	Site	SW8290	40321-76-4	1,2,3,7,8-PeCDD	0.46	J	0.07	pg/g
PDA Comp#2 Shad	27-Oct-00	Composite	Site	SW8290	57117-41-6	1,2,3,7,8-PeCDF	0.08	UJ	0.06	pg/g
PDA Comp#2 Shad	27-Oct-00	Composite	Site	SW8290	60851-34-5	2,3,4,6,7,8-HxCDF	0.48	J	0.08	pg/g
PDA Comp#2 Shad	27-Oct-00	Composite	Site	SW8290	57117-31-4	2,3,4,7,8-PeCDF	0.41	J	0.06	pg/g
PDA Comp#2 Shad	27-Oct-00	Composite	Site	SW8290	1746-01-6	2,3,7,8-TCDD	2.4		0.06	pg/g
PDA Comp#2 Shad	27-Oct-00	Composite	Site	SW8290	51207-31-9	2,3,7,8-TCDF	1.9		0.05	pg/g
PDA Comp#2 Shad	27-Oct-00	Composite	Site	SW8290	37871-00-4	Total HpCDD	2.6		0.1	pg/g
PDA Comp#2 Shad	27-Oct-00	Composite	Site	SW8290	38998-75-3	Total HpCDF	13.6	J	0.08	pg/g
PDA Comp#2 Shad	27-Oct-00	Composite	Site	SW8290	34465-46-8	Total HxCDD	1.7	J	0.08	pg/g
PDA Comp#2 Shad	27-Oct-00	Composite	Site	SW8290	55684-94-1	Total HxCDF	81.6	J	0.05	pg/g
PDA Comp#2 Shad	27-Oct-00	Composite	Site	SW8290	36088-22-9	Total PeCDD	3.4	J	0.07	pg/g
PDA Comp#2 Shad	27-Oct-00	Composite	Site	SW8290	30402-15-4	Total PeCDF	124	J	0.06	pg/g
PDA Comp#2 Shad	27-Oct-00	Composite	Site	SW8290	41903-57-5	Total TCDD	3.3	J	0.06	pg/g
PDA Comp#2 Shad	27-Oct-00	Composite	Site	SW8290	55722-27-5	Total TCDF	187	J	0.06	pg/g
PDA Comp#2 Shad	27-Oct-00	Composite	Site	8151	93-76-5	2,4,5-T	8.3	U	8.3	ug/kg
PDA Comp#2 Shad	27-Oct-00	Composite	Site	8151	93-72-1	2,4,5-TP (Silvex)	8.7		8.3	ug/kg
PDA Comp#2 Shad	27-Oct-00	Composite	Site	8151	94-75-7	2,4-D	8.3	U	8.3	ug/kg
PDA Comp#2 Shad	27-Oct-00	Composite	Site	8151	94-82-6	2,4-DB	8.3	U	8.3	ug/kg
PDA Comp#2 Shad	27-Oct-00	Composite	Site	8151	75-99-0	Dalapon	2000	U	2000	ug/kg
PDA Comp#2 Shad	27-Oct-00	Composite	Site	8151	1918-00-9	Dicamba	20	U	20	ug/kg
PDA Comp#2 Shad	27-Oct-00	Composite	Site	8151	120-36-5	Dichloroprop	100	U	100	ug/kg
PDA Comp#2 Shad	27-Oct-00	Composite	Site	8151	88-85-7	Dinoseb	100	U	100	ug/kg
PDA Comp#2 Shad	27-Oct-00	Composite	Site	8151	94-74-6	MCPA[(4-chloro-2-methylphenoxy)-acetic acid]	2000	U	2000	ug/kg
PDA Comp#2 Shad	27-Oct-00	Composite	Site	8151	7085-19-0	MCPP[2-(4-chloro-2-methylphenoxy)-propionic acid]	2000	U	2000	ug/kg
PDA Comp#2 Shad	27-Oct-00	Composite	Site	8151	87-86-5	Pentachlorophenol	17	U	17	ug/kg
PDA Comp#2 Shad	27-Oct-00	Composite	Site	680	2051-24-3	Decachlorobiphenyl	50	U	50	ug/kg
PDA Comp#2 Shad	27-Oct-00	Composite	Site	680	C-DICHLOROBI	Dichlorobiphenyl	10	U	10	ug/kg
PDA Comp#2 Shad	27-Oct-00	Composite	Site	680	C-HEPTACHLOR	Heptachlorobiphenyl	30	U	30	ug/kg

Results of Chemical Analysis of Fish Tissue Collected from Mississippi River near Sauget Area 2 Sites (Krummrich Data)

Sample ID	Sample Date	Sample Type 1	Sample Type 2	Analytical Method	CAS Number	Analyte	Concentration	Validation Q	Reporting Limit	Units
FBA Comp#2 Shad	27-Oct-00	Composite	Site	680	C-HEXACHLORO	Hexachlorobiphenyl	20	U	20	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	680	C-MONOCHLORO	Monochlorobiphenyl	10	U	10	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	680	C-NONACHLORO	Nonachlorobiphenyl	50	U	50	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	680	C-OCTA-BIPHE	Octachlorobiphenyl	30	U	30	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	680	C-PENTBIPHEN	Pentachlorobiphenyl	20	U	20	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	680	C-TETRACHLOR	Tetrachlorobiphenyl	20	U	20	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	680	C-TOTAL-PCB	Total Polychlorinated Biphenyls	50	U	50	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	680	C-TRICHLOROB	Trichlorobiphenyl	10	U	10	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8081A	72-54-8	4,4'-DDD	25	U	25	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8081A	72-55-9	4,4'-DDE	5.4	J	25	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8081A	50-29-3	4,4'-DDT	25	U	25	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8081A	309-00-2	Aldrin	25	U	25	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8081A	319-84-6	alpha-BHC	25	U	25	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8081A	5103-71-9	alpha-Chlordane	25	U	25	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8081A	319-85-7	beta-BHC	25	U	25	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8081A	319-86-8	delta-BHC	25	U	25	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8081A	60-57-1	Dieldrin	4.3	J	25	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8081A	959-98-8	Endosulfan I	25	U	25	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8081A	33213-65-9	Endosulfan II	25	U	25	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8081A	1031-07-8	Endosulfan sulfate	25	U	25	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8081A	72-20-8	Endrin	25	U	25	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8081A	7421-93-4	Endrin aldehyde	25	U	25	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8081A	53494-70-5	Endrin ketone	25	U	25	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8081A	58-89-9	gamma-BHC (Lindane)	25	U	25	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8081A	5103-74-2	gamma-Chlordane	25	U	25	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8081A	76-44-8	Heptachlor	25	U	25	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8081A	1024-57-3	Heptachlor epoxide	25	U	25	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8081A	72-43-5	Methoxychlor	100	U	100	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8081A	8001-35-2	Toxaphene	800	U	800	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	87-61-6	1,2,3-Trichlorobenzene	910	U	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	120-82-1	1,2,4-Trichlorobenzene	910	U	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	95-50-1	1,2-Dichlorobenzene	240	J	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	108-70-3	1,3,5-Trichlorobenzene	910	U	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	541-73-1	1,3-Dichlorobenzene	910	U	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	106-46-7	1,4-Dichlorobenzene	910	U	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	108-60-1	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	910	U	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	15950-66-0	2,3,4-Trichlorophenol	910	U	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	933-78-8	2,3,5-Trichlorophenol	910	U	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	933-75-5	2,3,6-Trichlorophenol	910	U	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	95-95-4	2,4,5-Trichlorophenol	910	U	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	88-06-2	2,4,6-Trichlorophenol	910	U	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	120-83-2	2,4-Dichlorophenol	140	J	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	105-67-9	2,4-Dimethylphenol	910	U	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	51-28-5	2,4-Dinitrophenol	2300	U	2300	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	121-14-2	2,4-Dinitrotoluene	910	U	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	606-20-2	2,6-Dinitrotoluene	910	U	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	91-58-7	2-Chloronaphthalene	910	U	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	95-57-8	2-Chlorophenol	910	U	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	91-57-6	2-Methylnaphthalene	910	U	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	95-48-7	2-Methylphenol (o-Cresol)	910	U	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	88-74-4	2-Nitroaniline	2300	U	2300	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	88-75-5	2-Nitrophenol	910	U	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	91-94-1	3,3'-Dichlorobenzidine	2000	U	2000	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	609-19-8	3,4,5-Trichlorophenol	910	U	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	106-44-5	3-Methylphenol/4-Methylphenol (m&p-Cresol)	910	U	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	99-09-2	3-Nitroaniline	2300	U	2300	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	534-52-1	4,6-Dinitro-2-methylphenol	2300	U	2300	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	101-55-3	4-Bromophenyl phenyl ether	910	U	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	59-50-7	4-Chloro-3-methylphenol	910	U	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	106-47-8	4-Chloroaniline	[illegible]	U	[illegible]	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	7005-72-3	4-Chlorophenyl phenyl ether	910	U	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	100-01-6	4-Nitroaniline	2300	U	2300	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	100-02-7	4-Nitrophenol	2300	U	2300	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	83-32-9	Acenaphthene	910	U	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	208-96-8	Acenaphthylene	910	U	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	120-12-7	Anthracene	910	U	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	56-55-3	Benzo(a)anthracene	910	U	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	50-32-8	Benzo(a)pyrene	910	U	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	205-99-2	Benzo(b)fluoranthene	910	U	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	191-24-2	Benzo(g,h,i)perylene	910	U	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	207-08-9	Benzo(k)fluoranthene	910	U	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	111-91-1	bis(2-Chloroethoxy)methane	910	U	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	111-44-4	bis(2-Chloroethyl)ether	910	U	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	117-81-7	bis(2-Ethylhexyl)phthalate	910	U	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	85-68-7	Butylbenzylphthalate	910	U	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	86-74-8	Carbazole	910	U	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	218-01-9	Chrysene	910	U	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	84-74-2	Di-n-butylphthalate	910	U	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	117-84-0	Di-n-octylphthalate	910	U	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	53-70-3	Dibenzo(a,h)anthracene	910	U	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	132-64-9	Dibenzofuran	910	U	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	84-66-2	Diethylphthalate	910	U	910	ug/kg
FBA Comp#2 Shad	27-Oct-00	Composite	Site	8270C	131-11-3	Dimethylphthalate	910	U	910	ug/kg

Appendix II-H
Results of Chemical Analysis of Fish Tissue Collected from Mississippi River near Sauget Area 2 Sites (Krummrich Data)

Sample ID	Sample Date	Sample Type 1	Sample Type 3	Analytical Method	CAS Number	Analyte	Concentration	Validation Q	Reporting Limit	Units
PDA Comp#2 Shed	27-Oct-00	Composite	Site	8270C	206-44-0	Fluoranthene	510	U	510	ug/kg
PDA Comp#2 Shed	27-Oct-00	Composite	Site	8270C	86-73-7	Fluorene	510	U	510	ug/kg
PDA Comp#2 Shed	27-Oct-00	Composite	Site	8270C	118-74-1	Hexachlorobenzene	510	U	510	ug/kg
PDA Comp#2 Shed	27-Oct-00	Composite	Site	8270C	87-68-3	Hexachlorobutadiene	510	U	510	ug/kg
PDA Comp#2 Shed	27-Oct-00	Composite	Site	8270C	77-47-4	Hexachlorocyclopentadiene	510	U	510	ug/kg
PDA Comp#2 Shed	27-Oct-00	Composite	Site	8270C	67-72-1	Hexachloroethane	510	U	510	ug/kg
PDA Comp#2 Shed	27-Oct-00	Composite	Site	8270C	193-39-5	Indeno(1,2,3-cd)pyrene	510	U	510	ug/kg
PDA Comp#2 Shed	27-Oct-00	Composite	Site	8270C	78-59-1	Isophorone	510	U	510	ug/kg
PDA Comp#2 Shed	27-Oct-00	Composite	Site	8270C	621-64-7	N-Nitroso-di-n-propylamine	510	U	510	ug/kg
PDA Comp#2 Shed	27-Oct-00	Composite	Site	8270C	86-30-6	N-Nitrosodiphenylamine	510	U	510	ug/kg
PDA Comp#2 Shed	27-Oct-00	Composite	Site	8270C	91-20-3	Naphthalene	510	U	510	ug/kg
PDA Comp#2 Shed	27-Oct-00	Composite	Site	8270C	98-95-3	Nitrobenzene	510	U	510	ug/kg
PDA Comp#2 Shed	27-Oct-00	Composite	Site	8270C	87-86-5 (SVOC)	Pentachlorophenol (SVOC)	2500	U	2500	ug/kg
PDA Comp#2 Shed	27-Oct-00	Composite	Site	8270C	85-01-8	Phenanthrene	510	U	510	ug/kg
PDA Comp#2 Shed	27-Oct-00	Composite	Site	8270C	108-95-2	Phenol	510	U	510	ug/kg
PDA Comp#2 Shed	27-Oct-00	Composite	Site	8270C	129-00-0	Pyrene	510	U	510	ug/kg
PDA Comp#3 Shed	27-Oct-00	Composite	Site	% Lipids	% Lipids	% Lipids	13			%
PDA Comp#3 Shed	27-Oct-00	Composite	Site	SW8290	3268-87-9	1,2,3,4,6,7,8,9-OCDD	189	J	0.04	pg/g
PDA Comp#3 Shed	27-Oct-00	Composite	Site	SW8290	39001-02-0	1,2,3,4,6,7,8,9-OCDF	4.3	J	0.03	pg/g
PDA Comp#3 Shed	27-Oct-00	Composite	Site	SW8290	35822-46-9	1,2,3,4,6,7,8-HpCDD	7.1		0.03	pg/g
PDA Comp#3 Shed	27-Oct-00	Composite	Site	SW8290	67562-39-4	1,2,3,4,6,7,8-HpCDF	1	J	0.02	pg/g
PDA Comp#3 Shed	27-Oct-00	Composite	Site	SW8290	55673-89-7	1,2,3,4,7,8,9-HpCDF	0.03	UJ	0.03	pg/g
PDA Comp#3 Shed	27-Oct-00	Composite	Site	SW8290	39227-28-6	1,2,3,4,7,8-HxCDD	0.18	J	0.02	pg/g
PDA Comp#3 Shed	27-Oct-00	Composite	Site	SW8290	70648-26-9	1,2,3,4,7,8-HxCDF	0.46	J	0.02	pg/g
PDA Comp#3 Shed	27-Oct-00	Composite	Site	SW8290	57653-85-7	1,2,3,6,7,8-HxCDD	1.1	J	0.02	pg/g
PDA Comp#3 Shed	27-Oct-00	Composite	Site	SW8290	57117-44-9	1,2,3,6,7,8-HxCDF	0.19	J	0.02	pg/g
PDA Comp#3 Shed	27-Oct-00	Composite	Site	SW8290	19408-74-3	1,2,3,7,8,9-HxCDD	0.54	J	0.02	pg/g
PDA Comp#3 Shed	27-Oct-00	Composite	Site	SW8290	72918-21-9	1,2,3,7,8,9-HxCDF	0.02	UJ	0.02	pg/g
PDA Comp#3 Shed	27-Oct-00	Composite	Site	SW8290	40321-76-4	1,2,3,7,8-PeCDD	0.51	J	0.02	pg/g
PDA Comp#3 Shed	27-Oct-00	Composite	Site	SW8290	57117-41-6	1,2,3,7,8-PeCDF	0.43	J	0.02	pg/g
PDA Comp#3 Shed	27-Oct-00	Composite	Site	SW8290	60851-34-5	2,3,4,6,7,8-HxCDF	0.3	J	0.02	pg/g
PDA Comp#3 Shed	27-Oct-00	Composite	Site	SW8290	57117-31-4	2,3,4,7,8-PeCDF	0.55	J	0.02	pg/g
PDA Comp#3 Shed	27-Oct-00	Composite	Site	SW8290	1746-01-6	2,3,7,8-TCDD	0.57		0.02	pg/g
PDA Comp#3 Shed	27-Oct-00	Composite	Site	SW8290	51207-31-9	2,3,7,8-TCDF	5.7		0.01	pg/g
PDA Comp#3 Shed	27-Oct-00	Composite	Site	SW8290	37871-00-4	Total HpCDD	13.5		0.03	pg/g
PDA Comp#3 Shed	27-Oct-00	Composite	Site	SW8290	38998-75-3	Total HpCDF	6.1	J	0.02	pg/g
PDA Comp#3 Shed	27-Oct-00	Composite	Site	SW8290	34465-46-8	Total HxCDD	3.3	J	0.02	pg/g
PDA Comp#3 Shed	27-Oct-00	Composite	Site	SW8290	55684-94-1	Total HxCDF	16	J	0.02	pg/g
PDA Comp#3 Shed	27-Oct-00	Composite	Site	SW8290	36088-22-9	Total PeCDD	3.1	J	0.02	pg/g
PDA Comp#3 Shed	27-Oct-00	Composite	Site	SW8290	30402-15-4	Total PeCDF	33.1	J	0.02	pg/g
PDA Comp#3 Shed	27-Oct-00	Composite	Site	SW8290	41903-57-5	Total TCDD	5.9	J	0.02	pg/g
PDA Comp#3 Shed	27-Oct-00	Composite	Site	SW8290	55722-27-5	Total TCDF	72.7	J	0.01	pg/g
PDA Comp#3 Shed	27-Oct-00	Composite	Site	8151	93-76-5	2,4,5-T	8.3	U	8.3	ug/kg
PDA Comp#3 Shed	27-Oct-00	Composite	Site	8151	93-72-1	2,4,5-TP (Silvex)	8.3	U	8.3	ug/kg
PDA Comp#3 Shed	27-Oct-00	Composite	Site	8151	94-75-7	2,4-D	8.3	U	8.3	ug/kg
PDA Comp#3 Shed	27-Oct-00	Composite	Site	8151	94-82-6	2,4-DB	8.3	U	8.3	ug/kg
PDA Comp#3 Shed	27-Oct-00	Composite	Site	8151	75-99-0	Dalapon	2000	U	2000	ug/kg
PDA Comp#3 Shed	27-Oct-00	Composite	Site	8151	1918-00-9	Dicamba	20	U	20	ug/kg
PDA Comp#3 Shed	27-Oct-00	Composite	Site	8151	120-36-5	Dichloroprop	100	U	100	ug/kg
PDA Comp#3 Shed	27-Oct-00	Composite	Site	8151	88-85-7	Dinoseb	100	U	100	ug/kg
PDA Comp#3 Shed	27-Oct-00	Composite	Site	8151	94-74-6	MCPA[(4-chloro-2-methylphenoxy)-acetic acid]	2000	U	2000	ug/kg
PDA Comp#3 Shed	27-Oct-00	Composite	Site	8151	7085-19-0	MCPP[2-(4-chloro-2-methylphenoxy)-propanoic acid]	2000	U	2000	ug/kg
PDA Comp#3 Shed	27-Oct-00	Composite	Site	8151	87-86-5	Pentachlorophenol	17	U	17	ug/kg
PDA Comp#3 Shed	27-Oct-00	Composite	Site	680	3051-84-3	Decachlorobiphenyl	50	U	50	ug/kg
PDA Comp#3 Shed	27-Oct-00	Composite	Site	680	C-DICHLOROBI	Dichlorobiphenyl	10	U	10	ug/kg
PDA Comp#3 Shed	27-Oct-00	Composite	Site	680	C-HEPTACHLOR	Heptachlorobiphenyl	30	U	30	ug/kg
PDA Comp#3 Shed	27-Oct-00	Composite	Site	680	C-HEXACHLORO	Hexachlorobiphenyl	20	U	20	ug/kg
PDA Comp#3 Shed	27-Oct-00	Composite	Site	680	C-MONOCHLORO	Monochlorobiphenyl	10	U	10	ug/kg
PDA Comp#3 Shed	27-Oct-00	Composite	Site	680	C-NONACHLORO	Nonachlorobiphenyl	50	U	50	ug/kg
PDA Comp#3 Shed	27-Oct-00	Composite	Site	680	C-OCTA-BIPHE	Octachlorobiphenyl	30	U	30	ug/kg
PDA Comp#3 Shed	27-Oct-00	Composite	Site	680	C-PENTBIPHEN	Pentachlorobiphenyl	20	U	20	ug/kg
PDA Comp#3 Shed	27-Oct-00	Composite	Site	680	C-TETRACHLOR	Tetrachlorobiphenyl	20	U	20	ug/kg
PDA Comp#3 Shed	27-Oct-00	Composite	Site	680	C-TOTAL-PCB	Total Polychlorinated Biphenyls	50	U	50	ug/kg
PDA Comp#3 Shed	27-Oct-00	Composite	Site	680	C-TRICHLOROB	Trichlorobiphenyl	10	U	10	ug/kg
PDA Comp#3 Shed	27-Oct-00	Composite	Site	8081A	72-54-8	4,4'-DDD	25	U	25	ug/kg
PDA Comp#3 Shed	27-Oct-00	Composite	Site	8081A	72-55-9	4,4'-DDE	5.8	J	25	ug/kg
PDA Comp#3 Shed	27-Oct-00	Composite	Site	8081A	50-29-3	4,4'-DDT	25	U	25	ug/kg
PDA Comp#3 Shed	27-Oct-00	Composite	Site	8081A	309-00-2	Aldrin	25	U	25	ug/kg
PDA Comp#3 Shed	27-Oct-00	Composite	Site	8081A	319-84-6	alpha-BHC	25	U	25	ug/kg
PDA Comp#3 Shed	27-Oct-00	Composite	Site	8081A	5103-71-9	alpha-Chlordane	25	U	25	ug/kg
PDA Comp#3 Shed	27-Oct-00	Composite	Site	8081A	319-85-7	beta-BHC	25	U	25	ug/kg
PDA Comp#3 Shed	27-Oct-00	Composite	Site	8081A	319-86-8	delta-BHC	25	U	25	ug/kg
PDA Comp#3 Shed	27-Oct-00	Composite	Site	8081A	60-57-1	Dieldrin	25	U	25	ug/kg
PDA Comp#3 Shed	27-Oct-00	Composite	Site	8081A	959-98-8	Endosulfan I	25	U	25	ug/kg
PDA Comp#3 Shed	27-Oct-00	Composite	Site	8081A	33213-65-9	Endosulfan II	25	U	25	ug/kg
PDA Comp#3 Shed	27-Oct-00	Composite	Site	8081A	1031-07-8	Endosulfan sulfate	25	U	25	ug/kg
PDA Comp#3 Shed	27-Oct-00	Composite	Site	8081A	72-20-8	Endrin	25	U	25	ug/kg
PDA Comp#3 Shed	27-Oct-00	Composite	Site	8081A	7421-93-4	Endrin aldehyde	25	U	25	ug/kg
PDA Comp#3 Shed	27-Oct-00	Composite	Site	8081A	53494-70-5	Endrin ketone	25	U	25	ug/kg
PDA Comp#3 Shed	27-Oct-00	Composite	Site	8081A	58-89-9	gamma-BHC (Lindane)	25	U	25	ug/kg
PDA Comp#3 Shed	27-Oct-00	Composite	Site	8081A	5103-74-2	gamma-Chlordane	25	U	25	ug/kg
PDA Comp#3 Shed	27-Oct-00	Composite	Site	8081A	76-44-8	Heptachlor	25	U	25	ug/kg
PDA Comp#3 Shed	27-Oct-00	Composite	Site	8081A	1024-57-3	Heptachlor epoxide	25	U	25	ug/kg

Results of Chemical Analysis of Fish Tissue Collected from Mississippi River near Sauget Area 2 Sites (Krummrich Data)

Sample ID	Sample Date	Sample Type 1	Sample Type 2	Analytical Method	CAS Number	Analyte	Concentration	Validation Q	Reporting Limit	Units
[illegible]	[illegible]	Composite	[illegible]	8081A	72-43-5	Methoxychlor	100	U	100	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8081A	8001-35-2	Toxaphene	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	87-61-6	1,2,3-Trichlorobenzene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	120-82-1	1,2,4-Trichlorobenzene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	95-50-1	1,2-Dichlorobenzene	140	J	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	108-70-3	1,3,5-Trichlorobenzene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	541-73-1	1,3-Dichlorobenzene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	106-46-7	1,4-Dichlorobenzene	130	J	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	108-60-1	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	15950-66-0	2,3,4-Trichlorophenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	933-78-8	2,3,5-Trichlorophenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	933-75-5	2,3,6-Trichlorophenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	95-95-4	2,4,5-Trichlorophenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	88-06-2	2,4,6-Trichlorophenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	120-83-2	2,4-Dichlorophenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	105-67-9	2,4-Dimethylphenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	51-28-5	2,4-Dinitrophenol	2500	U	2500	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	121-14-2	2,4-Dinitrotoluene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	606-20-2	2,6-Dinitrotoluene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	91-58-7	2-Chloronaphthalene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	95-57-8	2-Chlorophenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	91-57-6	2-Methylnaphthalene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	95-48-7	2-Methylphenol (o-Cresol)	140	J	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	88-74-4	2-Nitroaniline	2500	U	2500	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	88-75-5	2-Nitrophenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	91-94-1	3,3'-Dichlorobenzidine	2000	U	2000	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	609-19-8	3,4,5-Trichlorophenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	108-39-4	3-Methylphenol/4-Methylphenol (m&p-Cresol)	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	99-09-2	3-Nitroaniline	2500	U	2500	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	534-52-1	4,6-Dinitro-2-methylphenol	2500	U	2500	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	101-55-3	4-Bromophenyl phenyl ether	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	59-50-7	4-Chloro-3-methylphenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	106-47-8	4-Chloroaniline	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	7005-72-3	4-Chlorophenyl phenyl ether	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	100-01-6	4-Nitroaniline	2500	U	2500	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	100-02-7	4-Nitrophenol	2500	U	2500	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	83-32-9	Acenaphthene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	208-96-8	Acenaphthylene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	120-12-7	Anthracene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	56-55-3	Benzo(a)anthracene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	50-32-8	Benzo(a)pyrene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	205-99-2	Benzo(b)fluoranthene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	191-24-2	Benzo(g,h,i)perylene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	207-08-9	Benzo(k)fluoranthene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	111-91-1	bis(2-Chloroethoxy)methane	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	111-44-4	bis(2-Chloroethyl)ether	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	117-81-7	bis(2-Ethylhexyl)phthalate	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	85-68-7	Butylbenzylphthalate	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	86-74-8	Carbazole	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	218-01-9	Chrysene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	84-74-2	Di-n-butylphthalate	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	117-84-0	Di-n-octylphthalate	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	53-70-3	Dibenzo(a,h)anthracene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	132-64-9	Dibenzofuran	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	84-66-2	Diethylphthalate	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	131-11-3	Dimethylphthalate	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	206-44-0	Fluoranthene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	86-73-7	Fluorene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	118-74-1	Hexachlorobenzene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	87-68-3	Hexachlorobutadiene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	77-47-4	Hexachlorocyclopentadiene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	67-72-1	Hexachloroethane	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	193-39-5	Indeno(1,2,3-cd)pyrene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	78-59-1	Isophorone	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	621-64-7	N-Nitroso-di-n-propylamine	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	86-30-6	N-Nitrosodiphenylamine	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	91-20-3	Naphthalene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	98-95-3	Nitrobenzene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	87-86-5 (SVOC)	Pentachlorophenol (SVOC)	2500	U	2500	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	85-01-8	Phenanthrene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	108-95-2	Phenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	129-00-0	Pyrene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	% Lipids	% Lipids	% Lipids	3			%
[illegible]	[illegible]	Composite	[illegible]	SW8290	3268-87-9	1,2,3,4,6,7,8,9-OCDD	18.5		0.2	pg/g
[illegible]	[illegible]	Composite	[illegible]	SW8290	39001-02-0	1,2,3,4,6,7,8,9-OCDF	1.5	U	0.2	pg/g
[illegible]	[illegible]	Composite	[illegible]	SW8290	35822-46-9	1,2,3,4,6,7,8-HpCDD	2.5	J	0.1	pg/g
[illegible]	[illegible]	Composite	[illegible]	SW8290	67562-39-4	1,2,3,4,6,7,8-HpCDF	0.08	UJ	0.08	pg/g
[illegible]	[illegible]	Composite	[illegible]	SW8290	55673-89-7	1,2,3,4,7,8,9-HpCDF	0.1	UJ	0.1	pg/g
[illegible]	[illegible]	Composite	[illegible]	SW8290	39227-28-6	1,2,3,4,7,8-HxCDD	0.1	UJ	0.1	pg/g
[illegible]	[illegible]	Composite	[illegible]	SW8290	70648-26-9	1,2,3,4,7,8-HxCDF	0.45	J	0.08	pg/g
[illegible]	[illegible]	Composite	[illegible]	SW8290	57653-85-7	1,2,3,6,7,8-HxCDD	0.04	J	0.1	pg/g
[illegible]	[illegible]	Composite	[illegible]	SW8290	57117-44-9	1,2,3,6,7,8-HxCDF	0.22	J	0.08	pg/g
[illegible]	[illegible]	Composite	[illegible]	SW8290	19408-74-3	1,2,3,7,8,9-HxCDD	0.38	J	0.1	pg/g

Appendix II-H
Results of Chemical Analysis of Fish Tissue Collected from Mississippi River near Sauget Area 2 Sites (Krummrich Data)

Sample ID	Sample Date	Sample Type 1	Sample Type 3	Analytical Method	CAS Number	Analyte	Concentration	Validation Q	Reporting Limit	Units
PDA Drum Comp#1	02-Nov-00	Composite	Site	SW8290	72918-21-9	1,2,3,7,8,9-HxCDF	0.08	UJ	0.08	pg/g
PDA Drum Comp#1	02-Nov-00	Composite	Site	SW8290	40321-76-4	1,2,3,7,8-PeCDD	0.09	UJ	0.09	pg/g
PDA Drum Comp#1	02-Nov-00	Composite	Site	SW8290	57117-41-6	1,2,3,7,8-PeCDF	0.07	UJ	0.07	pg/g
PDA Drum Comp#1	02-Nov-00	Composite	Site	SW8290	60851-34-5	2,3,4,6,7,8-HxCDF	0.24	J	0.07	pg/g
PDA Drum Comp#1	02-Nov-00	Composite	Site	SW8290	57117-31-4	2,3,4,7,8-PeCDF	0.07	UJ	0.07	pg/g
PDA Drum Comp#1	02-Nov-00	Composite	Site	SW8290	1746-01-6	2,3,7,8-TCDD	0.14	UJ	0.08	pg/g
PDA Drum Comp#1	02-Nov-00	Composite	Site	SW8290	51207-31-9	2,3,7,8-TCDF	0.44	J	0.08	pg/g
PDA Drum Comp#1	02-Nov-00	Composite	Site	SW8290	37871-00-4	Total HpCDD	3.6		0.1	pg/g
PDA Drum Comp#1	02-Nov-00	Composite	Site	SW8290	38998-75-3	Total HpCDF	6.1	J	0.09	pg/g
PDA Drum Comp#1	02-Nov-00	Composite	Site	SW8290	34465-46-8	Total HxCDD	2.3	J	0.1	pg/g
PDA Drum Comp#1	02-Nov-00	Composite	Site	SW8290	55684-94-1	Total HxCDF	27	J	0.07	pg/g
PDA Drum Comp#1	02-Nov-00	Composite	Site	SW8290	36088-22-9	Total PeCDD	1.9	J	0.09	pg/g
PDA Drum Comp#1	02-Nov-00	Composite	Site	SW8290	30402-15-4	Total PeCDF	40.6	J	0.07	pg/g
PDA Drum Comp#1	02-Nov-00	Composite	Site	SW8290	41903-57-5	Total TCDD	0.36	UJ	0.08	pg/g
PDA Drum Comp#1	02-Nov-00	Composite	Site	SW8290	55722-27-5	Total TCDF	64.6	J	0.06	pg/g
PDA Drum Comp#1	02-Nov-00	Composite	Site	8151	93-76-5	2,4,5-T	13	J	8.3	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8151	93-72-1	2,4,5-TP (Silvex)	6.4	J	8.3	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8151	94-75-7	2,4-D	8.3	U	8.3	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8151	94-82-6	2,4-DB	8.3	U	8.3	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8151	75-99-0	Dalapon	2000	U	2000	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8151	1918-00-9	Dicamba	20	U	20	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8151	120-36-5	Dichloroprop	100	U	100	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8151	88-85-7	Dinoseb	100	U	100	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8151	94-74-6	MCPA[(4-chloro-2-methylphenoxy)-acetic acid]	2000	U	2000	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8151	7085-19-0	MCPP[2-(4-chloro-2-methylphenoxy)-propanoic acid]	2000	U	2000	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8151	87-86-5	Pentachlorophenol	17	U	17	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	680	2051-24-3	Decachlorobiphenyl	50	U	50	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	680	C-DICHLOROBI	Dichlorobiphenyl	10	U	10	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	680	C-HEPTACHLOR	Heptachlorobiphenyl	30	U	30	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	680	C-HEXACHLORO	Hexachlorobiphenyl	20	U	20	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	680	C-MONOCHLORO	Monochlorobiphenyl	10	U	10	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	680	C-NONACHLORO	Nonachlorobiphenyl	50	U	50	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	680	C-OCTA-BIPHE	Octachlorobiphenyl	30	U	30	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	680	C-PENTBIPHEN	Pentachlorobiphenyl	20	U	20	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	680	C-TETRACHLOR	Tetrachlorobiphenyl	20	U	20	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	680	C-TOTAL-PCB	Total Polychlorinated Biphenyls	50	U	50	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	680	C-TRICHLOROB	Trichlorobiphenyl	10	U	10	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8081A	72-54-8	4,4'-DDD	8.6	J	25	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8081A	72-55-9	4,4'-DDE	13	J	25	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8081A	50-29-3	4,4'-DDT	25	U	25	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8081A	309-00-2	Aldrin	25	U	25	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8081A	319-84-6	alpha-BHC	25	U	25	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8081A	5103-71-9	alpha-Chlordane	25	U	25	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8081A	319-85-7	beta-BHC	25	U	25	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8081A	319-86-8	delta-BHC	25	U	25	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8081A	60-57-1	Dieldrin	6.7	J	25	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8081A	959-98-8	Endosulfan I	25	U	25	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8081A	33213-65-9	Endosulfan II	25	U	25	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8081A	1031-07-8	Endosulfan sulfate	25	U	25	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8081A	72-20-8	Endrin	25	U	25	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8081A	7421-93-4	Endrin aldehyde	25	U	25	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8081A	53494-70-5	Endrin ketone	25	U	25	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8081A	58-89-9	gamma-BHC (Lindane)	25	U	25	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8081A	5103-74-2	gamma-Chlordane	25	U	25	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8081A	76-44-8	Heptachlor	25	U	25	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8081A	1024-57-3	Heptachlor epoxide	25	U	25	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8081A	72-43-5	Methoxychlor	100	U	100	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8081A	8001-35-2	Toxaphene	850	U	850	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8270C	87-61-6	1,2,3-Trichlorobenzene	510	U	510	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8270C	120-82-1	1,2,4-Trichlorobenzene	510	U	510	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8270C	95-50-1	1,2-Dichlorobenzene	510	U	510	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8270C	108-70-3	1,3,5-Trichlorobenzene	510	U	510	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8270C	541-73-1	1,3-Dichlorobenzene	510	U	510	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8270C	106-46-7	1,4-Dichlorobenzene	510	U	510	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8270C	108-60-1	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	510	U	510	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8270C	15950-66-0	2,3,4-Trichlorophenol	510	U	510	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8270C	933-78-8	2,3,5-Trichlorophenol	510	U	510	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8270C	933-7-5	2,3,6-Trichlorophenol	510	U	510	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8270C	95-95-4	2,4,5-Trichlorophenol	510	U	510	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8270C	88-06-2	2,4,6-Trichlorophenol	510	U	510	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8270C	120-83-2	2,4-Dichlorophenol	510	U	510	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8270C	105-67-9	2,4-Dimethylphenol	510	U	510	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8270C	51-28-5	2,4-Dinitrophenol	2500	U	2500	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8270C	121-14-2	2,4-Dinitrotoluene	510	U	510	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8270C	606-20-2	2,6-Dinitrotoluene	510	U	510	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8270C	91-58-7	2-Chloronaphthalene	510	U	510	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8270C	95-57-8	2-Chlorophenol	510	U	510	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8270C	91-57-6	2-Methylnaphthalene	510	U	510	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8270C	95-48-7	2-Methylphenol (o-Cresol)	180	J	510	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8270C	88-74-4	2-Nitroaniline	2500	U	2500	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8270C	88-75-5	2-Nitrophenol	510	U	510	ug/kg
PDA Drum Comp#1	02-Nov-00	Composite	Site	8270C	91-94-1	3,3'-Dichlorobenzidine	2000	U	2000	ug/kg

Sample ID	Sample Date	Sample Type 1	Sample Type 2	Analytical Method	CAS Number	Analyte	Concentration	Validation Q	Reporting Limit	Units
[illegible]	[illegible]	Composite	[illegible]	8270C	609-19-8	3,4,5-Trichlorophenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	[illegible]	3-Methylphenol/4-Methylphenol (m&p-Cresol)	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	99-09-2	3-Nitroaniline	2500	U	2500	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	534-52-1	4,6-Dinitro-2-methylphenol	2500	U	2500	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	101-55-3	4-Bromophenylphenyl ether	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	59-50-7	4-Chloro-3-methylphenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	106-47-8	4-Chloroaniline	[illegible]	U	[illegible]	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	7005-72-3	4-Chlorophenylphenyl ether	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	100-01-6	4-Nitroaniline	2500	U	2500	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	100-02-7	4-Nitrophenol	2500	U	2500	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	83-32-9	Acenaphthene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	208-96-8	Acenaphthylene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	120-12-7	Anthracene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	56-55-3	Benzo(a)anthracene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	50-32-8	Benzo(a)pyrene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	205-99-2	Benzo(b)fluoranthene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	191-24-2	Benzo(g,h,i)perylene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	207-08-9	Benzo(k)fluoranthene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	111-91-1	bis(2-Chloroethoxy)methane	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	111-44-4	bis(2-Chloroethyl)ether	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	117-81-7	bis(2-Ethylhexyl)phthalate	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	85-68-7	Butylbenzylphthalate	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	86-74-8	Carbazole	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	218-01-9	Chrysene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	84-74-2	Di-n-butylphthalate	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	117-84-0	Di-n-octylphthalate	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	53-70-3	Dibenzo(a,h)anthracene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	132-64-9	Dibenzofuran	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	84-66-2	Diethylphthalate	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	131-11-3	Dimethylphthalate	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	206-44-0	Fluoranthene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	86-73-7	Fluorene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	118-74-1	Hexachlorobenzene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	87-68-3	Hexachlorobutadiene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	77-47-4	Hexachlorocyclopentadiene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	67-72-1	Hexachloroethane	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	193-39-5	Indeno(1,2,3-cd)pyrene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	78-59-1	Isophorone	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	621-64-7	N-Nitroso-di-n-propylamine	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	86-30-6	N-Nitrosodiphenylamine	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	91-20-3	Naphthalene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	98-95-3	Nitrobenzene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	87-86-5 (SVOC)	Pentachlorophenol (SVOC)	2500	U	2500	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	85-01-8	Phenanthrene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	108-95-2	Phenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	8270C	129-00-0	Pyrene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	[illegible]	% Lipids	% Lipids	% Lipids	3			%
[illegible]	[illegible]	Composite	[illegible]	[illegible]	3268-87-9	1,2,3,4,6,7,8,9-OCDD	5.3		0.1	pg/g
[illegible]	[illegible]	Composite	[illegible]	[illegible]	39001-02-0	1,2,3,4,6,7,8,9-OCDF	0.1	UJ	0.1	pg/g
[illegible]	[illegible]	Composite	[illegible]	[illegible]	35822-46-9	1,2,3,4,6,7,8-HpCDD	0.59	J	0.1	pg/g
[illegible]	[illegible]	Composite	[illegible]	[illegible]	67562-39-4	1,2,3,4,6,7,8-HpCDF	[illegible]	UJ	[illegible]	pg/g
[illegible]	[illegible]	Composite	[illegible]	[illegible]	55673-89-7	1,2,3,4,7,8,9-HpCDF	0.07	UJ	0.07	pg/g
[illegible]	[illegible]	Composite	[illegible]	[illegible]	39227-28-6	1,2,3,4,7,8-HxCDD	0.05	UJ	0.05	pg/g
[illegible]	[illegible]	Composite	[illegible]	[illegible]	70648-26-9	1,2,3,4,7,8-HxCDF	0.2	U	0.04	pg/g
[illegible]	[illegible]	Composite	[illegible]	[illegible]	57653-85-7	1,2,3,6,7,8-HxCDD	0.48	J	0.05	pg/g
[illegible]	[illegible]	Composite	[illegible]	[illegible]	57117-44-9	1,2,3,6,7,8-HxCDF	0.11	U	0.04	pg/g
[illegible]	[illegible]	Composite	[illegible]	[illegible]	19408-74-3	1,2,3,7,8,9-HxCDD	0.24	J	0.05	pg/g
[illegible]	[illegible]	Composite	[illegible]	[illegible]	72918-21-9	1,2,3,7,8,9-HxCDF	0.05	UJ	0.05	pg/g
[illegible]	[illegible]	Composite	[illegible]	[illegible]	40321-76-4	1,2,3,7,8-PeCDD	0.05	UJ	0.05	pg/g
[illegible]	[illegible]	Composite	[illegible]	[illegible]	57117-41-6	1,2,3,7,8-PeCDF	0.04	UJ	0.04	pg/g
[illegible]	[illegible]	Composite	[illegible]	[illegible]	60851-34-5	2,3,4,6,7,8-HxCDF	0.11	U	0.04	pg/g
[illegible]	[illegible]	Composite	[illegible]	[illegible]	57117-31-4	2,3,4,7,8-PeCDF	0.04	UJ	0.04	pg/g
[illegible]	[illegible]	Composite	[illegible]	[illegible]	1746-01-6	2,3,7,8-TCDD	0.05	UJ	0.05	pg/g
[illegible]	[illegible]	Composite	[illegible]	[illegible]	51207-31-9	2,3,7,8-TCDF	0.39	J	0.04	pg/g
[illegible]	[illegible]	Composite	[illegible]	[illegible]	37871-00-4	Total HpCDD	1.2		0.1	pg/g
[illegible]	[illegible]	Composite	[illegible]	[illegible]	38998-75-3	Total HpCDF	2.3	J	0.05	pg/g
[illegible]	[illegible]	Composite	[illegible]	[illegible]	34465-46-8	Total HxCDD	1.2	UJ	0.05	pg/g
[illegible]	[illegible]	Composite	[illegible]	[illegible]	55684-94-1	Total HxCDF	10.6	J	0.04	pg/g
[illegible]	[illegible]	Composite	[illegible]	[illegible]	36088-22-9	Total PeCDD	1.5	J	0.05	pg/g
[illegible]	[illegible]	Composite	[illegible]	[illegible]	30402-15-4	Total PeCDF	22.1	J	0.04	pg/g
[illegible]	[illegible]	Composite	[illegible]	[illegible]	41903-57-5	Total TCDD	0.17	UJ	0.05	pg/g
[illegible]	[illegible]	Composite	[illegible]	[illegible]	55722-27-5	Total TCDF	45	J	0.04	pg/g
[illegible]	[illegible]	Composite	[illegible]	[illegible]	93-76-5	2,4,5-T	7.5	J	8.3	ug/kg
[illegible]	[illegible]	Composite	[illegible]	[illegible]	93-72-1	2,4,5-TP (Silvex)	3.3	J	8.3	ug/kg
[illegible]	[illegible]	Composite	[illegible]	[illegible]	94-75-7	2,4-D	8.3	U	8.3	ug/kg
[illegible]	[illegible]	Composite	[illegible]	[illegible]	94-82-6	2,4-DB	8.3	U	8.3	ug/kg
[illegible]	[illegible]	Composite	[illegible]	[illegible]	75-99-0	Dalapon	2000	U	2000	ug/kg
[illegible]	[illegible]	Composite	[illegible]	[illegible]	1918-00-9	Dicamba	20	U	20	ug/kg
[illegible]	[illegible]	Composite	[illegible]	[illegible]	120-36-5	Dichloroprop	100	U	100	ug/kg
[illegible]	[illegible]	Composite	[illegible]	[illegible]	88-85-7	Dinoseb	100	U	100	ug/kg
[illegible]	[illegible]	Composite	[illegible]	[illegible]	94-74-6	MCPA ((4-chloro-2-methylphenoxy)-acetic acid)	2000	U	2000	ug/kg
[illegible]	[illegible]	Composite	[illegible]	[illegible]	7085-19-0	MCPP ((4-chloro-2-methylphenoxy)-propanoic acid)	2000	U	2000	ug/kg

Appendix II-H
Results of Chemical Analysis of Fish Tissue Collected from Mississippi River near Sauget Area 2 Sites (Krummrich Data)

Sample ID	Sample Date	Sample Type 1	Sample Type 3	Analytical Method	CAS Number	Analyte	Concentration	Validation Q	Reporting Limit	Units
PDA Drum Comp#2	02-Nov-00	Composite	Site	8151	87-86-5	Pentachlorophenol	17	U	17	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	680	2051-94-3	Decachlorobiphenyl	50	U	50	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	680	C-DICHLOROBI	Dichlorobiphenyl	10	U	10	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	680	C-HEPTACHLOR	Heptachlorobiphenyl	30	U	30	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	680	C-HEXACHLORO	Hexachlorobiphenyl	20	U	20	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	680	C-MONOCHLORO	Monochlorobiphenyl	10	U	10	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	680	C-NONACHLORO	Nonachlorobiphenyl	50	U	50	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	680	C-OCTA-BIPHE	Octachlorobiphenyl	30	U	30	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	680	C-PENTBIPHEN	Pentachlorobiphenyl	20	U	20	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	680	C-TETRACHLOR	Tetrachlorobiphenyl	20	U	20	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	680	C-TOTAL-PCB	Total Polychlorinated Biphenyls	50	U	50	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	680	C-TRICHLOROB	Trichlorobiphenyl	10	U	10	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8081A	72-54-8	4,4'-DDD	25	U	25	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8081A	72-55-9	4,4'-DDE	8	J	25	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8081A	50-29-3	4,4'-DDT	25	U	25	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8081A	309-00-2	Aldrin	25	U	25	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8081A	319-84-6	alpha-BHC	25	U	25	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8081A	5103-71-9	alpha-Chlordane	25	U	25	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8081A	319-85-7	beta-BHC	25	U	25	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8081A	319-86-8	delta-BHC	25	U	25	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8081A	60-57-1	Dieldrin	6.2	J	25	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8081A	959-98-8	Endosulfan I	25	U	25	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8081A	33213-65-9	Endosulfan II	25	U	25	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8081A	1031-07-8	Endosulfan sulfate	25	U	25	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8081A	72-20-8	Endrin	25	U	25	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8081A	7421-93-4	Endrin aldehyde	25	U	25	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8081A	53494-70-5	Endrin ketone	25	U	25	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8081A	58-89-9	gamma-BHC (Lindane)	25	U	25	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8081A	5103-74-2	gamma-Chlordane	25	U	25	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8081A	76-44-8	Heptachlor	25	U	25	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8081A	1024-57-3	Heptachlor epoxide	25	U	25	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8081A	72-43-5	Methoxychlor	100	U	100	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8081A	8001-35-2	Toxaphene	850	U	850	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	87-61-6	1,2,3-Trichlorobenzene	510	U	510	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	120-82-1	1,2,4-Trichlorobenzene	510	U	510	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	95-50-1	1,2-Dichlorobenzene	510	U	510	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	108-70-3	1,3,5-Trichlorobenzene	510	U	510	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	541-73-1	1,3-Dichlorobenzene	510	U	510	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	106-46-7	1,4-Dichlorobenzene	510	U	510	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	108-60-1	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	510	U	510	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	15950-66-0	2,3,4-Trichlorophenol	510	U	510	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	933-78-8	2,3,5-Trichlorophenol	510	U	510	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	933-7-5	2,3,6-Trichlorophenol	510	U	510	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	95-95-4	2,4,5-Trichlorophenol	510	U	510	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	88-06-2	2,4,6-Trichlorophenol	510	U	510	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	120-83-2	2,4-Dichlorophenol	510	U	510	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	105-67-9	2,4-Dimethylphenol	510	U	510	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	51-28-5	2,4-Dinitrophenol	2500	U	2500	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	121-14-2	2,4-Dinitrotoluene	510	U	510	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	606-20-2	2,6-Dinitrotoluene	510	U	510	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	91-58-7	2-Chloronaphthalene	510	U	510	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	95-57-8	2-Chlorophenol	510	U	510	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	91-57-6	2-Methylnaphthalene	510	U	510	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	95-48-7	2-Methylphenol (o-Cresol)	220	J	510	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	88-74-4	2-Nitroaniline	2500	U	2500	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	88-75-5	2-Nitrophenol	510	U	510	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	91-94-1	3,3'-Dichlorobenzidine	2000	U	2000	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	609-19-8	3,4,5-Trichlorophenol	510	U	510	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	108-44-5	3-Methylphenol/4-Methylphenol (m&p-Cresol)	510	U	510	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	99-09-2	3-Nitroaniline	2500	U	2500	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	534-52-1	4,6-Dinitro-2-methylphenol	2500	U	2500	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	101-55-3	4-Bromophenylphenyl ether	510	U	510	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	59-50-7	4-Chloro-3-methylphenol	510	U	510	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	106-47-8	4-Chloroaniline	990	U	990	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	7005-72-3	4-Chlorophenylphenyl ether	510	U	510	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	100-01-6	4-Nitroaniline	2500	U	2500	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	100-02-7	4-Nitrophenol	2500	U	2500	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	83-32-9	Acenaphthene	510	U	510	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	208-96-8	Acenaphthylene	510	U	510	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	120-12-7	Anthracene	510	U	510	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	56-55-3	Benzo(a)anthracene	510	U	510	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	50-32-8	Benzo(a)pyrene	510	U	510	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	205-99-2	Benzo(b)fluoranthene	510	U	510	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	191-24-2	Benzo(g,h,i)perylene	510	U	510	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	207-08-9	Benzo(k)fluoranthene	510	U	510	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	111-91-1	bis(2-Chloroethoxy)methane	510	U	510	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	111-44-4	bis(2-Chloroethyl)ether	510	U	510	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	117-81-7	bis(2-Ethylhexyl)phthalate	510	U	510	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	85-68-7	Butylbenzylphthalate	510	U	510	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	86-74-8	Carbazole	510	U	510	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	218-01-9	Chrysene	510	U	510	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	84-74-2	Di-n-butylphthalate	510	U	510	ug/kg
PDA Drum Comp#2	02-Nov-00	Composite	Site	8270C	117-84-0	Di-n-octylphthalate	510	U	510	ug/kg

Appendix II-H

Results of Chemical Analyses of Fish Tissue Collected from Mississippi River near Saugat Area 2 Sites (Krumwich Data)

Sample ID	Sample Date	Sample Type 1	Sample Type 3	Analytical Method	CAS Number	Analyte	Concentration	Validation Q	Reporting Limit	Units
[illegible]	[illegible]	Composite	Site	SEMVOC	[illegible]	[illegible]	390	U	390	ug/kg
[illegible]	[illegible]	Composite	Site	SEMVOC	[illegible]	[illegible]	390	U	390	ug/kg
[illegible]	[illegible]	Composite	Site	SEMVOC	[illegible]	[illegible]	390	U	390	ug/kg
[illegible]	[illegible]	Composite	Site	SEMVOC	[illegible]	[illegible]	390	U	390	ug/kg
[illegible]	[illegible]	Composite	Site	SEMVOC	[illegible]	[illegible]	390	U	390	ug/kg
[illegible]	[illegible]	Composite	Site	SEMVOC	[illegible]	[illegible]	390	U	390	ug/kg
[illegible]	[illegible]	Composite	Site	SEMVOC	[illegible]	[illegible]	390	U	390	ug/kg
[illegible]	[illegible]	Composite	Site	SEMVOC	[illegible]	[illegible]	390	U	390	ug/kg
[illegible]	[illegible]	Composite	Site	SEMVOC	[illegible]	[illegible]	390	U	390	ug/kg
[illegible]	[illegible]	Composite	Site	SEMVOC	[illegible]	[illegible]	390	U	390	ug/kg
[illegible]	[illegible]	Composite	Site	SEMVOC	[illegible]	[illegible]	390	U	390	ug/kg
[illegible]	[illegible]	Composite	Site	SEMVOC	[illegible]	[illegible]	390	U	390	ug/kg
[illegible]	[illegible]	Composite	Site	SEMVOC	[illegible]	[illegible]	390	U	390	ug/kg
[illegible]	[illegible]	Composite	Site	SEMVOC	[illegible]	[illegible]	390	U	390	ug/kg
[illegible]	[illegible]	Composite	Site	SEMVOC	[illegible]	[illegible]	390	U	390	ug/kg
[illegible]	[illegible]	Composite	Site	SEMVOC	[illegible]	[illegible]	390	U	390	ug/kg
[illegible]	[illegible]	Composite	Site	SEMVOC	[illegible]	[illegible]	390	U	390	ug/kg
[illegible]	[illegible]	Composite	Site	SEMVOC	[illegible]	[illegible]	390	U	390	ug/kg
[illegible]	[illegible]	Composite	Site	SEMVOC	[illegible]	[illegible]	2600	U	2600	ug/kg
[illegible]	[illegible]	Composite	Site	SEMVOC	[illegible]	[illegible]	390	U	390	ug/kg
[illegible]	[illegible]	Composite	Site	SEMVOC	[illegible]	[illegible]	390	U	390	ug/kg
[illegible]	[illegible]	Composite	Site	SEMVOC	[illegible]	[illegible]	390	U	390	ug/kg
[illegible]	[illegible]	Composite	Site	% Lipids	% Lipids	% Lipids	13			%
[illegible]	[illegible]	Composite	Site	[illegible]	[illegible]	1,2,3,4,6,7,8,9-OCDD	0.8		0.1	ng/g
[illegible]	[illegible]	Composite	Site	[illegible]	[illegible]	1,2,3,4,6,7,8,9-OCDF	0.48	U	0.1	ng/g
[illegible]	[illegible]	Composite	Site	[illegible]	[illegible]	1,2,3,4,6,7,8-HpCDD	1.2	J	0.09	ng/g
[illegible]	[illegible]	Composite	Site	[illegible]	[illegible]	1,2,3,4,6,7,8-HpCDF	0.05	UJ	0.05	ng/g
[illegible]	[illegible]	Composite	Site	[illegible]	[illegible]	1,2,3,4,7,8,9-HpCDF	0.07	UJ	0.07	ng/g
[illegible]	[illegible]	Composite	Site	[illegible]	[illegible]	1,2,3,4,7,8-HxCDD	0.05	UJ	0.05	ng/g
[illegible]	[illegible]	Composite	Site	[illegible]	[illegible]	1,2,3,4,7,8-HxCDF	0.07	J	0.04	ng/g
[illegible]	[illegible]	Composite	Site	[illegible]	[illegible]	1,2,3,6,7,8-HxCDD	0.18	J	0.05	ng/g
[illegible]	[illegible]	Composite	Site	[illegible]	[illegible]	1,2,3,6,7,8-HxCDF	0.19	J	0.04	ng/g
[illegible]	[illegible]	Composite	Site	[illegible]	[illegible]	1,2,3,7,8,9-HxCDD	0.19	J	0.05	ng/g
[illegible]	[illegible]	Composite	Site	[illegible]	[illegible]	1,2,3,7,8,9-HxCDF	0.05	UJ	0.05	ng/g
[illegible]	[illegible]	Composite	Site	[illegible]	[illegible]	1,2,3,7,8-PeCDD	0.1	J	0.05	ng/g
[illegible]	[illegible]	Composite	Site	[illegible]	[illegible]	1,2,3,7,8-PeCDF	0.04	UJ	0.04	ng/g
[illegible]	[illegible]	Composite	Site	[illegible]	[illegible]	2,3,4,6,7,8-HxCDF	0.16	J	0.04	ng/g
[illegible]	[illegible]	Composite	Site	[illegible]	[illegible]	2,3,4,7,8-PeCDF	0.13	J	0.04	ng/g
[illegible]	[illegible]	Composite	Site	[illegible]	[illegible]	2,3,7,8-TCDD	0.14	U	0.05	ng/g
[illegible]	[illegible]	Composite	Site	[illegible]	[illegible]	2,3,7,8-TCDF	1.3	J	0.04	ng/g
[illegible]	[illegible]	Composite	Site	[illegible]	[illegible]	Total HpCDD	1.9		0.09	ng/g
[illegible]	[illegible]	Composite	Site	[illegible]	[illegible]	Total HpCDF	1.4	J	0.05	ng/g
[illegible]	[illegible]	Composite	Site	[illegible]	[illegible]	Total HxCDD	2.9	J	0.05	ng/g
[illegible]	[illegible]	Composite	Site	[illegible]	[illegible]	Total HxCDF	13	J	0.04	ng/g
[illegible]	[illegible]	Composite	Site	[illegible]	[illegible]	Total PeCDD	7.5	J	0.05	ng/g
[illegible]	[illegible]	Composite	Site	[illegible]	[illegible]	Total PeCDF	48.2	J	0.04	ng/g
[illegible]	[illegible]	Composite	Site	[illegible]	[illegible]	Total TCDD	7.2	J	0.09	ng/g
[illegible]	[illegible]	Composite	Site	[illegible]	[illegible]	Total TCDF	78.3	J	0.04	ng/g
[illegible]	[illegible]	Composite	Site	SVOA	[illegible]	2,4,5-T	8.3	U	8.3	ug/kg
[illegible]	[illegible]	Composite	Site	SVOA	[illegible]	2,4,5-TP (Silvex)	8.3	U	8.3	ug/kg
[illegible]	[illegible]	Composite	Site	SVOA	[illegible]	2,4-D	8.3	U	8.3	ug/kg
[illegible]	[illegible]	Composite	Site	SVOA	[illegible]	2,4-DB	8.3	U	8.3	ug/kg
[illegible]	[illegible]	Composite	Site	SVOA	[illegible]	Dalapon	2000	U	2000	ug/kg
[illegible]	[illegible]	Composite	Site	SVOA	[illegible]	Dicamba	20	U	20	ug/kg
[illegible]	[illegible]	Composite	Site	SVOA	[illegible]	Dichloroprop	100	U	100	ug/kg
[illegible]	[illegible]	Composite	Site	SVOA	[illegible]	Dinoseb	100	U	100	ug/kg
[illegible]	[illegible]	Composite	Site	SVOA	[illegible]	MCPA[(4-chloro-2-methylphenoxy)-acetic acid]	2000	U	2000	ug/kg
[illegible]	[illegible]	Composite	Site	SVOA	[illegible]	MCPP[(+/-)-2-(4-chloro-2-methylphenoxy)-propanoic acid]	2000	U	2000	ug/kg
[illegible]	[illegible]	Composite	Site	SVOA	[illegible]	Pentachlorophenol	17	U	17	ug/kg
[illegible]	[illegible]	Composite	Site	GC	[illegible]	Decachlorobiphenyl	39	U	39	ug/kg
[illegible]	[illegible]	Composite	Site	GC	C-DECHLOROB	Dichlorobiphenyl	19	U	19	ug/kg
[illegible]	[illegible]	Composite	Site	GC	C-HEPTACHLOR	Heptachlorobiphenyl	39	U	39	ug/kg
[illegible]	[illegible]	Composite	Site	GC	C-HEXACHLORO	Hexachlorobiphenyl	39	U	39	ug/kg
[illegible]	[illegible]	Composite	Site	GC	C-NONACHLORO	Nonachlorobiphenyl	19	U	19	ug/kg
[illegible]	[illegible]	Composite	Site	GC	C-OCTACHLORO	Octachlorobiphenyl	39	U	39	ug/kg
[illegible]	[illegible]	Composite	Site	GC	C-OCTA-BIPHE	Octachlorobiphenyl	39	U	39	ug/kg
[illegible]	[illegible]	Composite	Site	GC	C-PENTAPHEN	Pentachlorobiphenyl	39	U	39	ug/kg
[illegible]	[illegible]	Composite	Site	GC	C-TETRACHLOR	Tetrachlorobiphenyl	39	U	39	ug/kg
[illegible]	[illegible]	Composite	Site	GC	C-TOTAL-PCB	Total Polychlorinated Biphenyls	39	U	39	ug/kg
[illegible]	[illegible]	Composite	Site	GC	C-TRICHLOROB	Trichlorobiphenyl	19	U	19	ug/kg
[illegible]	[illegible]	Composite	Site	SSVOA	[illegible]	4,4'-DDD	6.7	J	25	ug/kg
[illegible]	[illegible]	Composite	Site	SSVOA	[illegible]	4,4'-DDE	69		25	ug/kg
[illegible]	[illegible]	Composite	Site	SSVOA	[illegible]	4,4'-DDT	13	J	25	ug/kg
[illegible]	[illegible]	Composite	Site	SSVOA	[illegible]	Aldrin	25	U	25	ug/kg
[illegible]	[illegible]	Composite	Site	SSVOA	[illegible]	alpha-BHC	25	U	25	ug/kg
[illegible]	[illegible]	Composite	Site	SSVOA	[illegible]	alpha-Chlordane	14	J	25	ug/kg
[illegible]	[illegible]	Composite	Site	SSVOA	[illegible]	beta-BHC	25	U	25	ug/kg
[illegible]	[illegible]	Composite	Site	SSVOA	[illegible]	delta-BHC	25	U	25	ug/kg
[illegible]	[illegible]	Composite	Site	SSVOA	[illegible]	Dieldrin	61	J	25	ug/kg
[illegible]	[illegible]	Composite	Site	SSVOA	[illegible]	Endosulfan I	4.3	J	25	ug/kg
[illegible]	[illegible]	Composite	Site	SSVOA	[illegible]	Endosulfan II	25	U	25	ug/kg
[illegible]	[illegible]	Composite	Site	SSVOA	[illegible]	Endosulfan sulfate	25	U	25	ug/kg
[illegible]	[illegible]	Composite	Site	SSVOA	[illegible]	Endrin	7.5	J	25	ug/kg
[illegible]	[illegible]	Composite	Site	SSVOA	[illegible]	Endrin aldehyde	16	J	25	ug/kg
[illegible]	[illegible]	Composite	Site	SSVOA	[illegible]	Endrin ketone	25	U	25	ug/kg

Sample ID	Sample Date	Sample Type 1	Sample Type 3	Analytical Method	CAS Number	Analyte	Concentration	Validation Q	Reporting Limit	Units
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8081A	58-89-9	gamma-BHC (Lindane)	25	U	25	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8081A	5103-74-2	gamma-Chlordane	8.1	J	25	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8081A	76-44-8	Heptachlor	25	U	25	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8081A	1024-57-3	Heptachlor epoxide	8.3	J	25	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8081A	72-43-5	Methoxychlor	100	U	100	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8081A	8001-35-2	Toxaphene	850	U	850	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	87-61-6	1,2,3-Trichlorobenzene	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	120-82-1	1,2,4-Trichlorobenzene	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	95-50-1	1,2-Dichlorobenzene	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	108-70-3	1,3,5-Trichlorobenzene	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	541-73-1	1,3-Dichlorobenzene	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	106-46-7	1,4-Dichlorobenzene	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	108-60-1	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	15950-66-0	2,3,4-Trichlorophenol	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	933-78-8	2,3,5-Trichlorophenol	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	933-7-5	2,3,6-Trichlorophenol	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	95-95-4	2,4,5-Trichlorophenol	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	88-06-2	2,4,6-Trichlorophenol	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	120-83-2	2,4-Dichlorophenol	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	105-67-9	2,4-Dimethylphenol	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	51-28-5	2,4-Dinitrophenol	2500	U	2500	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	121-14-2	2,4-Dinitrotoluene	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	606-20-2	2,6-Dinitrotoluene	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	91-58-7	2-Chloronaphthalene	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	95-57-8	2-Chlorophenol	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	91-57-6	2-Methylnaphthalene	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	95-48-7	2-Methylphenol (o-Cresol)	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	88-74-4	2-Nitroaniline	2500	U	2500	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	88-75-5	2-Nitrophenol	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	91-94-1	3,3'-Dichlorobenzidine	2000	U	2000	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	609-19-8	3,4,5-Trichlorophenol	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	108-44-5	3-Methylphenol/4-Methylphenol (m&p-Cresol)	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	99-09-2	3-Nitroaniline	2500	U	2500	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	534-52-1	4,6-Dinitro-2-methylphenol	2500	U	2500	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	101-55-3	4-Bromophenylphenyl ether	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	59-50-7	4-Chloro-3-methylphenol	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	106-47-8	4-Chloroaniline	990	U	990	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	7005-72-3	4-Chlorophenylphenyl ether	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	100-01-6	4-Nitroaniline	2500	U	2500	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	100-02-7	4-Nitrophenol	2500	U	2500	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	83-32-9	Acenaphthene	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	208-96-8	Acenaphthylene	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	120-12-7	Anthracene	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	56-55-3	Benzo(a)anthracene	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	50-32-8	Benzo(a)pyrene	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	205-99-2	Benzo(b)fluoranthene	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	191-24-2	Benzo(g,h,i)perylene	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	207-08-9	Benzo(k)fluoranthene	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	111-91-1	bis(2-Chloroethoxy)methane	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	111-44-4	bis(2-Chloroethyl)ether	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	117-81-7	bis(2-Ethylhexyl)phthalate	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	85-68-7	Butylbenzylphthalate	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	86-74-8	Carbazole	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	218-01-9	Chrysene	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	84-74-2	Di-n-butylphthalate	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	117-84-0	Di-n-octylphthalate	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	53-70-3	Dibenzo(a,h)anthracene	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	132-64-9	Dibenzofuran	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	84-66-2	Diethylphthalate	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	131-11-3	Dimethylphthalate	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	206-44-0	Fluoranthene	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	86-73-7	Fluorene	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	118-74-1	Hexachlorobenzene	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	87-68-3	Hexachlorobutadiene	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	77-47-4	Hexachlorocyclopentadiene	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	67-72-1	Hexachloroethane	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	193-39-5	Indeno(1,2,3-cd)pyrene	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	78-59-1	Isophorone	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	621-64-7	N-Nitroso-di-n-propylamine	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	86-30-6	N-Nitrosodiphenylamine	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	91-20-3	Naphthalene	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	98-95-3	Nitrobenzene	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	87-86-5 (SVOC)	Pentachlorophenol (SVOC)	2500	U	2500	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	85-01-8	Phenanthrene	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	108-95-2	Phenol	510	U	510	ug/kg
PDA Drum-Comp#4	03-Nov-00	Composite	Site	8270C	129-00-0	Pyrene	510	U	510	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	% Lipids	% Lipids	% Lipids	4			%
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	SW8290	3268-87-9	1,2,3,4,6,7,8,9-OCDD	7.5		0.2	pg/g
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	SW8290	39001-02-0	1,2,3,4,6,7,8,9-OCDF	0.34	U	0.2	pg/g
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	SW8290	35822-46-9	1,2,3,4,6,7,8-HpCDD	1.4	J	0.1	pg/g
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	SW8290	67562-39-4	1,2,3,4,6,7,8-HpCDF	0.08	UJ	0.08	pg/g
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	SW8290	55673-89-7	1,2,3,4,7,8,9-HpCDF	0.1	UJ	0.1	pg/g
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	SW8290	39227-28-6	1,2,3,4,7,8-HxCDD	0.1	UJ	0.1	pg/g

Appendix B-H

Results of Chemical Analyses of Fish Tissue Collected from Mississippi River near Saugat Area 2 Sites (Krumenich Data)

Sample ID	Sample Date	Sample Type 1	Sample Type 2	Analytical Method	CAS Number	Analyte	Concentration	Validation Q	Reporting Limit	Units
MRA Buffalo Pike	25-Oct-05	Composite	Reference	[illegible]	[illegible]	1,2,3,4,7,8-HxCDF	0.27	U	0.05	ng/g
MRA Buffalo Pike	25-Oct-05	Composite	Reference	[illegible]	[illegible]	1,2,3,6,7,8-HxCDD	0.02	J	0.05	ng/g
MRA Buffalo Pike	25-Oct-05	Composite	Reference	[illegible]	[illegible]	1,2,3,6,7,8-HxCDF	0.11	U	0.05	ng/g
MRA Buffalo Pike	25-Oct-05	Composite	Reference	[illegible]	[illegible]	1,2,3,7,8,9-HxCDD	0.25	J	0.05	ng/g
MRA Buffalo Pike	25-Oct-05	Composite	Reference	[illegible]	[illegible]	1,2,3,7,8,9-HxCDF	0.05	UJ	0.05	ng/g
MRA Buffalo Pike	25-Oct-05	Composite	Reference	[illegible]	[illegible]	1,2,3,7,8-PeCDD	0.05	J	0.05	ng/g
MRA Buffalo Pike	25-Oct-05	Composite	Reference	[illegible]	[illegible]	1,2,3,7,8-PeCDF	0.07	UJ	0.07	ng/g
MRA Buffalo Pike	25-Oct-05	Composite	Reference	[illegible]	[illegible]	2,3,4,6,7,8-HxCDF	0.15	J	0.07	ng/g
MRA Buffalo Pike	25-Oct-05	Composite	Reference	[illegible]	[illegible]	2,3,4,7,8-PeCDF	0.79	J	0.07	ng/g
MRA Buffalo Pike	25-Oct-05	Composite	Reference	[illegible]	[illegible]	2,3,7,8-TCDD	3.3		0.05	ng/g
MRA Buffalo Pike	25-Oct-05	Composite	Reference	[illegible]	[illegible]	2,3,7,8-TCDF	1.8	J	0.05	ng/g
MRA Buffalo Pike	25-Oct-05	Composite	Reference	[illegible]	[illegible]	Total HpCDD	1.7		0.1	ng/g
MRA Buffalo Pike	25-Oct-05	Composite	Reference	[illegible]	[illegible]	Total HpCDF	2.4	J	0.09	ng/g
MRA Buffalo Pike	25-Oct-05	Composite	Reference	[illegible]	[illegible]	Total HxCDD	2	J	0.1	ng/g
MRA Buffalo Pike	25-Oct-05	Composite	Reference	[illegible]	[illegible]	Total HxCDF	11.6	J	0.07	ng/g
MRA Buffalo Pike	25-Oct-05	Composite	Reference	[illegible]	[illegible]	Total PeCDD	2.1	J	0.09	ng/g
MRA Buffalo Pike	25-Oct-05	Composite	Reference	[illegible]	[illegible]	Total PeCDF	27.6	J	0.07	ng/g
MRA Buffalo Pike	25-Oct-05	Composite	Reference	[illegible]	[illegible]	Total TCDD	3.7	J	0.05	ng/g
MRA Buffalo Pike	25-Oct-05	Composite	Reference	[illegible]	[illegible]	Total TCDF	48.3	J	0.06	ng/g
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8151	93-76-5	2,4,5-T	8.3	U	8.3	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8151	93-72-1	2,4,5-TP (Silvex)	8.3	U	8.3	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8151	94-75-7	2,4-D	8.3	U	8.3	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8151	94-82-6	2,4-DB	8.3	U	8.3	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8151	75-99-0	Dalapon	2000	U	2000	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8151	1918-00-9	Dicamba	20	U	20	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8151	120-36-5	Dichlorprop	100	U	100	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8151	88-85-7	Dinoseb	100	U	100	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8151	94-74-6	MCPA[(4-chloro-2-methylphenoxy)-acetic acid]	2000	U	2000	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8151	7085-19-0	MCPP[(2-(4-chloro-2-methylphenoxy)-propanoic acid]	2000	U	2000	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8151	87-86-5	Pentachlorophenol	17	U	17	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	608	2051-24-3	Decachlorobiphenyl	50	U	50	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	608	C-DICHLOROB	Dichlorobiphenyl	10	U	10	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	608	C-HEPTACHLOR	Heptachlorobiphenyl	30	U	30	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	608	C-HEXACHLORO	Hexachlorobiphenyl	20	U	20	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	608	C-MONOCHLORO	Monochlorobiphenyl	10	U	10	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	608	C-NONACHLORO	Nonachlorobiphenyl	30	U	30	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	608	C-OCTA-BPHE	Octachlorobiphenyl	30	U	30	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	608	C-PENTBPHEN	Pentachlorobiphenyl	20	U	20	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	608	C-TETRACHLOR	Tetrachlorobiphenyl	20	U	20	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	608	C-TOTAL-PCB	Total Polychlorinated Biphenyls	30	U	30	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	608	C-TRICHLOROB	Trichlorobiphenyl	10	U	10	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8081A	72-54-8	4,4'-DDD	25	U	25	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8081A	72-55-9	4,4'-DDE	17	J	25	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8081A	50-29-3	4,4'-DDT	8.6	J	25	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8081A	309-00-2	Aldrin	25	U	25	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8081A	319-84-6	alpha-BHC	25	U	25	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8081A	5103-71-9	alpha-Chlordane	5.8	J	25	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8081A	319-85-7	beta-BHC	25	U	25	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8081A	319-86-8	delta-BHC	25	U	25	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8081A	60-57-1	Dieldrin	8.1	J	25	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8081A	959-98-8	Endosulfan I	25	U	25	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8081A	33213-65-9	Endosulfan II	25	U	25	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8081A	1031-07-8	Endosulfan sulfate	25	U	25	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8081A	72-20-8	Endrin	25	U	25	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8081A	7421-93-4	Endrin aldehyde	7.3	J	25	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8081A	53494-70-5	Endrin ketone	25	U	25	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8081A	58-89-9	gamma-BHC (Lindane)	1.2	J	25	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8081A	5103-74-2	gamma-Chlordane	5.2	J	25	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8081A	76-44-8	Heptachlor	25	U	25	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8081A	1024-57-3	Heptachlor epoxide	25	U	25	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8081A	72-43-5	Methoxychlor	100	U	100	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8081A	8001-35-2	Toxaphene	500	U	500	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8270C	87-61-6	1,2,3-Trichlorobenzene	340	U	340	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8270C	120-82-1	1,2,4-Trichlorobenzene	340	U	340	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8270C	95-50-1	1,2-Dichlorobenzene	340	U	340	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8270C	108-70-3	1,3,5-Trichlorobenzene	340	U	340	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8270C	541-73-1	1,3-Dichlorobenzene	340	U	340	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8270C	106-46-7	1,4-Dichlorobenzene	340	U	340	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8270C	95-80-7	2,4-Diaminotoluene	340	U	340	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8270C	95-63-6	2,4,5-Trimethylaniline	340	U	340	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8270C	88-06-2	2,4,6-Trichlorophenol	340	U	340	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8270C	120-83-2	2,4-Dichlorophenol	340	U	340	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8270C	105-67-9	2,4-Dimethylphenol	340	U	340	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8270C	51-28-5	2,4-Dinitrophenol	2000	U	2000	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8270C	121-14-2	2,4-Dinitrotoluene	340	U	340	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8270C	606-20-2	2,6-Dinitrotoluene	340	U	340	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8270C	91-58-7	2-Chloronaphthalene	340	U	340	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8270C	95-57-8	2-Chlorophenol	340	U	340	ug/kg
MRA Buffalo Pike	25-Oct-05	Composite	Reference	8270C	91-57-6	2-Methylnaphthalene	340	U	340	ug/kg

Appendix II-H
Results of Chemical Analysis of Fish Tissue Collected from Mississippi River near Sauget Area 2 Sites (Krummrich Data)

Sample ID	Sample Date	Sample Type 1	Sample Type 3	Analytical Method	CAS Number	Analyte	Concentration	Validation Q	Reporting Limit	Units
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	95-48-7	2-Methylphenol (o-Cresol)	510	U	510	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	88-74-4	2-Nitroaniline	2500	U	2500	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	88-75-5	2-Nitrophenol	510	U	510	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	91-94-1	3,3'-Dichlorobenzidine	2000	U	2000	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	609-19-8	3,4,6-Trichlorophenol	510	U	510	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	108-44-5	3-Methylphenol/4-Methylphenol (m&p-Cresol)	510	U	510	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	99-09-2	3-Nitroaniline	2500	U	2500	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	534-52-1	4,6-Dinitro-2-methylphenol	2500	U	2500	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	101-55-3	4-Bromophenylphenyl ether	510	U	510	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	59-50-7	4-Chloro-3-methylphenol	510	U	510	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	106-47-8	4-Chloroaniline	990	U	990	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	7005-72-3	4-Chlorophenylphenyl ether	510	U	510	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	100-01-6	4-Nitroaniline	2500	U	2500	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	100-02-7	4-Nitrophenol	2500	U	2500	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	83-32-9	Acenaphthene	510	U	510	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	208-96-8	Acenaphthylene	510	U	510	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	120-12-7	Anthracene	510	U	510	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	56-55-3	Benzo(a)anthracene	510	U	510	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	50-32-8	Benzo(a)pyrene	510	U	510	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	205-99-2	Benzo(b)fluoranthene	510	U	510	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	191-24-2	Benzo(g,h,i)perylene	510	U	510	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	207-08-9	Benzo(k)fluoranthene	510	U	510	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	111-91-1	bis(2-Chloroethoxy)methane	510	U	510	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	111-44-4	bis(2-Chloroethyl)ether	510	U	510	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	117-81-7	bis(2-Ethylhexyl)phthalate	510	U	510	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	85-68-7	Butylbenzylphthalate	510	U	510	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	86-74-8	Carbazole	510	U	510	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	218-01-9	Chrysene	510	U	510	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	84-74-2	Di-n-butylphthalate	510	U	510	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	117-84-0	Di-n-octylphthalate	510	U	510	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	53-70-3	Dibenzo(a,h)anthracene	510	U	510	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	132-64-9	Dibenzofuran	510	U	510	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	84-66-2	Diethylphthalate	510	U	510	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	131-11-3	Dimethylphthalate	510	U	510	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	206-44-0	Fluoranthene	510	U	510	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	86-73-7	Fluorene	510	U	510	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	118-74-1	Hexachlorobenzene	510	U	510	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	87-68-3	Hexachlorobutadiene	510	U	510	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	77-47-4	Hexachlorocyclopentadiene	510	U	510	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	67-72-1	Hexachloroethane	510	U	510	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	193-39-5	Indeno(1,2,3-cd)pyrene	510	U	510	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	78-59-1	Isophorone	510	U	510	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	621-64-7	N-Nitroso-di-n-propylamine	510	U	510	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	86-30-6	N-Nitrosodiphenylamine	510	U	510	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	91-20-3	Naphthalene	510	U	510	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	98-95-3	Nitrobenzene	510	U	510	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	87-86-5 (SVOC)	Pentachlorophenol (SVOC)	2500	U	2500	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	85-01-8	Phenanthrene	510	U	510	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	108-95-2	Phenol	510	U	510	ug/kg
UDA Buffalo Fillet	25-Oct-00	Composite	Reference	8270C	129-00-0	Pyrene	510	U	510	ug/kg
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	% Lipids	% Lipids	% Lipids	9			%
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	SW8290	3268-87-9	1,2,3,4,6,7,8,9-OCDD	8.1	J	0.2	pg/g
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	SW8290	39001-02-0	1,2,3,4,6,7,8,9-OCDF	0.32	UJ	0.1	pg/g
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	SW8290	35822-46-9	1,2,3,4,6,7,8-HpCDD	2.8		0.1	pg/g
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	SW8290	67562-39-4	1,2,3,4,6,7,8-HpCDF	0.06	UJ	0.06	pg/g
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	SW8290	55673-89-7	1,2,3,4,7,8,9-HpCDF	0.08	UJ	0.08	pg/g
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	SW8290	39227-28-6	1,2,3,4,7,8-HxCDD	0.33	J	0.06	pg/g
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	SW8290	70648-26-9	1,2,3,4,7,8-HxCDF	0.42	J	0.05	pg/g
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	SW8290	57653-85-7	1,2,3,6,7,8-HxCDD	1.3	J	0.06	pg/g
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	SW8290	57117-44-9	1,2,3,6,7,8-HxCDF	0.19	J	0.05	pg/g
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	SW8290	19408-74-3	1,2,3,7,8,9-HxCDD	0.51	J	0.06	pg/g
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	SW8290	72918-21-9	1,2,3,7,8,9-HxCDF	0.07	UJ	0.07	pg/g
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	SW8290	40321-76-4	1,2,3,7,8-PeCDD	0.61	J	0.07	pg/g
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	SW8290	57117-41-6	1,2,3,7,8-PeCDF	0.06	UJ	0.06	pg/g
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	SW8290	60851-34-5	2,3,4,6,7,8-HxCDF	0.27	J	0.06	pg/g
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	SW8290	57117-31-4	2,3,4,7,8-PeCDF	0.59	J	0.06	pg/g
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	SW8290	1746-01-6	2,3,7,8-TCDD	0.53		0.07	pg/g
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	SW8290	51207-31-9	2,3,7,8-TCDF	0.35	J	0.05	pg/g
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	SW8290	37871-00-4	Total HpCDD	3.1		0.1	pg/g
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	SW8290	38998-75-3	Total HpCDF	2.2	J	0.07	pg/g
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	SW8290	34465-46-8	Total HxCDD	2.6	J	0.06	pg/g
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	SW8290	55684-94-1	Total HxCDF	18.9	J	0.06	pg/g
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	SW8290	36088-22-9	Total PeCDD	1.9	J	0.07	pg/g
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	SW8290	30402-15-4	Total PeCDF	47.8	J	0.06	pg/g
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	SW8290	41903-57-5	Total TCDD	0.62	J	0.07	pg/g
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	SW8290	55722-27-5	Total TCDF	121	J	0.05	pg/g
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	8151	93-76-5	2,4,5-T	8.3	U	8.3	ug/kg
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	8151	93-72-1	2,4,5-TP (Silvex)	8.3	U	8.3	ug/kg
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	8151	94-75-7	2,4-D	8.3	U	8.3	ug/kg
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	8151	94-82-6	2,4-DB	8.3	U	8.3	ug/kg
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	8151	75-99-0	Dalapon	2000	U	2000	ug/kg
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	8151	1918-00-9	Dicamba	6.5	J	20	ug/kg

Appendix II-H
Results of Chemical Analysis of Fish Tissue Collected from Mississippi River near Saugat Area 2 Sites (Krummrich Data)

Sample ID	Sample Date	Sample Type 1	Sample Type 3	Analytical Method	CAS Number	Analyte	Concentration	Validation Q	Reporting Limit	Units
[illegible]	29-Oct-03	Composite	Reference	8151	120-83-6	Dichlorprop	100	U	100	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8151	93-65-7	Dinoseb	100	U	100	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8151	94-74-6	MCPA[4-chloro-2-methylphenoxy acetic acid]	2000	U	2000	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8151	7085-19-0	MCPP[2-(4-chloro-2-methylphenoxy) propanoic acid]	2000	U	2000	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8151	87-86-5	Pentachlorophenol	17	U	17	ug/kg
[illegible]	29-Oct-03	Composite	Reference	608	2051-24-3	Decachlorobiphenyl	20	U	20	ug/kg
[illegible]	29-Oct-03	Composite	Reference	608	C-DICHLOROB	Dichlorobiphenyl	10	U	10	ug/kg
[illegible]	29-Oct-03	Composite	Reference	608	C-HEPTACHLOR	Heptachlorobiphenyl	20	U	20	ug/kg
[illegible]	29-Oct-03	Composite	Reference	608	C-HEXACHLORO	Hexachlorobiphenyl	20	U	20	ug/kg
[illegible]	29-Oct-03	Composite	Reference	608	C-MONOCHLORO	Monochlorobiphenyl	10	U	10	ug/kg
[illegible]	29-Oct-03	Composite	Reference	608	C-NONACHLORO	Nonachlorobiphenyl	20	U	50	ug/kg
[illegible]	29-Oct-03	Composite	Reference	608	C-OCTA-BIPHE	Octachlorobiphenyl	20	U	20	ug/kg
[illegible]	29-Oct-03	Composite	Reference	608	C-PENTAPHEN	Pentachlorobiphenyl	20	U	20	ug/kg
[illegible]	29-Oct-03	Composite	Reference	608	C-TETRACHLOR	Tetrachlorobiphenyl	20	U	20	ug/kg
[illegible]	29-Oct-03	Composite	Reference	608	C-TOTAL-PCB	Total Polychlorinated Biphenyls	20	U	80	ug/kg
[illegible]	29-Oct-03	Composite	Reference	608	C-TRICHLOROB	Trichlorobiphenyl	10	U	10	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8081A	72-54-8	4,4'-DDD	20	U	50	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8081A	72-55-9	4,4'-DDE	20	U	50	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8081A	50-29-3	4,4'-DDT	20	U	50	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8081A	309-00-2	Aldrin	20	U	50	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8081A	319-84-6	alpha-BHC	20	U	50	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8081A	5103-71-9	alpha-Chlordane	20	U	50	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8081A	319-85-7	beta-BHC	20	U	50	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8081A	319-86-8	delta-BHC	20	U	50	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8081A	60-57-1	Dieldrin	20	U	50	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8081A	959-98-8	Endosulfan I	20	U	50	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8081A	33213-65-9	Endosulfan II	20	U	50	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8081A	1031-07-8	Endosulfan sulfate	20	U	50	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8081A	72-20-8	Endrin	20	U	50	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8081A	7421-93-4	Endrin aldehyde	20	U	50	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8081A	53494-70-5	Endrin ketone	20	U	50	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8081A	58-89-9	gamma-BHC (Lindane)	20	U	50	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8081A	5103-74-2	gamma-Chlordane	20	U	50	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8081A	76-44-8	Heptachlor	20	U	50	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8081A	1024-57-3	Heptachlor epoxide	20	U	50	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8081A	72-43-5	Methoxychlor	200	U	200	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8081A	8001-35-2	Toxaphene	1700	U	1700	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	87-61-6	1,2,3-Trichlorobenzene	340	U	340	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	120-82-1	1,2,4-Trichlorobenzene	340	U	340	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	95-50-1	1,2-Dichlorobenzene	340	U	340	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	108-70-3	1,3,5-Trichlorobenzene	340	U	340	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	541-73-1	1,3-Dichlorobenzene	340	U	340	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	106-46-7	1,4-Dichlorobenzene	340	U	340	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	108-60-1	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	340	U	340	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	95-94-3	2,3,4,6-Tetrachlorophenol	340	U	340	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	933-75-5	2,3,5-Trichlorophenol	340	U	340	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	933-75-5	2,3,6-Trichlorophenol	340	U	340	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	95-95-4	2,4,5-Trichlorophenol	340	U	340	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	88-06-2	2,4,6-Trichlorophenol	340	U	340	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	120-83-2	2,4-Dichlorophenol	340	U	340	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	105-67-9	2,4-Dimethylphenol	340	U	340	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	51-28-5	2,4-Dinitrophenol	2000	U	2000	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	121-14-2	2,4-Dinitrotoluene	340	U	340	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	606-20-2	2,6-Dinitrotoluene	340	U	340	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	91-58-7	2-Chloronaphthalene	340	U	340	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	95-57-8	2-Chlorophenol	340	U	340	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	91-57-6	2-Methylnaphthalene	340	U	340	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	95-48-7	2-Methylphenol (o-Cresol)	340	U	340	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	88-74-4	2-Nitroaniline	2000	U	2000	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	88-75-5	2-Nitrophenol	340	U	340	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	91-94-1	3,3'-Dichlorobenzidine	2000	U	2000	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	609-19-8	3,4,5-Trichlorophenol	340	U	340	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	108-44-5	3-Methylphenol/4-Methylphenol (m/p-Cresol)	340	U	340	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	99-09-2	3-Nitroaniline	2000	U	2000	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	534-52-1	4,6-Dinitro-2-methylphenol	2000	U	2000	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	101-55-3	4-Bromophenylphenyl ether	340	U	340	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	59-50-7	4-Chloro-3-methylphenol	340	U	340	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	106-47-8	4-Chloroaniline	680	U	680	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	7005-72-3	4-Chlorophenylphenyl ether	340	U	340	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	100-01-6	4-Nitroaniline	2000	U	2000	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	100-02-7	4-Nitrophenol	2000	U	2000	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	83-32-9	Acenaphthene	340	U	340	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	208-96-8	Acenaphthylene	340	U	340	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	120-12-7	Anthracene	340	U	340	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	56-55-3	Benzo(a)anthracene	340	U	340	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	50-32-8	Benzo(a)pyrene	340	U	340	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	205-99-2	Benzo(b)fluoranthene	340	U	340	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	191-24-2	Benzo(g,h,i)perylene	340	U	340	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	207-08-9	Benzo(k)fluoranthene	340	U	340	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	111-91-1	bis(2-Chloroethoxy)methane	340	U	340	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	111-44-4	bis(2-Chloroethyl)ether	340	U	340	ug/kg
[illegible]	29-Oct-03	Composite	Reference	8270C	117-81-7	bis(2-Ethylhexyl)phthalate	340	U	340	ug/kg

Sample ID	Sample Date	Sample Type 1	Sample Type 3	Analytical Method	CAS Number	Analyte	Concentration	Validation Q	Reporting Limit	Units
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	8270C	85-68-7	Butylbenzylphthalate	510	U	510	ug/kg
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	8270C	86-74-8	Carbazole	510	U	510	ug/kg
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	8270C	218-01-9	Chrysene	510	U	510	ug/kg
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	8270C	84-74-2	Di-n-butylphthalate	510	U	510	ug/kg
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	8270C	117-84-0	Di-n-octylphthalate	510	U	510	ug/kg
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	8270C	53-70-3	Dibenzo(a,h)anthracene	510	U	510	ug/kg
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	8270C	132-64-9	Dibenzofuran	510	U	510	ug/kg
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	8270C	84-66-2	Diethylphthalate	510	U	510	ug/kg
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	8270C	131-11-3	Dimethylphthalate	510	U	510	ug/kg
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	8270C	206-44-0	Fluoranthene	510	U	510	ug/kg
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	8270C	86-73-7	Fluorene	510	U	510	ug/kg
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	8270C	118-74-1	Hexachlorobenzene	510	U	510	ug/kg
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	8270C	87-68-3	Hexachlorobutadiene	510	U	510	ug/kg
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	8270C	77-47-4	Hexachlorocyclopentadiene	510	U	510	ug/kg
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	8270C	67-72-1	Hexachloroethane	510	U	510	ug/kg
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	8270C	193-39-5	Indeno(1,2,3-cd)pyrene	510	U	510	ug/kg
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	8270C	78-59-1	Isophorone	510	U	510	ug/kg
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	8270C	621-64-7	N-Nitroso-di-n-propylamine	510	U	510	ug/kg
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	8270C	86-30-6	N-Nitrosodiphenylamine	510	U	510	ug/kg
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	8270C	91-20-3	Naphthalene	510	U	510	ug/kg
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	8270C	98-95-3	Nitrobenzene	510	U	510	ug/kg
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	8270C	87-86-5 (SVOC)	Pentachlorophenol (SVOC)	2500	U	2500	ug/kg
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	8270C	85-01-8	Phenanthrene	510	U	510	ug/kg
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	8270C	108-95-2	Phenol	510	U	510	ug/kg
UDA Channel Catfish-Comp#1	26-Oct-00	Composite	Reference	8270C	129-00-0	Pyrene	510	U	510	ug/kg
UDA Drum Comp	02-Nov-00	Composite	Reference	% Lipids	% Lipids	% Lipids	10			%
UDA Drum Comp	02-Nov-00	Composite	Reference	SW8290	3268-87-9	1,2,3,4,6,7,8,9-OCDD	4.8	J	0.1	pg/g
UDA Drum Comp	02-Nov-00	Composite	Reference	SW8290	39001-02-0	1,2,3,4,6,7,8,9-OCDF	0.28	U	0.1	pg/g
UDA Drum Comp	02-Nov-00	Composite	Reference	SW8290	35822-46-9	1,2,3,4,6,7,8-HpCDD	0.76	J	0.1	pg/g
UDA Drum Comp	02-Nov-00	Composite	Reference	SW8290	67562-39-4	1,2,3,4,6,7,8-HpCDF	0.08	UJ	0.08	pg/g
UDA Drum Comp	02-Nov-00	Composite	Reference	SW8290	55673-89-7	1,2,3,4,7,8,9-HpCDF	0.08	UJ	0.08	pg/g
UDA Drum Comp	02-Nov-00	Composite	Reference	SW8290	39227-28-6	1,2,3,4,7,8-HxCDD	0.07	UJ	0.07	pg/g
UDA Drum Comp	02-Nov-00	Composite	Reference	SW8290	70648-26-9	1,2,3,4,7,8-HxCDF	0.51	J	0.05	pg/g
UDA Drum Comp	02-Nov-00	Composite	Reference	SW8290	57653-85-7	1,2,3,6,7,8-HxCDD	0.36	J	0.07	pg/g
UDA Drum Comp	02-Nov-00	Composite	Reference	SW8290	57117-44-9	1,2,3,6,7,8-HxCDF	0.28	J	0.04	pg/g
UDA Drum Comp	02-Nov-00	Composite	Reference	SW8290	19408-74-3	1,2,3,7,8,9-HxCDD	0.2	J	0.07	pg/g
UDA Drum Comp	02-Nov-00	Composite	Reference	SW8290	72918-21-9	1,2,3,7,8,9-HxCDF	0.06	UJ	0.06	pg/g
UDA Drum Comp	02-Nov-00	Composite	Reference	SW8290	40321-76-4	1,2,3,7,8-PeCDD	0.06	UJ	0.06	pg/g
UDA Drum Comp	02-Nov-00	Composite	Reference	SW8290	57117-41-6	1,2,3,7,8-PeCDF	0.05	UJ	0.05	pg/g
UDA Drum Comp	02-Nov-00	Composite	Reference	SW8290	60851-34-5	2,3,4,6,7,8-HxCDF	0.15	U	0.05	pg/g
UDA Drum Comp	02-Nov-00	Composite	Reference	SW8290	57117-31-4	2,3,4,7,8-PeCDF	0.05	UJ	0.05	pg/g
UDA Drum Comp	02-Nov-00	Composite	Reference	SW8290	1746-01-6	2,3,7,8-TCDD	0.17	J	0.06	pg/g
UDA Drum Comp	02-Nov-00	Composite	Reference	SW8290	51207-31-9	2,3,7,8-TCDF	1	J	0.04	pg/g
UDA Drum Comp	02-Nov-00	Composite	Reference	SW8290	37871-00-4	Total HpCDD	1		0.1	pg/g
UDA Drum Comp	02-Nov-00	Composite	Reference	SW8290	38998-75-3	Total HpCDF	2.9	J	0.07	pg/g
UDA Drum Comp	02-Nov-00	Composite	Reference	SW8290	34465-46-8	Total HxCDD	1.3	U	0.07	pg/g
UDA Drum Comp	02-Nov-00	Composite	Reference	SW8290	55684-94-1	Total HxCDF	18.4	J	0.05	pg/g
UDA Drum Comp	02-Nov-00	Composite	Reference	SW8290	36088-22-9	Total PeCDD	2.2	J	0.06	pg/g
UDA Drum Comp	02-Nov-00	Composite	Reference	SW8290	30402-15-4	Total PeCDF	49.4	J	0.05	pg/g
UDA Drum Comp	02-Nov-00	Composite	Reference	SW8290	41903-57-5	Total TCDD	0.75	J	0.06	pg/g
UDA Drum Comp	02-Nov-00	Composite	Reference	SW8290	55722-27-5	Total TCDF	84.2	J	0.04	pg/g
UDA Drum Comp	02-Nov-00	Composite	Reference	8151	93-76-5	2,4,5-T	7.1	J	8.3	ug/kg
UDA Drum Comp	02-Nov-00	Composite	Reference	8151	93-72-1	2,4,5-TP (Silvex)	7.5	J	8.3	ug/kg
UDA Drum Comp	02-Nov-00	Composite	Reference	8151	94-75-7	2,4-D	8.3	U	8.3	ug/kg
UDA Drum Comp	02-Nov-00	Composite	Reference	8151	94-82-6	2,4-DB	8.3	U	8.3	ug/kg
UDA Drum Comp	02-Nov-00	Composite	Reference	8151	75-99-0	Dalapon	2000	U	2000	ug/kg
UDA Drum Comp	02-Nov-00	Composite	Reference	8151	1918-00-9	Dicamba	5.2	J	20	ug/kg
UDA Drum Comp	02-Nov-00	Composite	Reference	8151	120-36-5	Dichloroprop	100	U	100	ug/kg
UDA Drum Comp	02-Nov-00	Composite	Reference	8151	88-85-7	Dinoseb	100	U	100	ug/kg
UDA Drum Comp	02-Nov-00	Composite	Reference	8151	94-74-6	MCPA[(4-chloro-2-methylphenoxy)-acetic acid]	2000	U	2000	ug/kg
UDA Drum Comp	02-Nov-00	Composite	Reference	8151	7085-19-0	MCPP[2-(4-chloro-2-methylphenoxy)-propanoic acid]	2000	U	2000	ug/kg
UDA Drum Comp	02-Nov-00	Composite	Reference	8151	87-86-5	Pentachlorophenol	17	U	17	ug/kg
UDA Drum Comp	02-Nov-00	Composite	Reference	680	2051-24-3	Decachlorobiphenyl	50	U	50	ug/kg
UDA Drum Comp	02-Nov-00	Composite	Reference	680	C-DICHLOROBI	Dichlorobiphenyl	10	U	10	ug/kg
UDA Drum Comp	02-Nov-00	Composite	Reference	680	C-HEPTACHLOR	Heptachlorobiphenyl	30	U	30	ug/kg
UDA Drum Comp	02-Nov-00	Composite	Reference	680	C-HEXACHLORO	Hexachlorobiphenyl	20	U	20	ug/kg
UDA Drum Comp	02-Nov-00	Composite	Reference	680	C-MONOCHLORO	Monochlorobiphenyl	10	U	10	ug/kg
UDA Drum Comp	02-Nov-00	Composite	Reference	680	C-NONACHLORO	Nonachlorobiphenyl	50	U	50	ug/kg
UDA Drum Comp	02-Nov-00	Composite	Reference	680	C-OCTA-BIPHE	Octachlorobiphenyl	30	U	30	ug/kg
UDA Drum Comp	02-Nov-00	Composite	Reference	680	C-PENTBIPHEN	Pentachlorobiphenyl	20	U	20	ug/kg
UDA Drum Comp	02-Nov-00	Composite	Reference	680	C-TETRACHLOR	Tetrachlorobiphenyl	20	U	20	ug/kg
UDA Drum Comp	02-Nov-00	Composite	Reference	680	C-TOTAL-PCB	Total Polychlorinated Biphenyls	50	U	50	ug/kg
UDA Drum Comp	02-Nov-00	Composite	Reference	680	C-TRICHLOROB	Trichlorobiphenyl	10	U	10	ug/kg
UDA Drum Comp	02-Nov-00	Composite	Reference	8081A	72-54-8	4,4'-DDD	25	U	25	ug/kg
UDA Drum Comp	02-Nov-00	Composite	Reference	8081A	72-55-9	4,4'-DDE	25	J	25	ug/kg
UDA Drum Comp	02-Nov-00	Composite	Reference	8081A	50-29-3	4,4'-DDT	7.6	J	25	ug/kg
UDA Drum Comp	02-Nov-00	Composite	Reference	8081A	309-00-2	Aldrin	25	U	25	ug/kg
UDA Drum Comp	02-Nov-00	Composite	Reference	8081A	319-84-6	alpha-BHC	25	U	25	ug/kg
UDA Drum Comp	02-Nov-00	Composite	Reference	8081A	5103-71-9	alpha-Chlordane	25	U	25	ug/kg
UDA Drum Comp	02-Nov-00	Composite	Reference	8081A	319-85-7	beta-BHC	25	U	25	ug/kg
UDA Drum Comp	02-Nov-00	Composite	Reference	8081A	319-86-8	delta-BHC	25	U	25	ug/kg
UDA Drum Comp	02-Nov-00	Composite	Reference	8081A	60-57-1	Dieldrin	32	J	25	ug/kg
UDA Drum Comp	02-Nov-00	Composite	Reference	8081A	959-98-8	Endosulfan I	3	J	25	ug/kg

Appendix B-H

Results of Chemical Analysis of Fish Tissue Collected from Mississippi River near Saugat Area 2 Sites (Krummrich Data)

Sample ID	Sample Date	Sample Type 1	Sample Type 2	Analytical Method	CAS Number	Analyte	Concentration	Validation Q	Reporting Limit	Units
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	[illegible]	25	U	25	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	[illegible]	25	U	25	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	[illegible]	25	U	25	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	[illegible]	7.4	J	25	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	[illegible]	25	U	25	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	[illegible]	25	U	25	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	[illegible]	5.8	J	25	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	[illegible]	25	U	25	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	[illegible]	25	U	25	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	[illegible]	100	U	100	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	[illegible]	500	U	500	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	1,2,3-Trichlorobenzene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	1,2,4-Trichlorobenzene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	1,2-Dichlorobenzene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	1,3,5-Trichlorobenzene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	1,3-Dichlorobenzene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	1,4-Dichlorobenzene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	2,2'-Oxybis(1-Chloropropane) (Bis-2-chloroisopropyl ether)	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	2,3,4-Trichlorophenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	2,3,5-Trichlorophenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	2,3,6-Trichlorophenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	2,4,5-Trichlorophenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	2,4,6-Trichlorophenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	2,4-Dichlorophenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	2,4-Dimethylphenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	2,4-Dinitrophenol	2500	U	2500	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	2,4-Dinitrotoluene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	2,6-Dinitrotoluene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	2-Chloronaphthalene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	2-Chlorophenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	2-Methylnaphthalene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	2-Methylphenol (o-Cresol)	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	2-Nitroaniline	2500	U	2500	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	2-Nitrophenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	3,3'-Dichlorobenzidine	2500	U	2500	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	3,4,5-Trichlorophenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	3-Methylphenol/4-Methylphenol (m&p-Cresol)	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	3-Nitroaniline	2500	U	2500	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	4,6-Dinitro-2-methylphenol	2500	U	2500	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	4-Bromophenylphenyl ether	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	4-Chloro-3-methylphenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	4-Chloroaniline	500	U	500	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	4-Chlorophenylphenyl ether	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	4-Nitroaniline	2500	U	2500	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	4-Nitrophenol	2500	U	2500	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	Acenaphthene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	Acenaphthylene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	Anthracene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	Benzo(a)anthracene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	Benzo(a)pyrene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	Benzo(b)fluoranthene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	Benzo(g,h,i)perylene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	Benzo(k)fluoranthene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	bis(2-Chloroethyl)ether	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	bis(2-Chloroethyl)ether	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	bis(2-Ethylhexyl)phthalate	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	Butylbenzylphthalate	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	Carbazole	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	Chrysene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	Di-n-butylphthalate	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	Di-n-octylphthalate	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	Dibenzo(a,h)anthracene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	Dibenzofuran	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	Diethylphthalate	110	J	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	Dimethylphthalate	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	Fluoranthene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	Fluorene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	Hexachlorobenzene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	Hexachlorobutadiene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	Hexachlorocyclopentadiene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	Hexachloroethane	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	Indeno(1,2,3-cd)pyrene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	Isophorone	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	N-Nitroso-di-n-propylamine	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	N-Nitrosodiphenylamine	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	Naphthalene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	Nitrobenzene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible] (SVOC)	Pentachlorophenol (SVOC)	2500	U	2500	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	Phenanthrene	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	Phenol	510	U	510	ug/kg
[illegible]	[illegible]	Composite	Reference	[illegible]	[illegible]	Pyrene	510	U	510	ug/kg
[illegible] Comp Shell	29-Oct-02	Composite	Reference	% Lipids	% Lipids	% Lipids	6			%
[illegible] Comp Shell	29-Oct-02	Composite	Reference	[illegible]	[illegible]	1,2,3,4,6,7,8,9-OCDD	76.7		6.3	pg/g

Sample ID	Sample Date	Sample Type 1	Sample Type 3	Analytical Method	CAS Number	Analyte	Concentration	Validation Q	Reporting Limit	Units
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	SW8290	39001-02-0	1,2,3,4,6,7,8,9-OCDF	1.2	U	0.2	pg/g
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	SW8290	35822-46-9	1,2,3,4,6,7,8-HpCDD	8.8		0.2	pg/g
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	SW8290	67562-39-4	1,2,3,4,6,7,8-HpCDF	0.59	J	0.1	pg/g
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	SW8290	55673-89-7	1,2,3,4,7,8,9-HpCDF	0.2	UJ	0.2	pg/g
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	SW8290	39227-28-6	1,2,3,4,7,8-HxCDD	0.3	J	0.1	pg/g
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	SW8290	70648-26-9	1,2,3,4,7,8-HxCDF	0.85	J	0.09	pg/g
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	SW8290	57653-85-7	1,2,3,6,7,8-HxCDD	1.8	J	0.1	pg/g
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	SW8290	57117-44-9	1,2,3,6,7,8-HxCDF	0.08	UJ	0.08	pg/g
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	SW8290	19408-74-3	1,2,3,7,8,9-HxCDD	1.1	J	0.1	pg/g
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	SW8290	72918-21-9	1,2,3,7,8,9-HxCDF	0.1	UJ	0.1	pg/g
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	SW8290	40321-76-4	1,2,3,7,8-PeCDD	1	J	0.1	pg/g
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	SW8290	57117-41-6	1,2,3,7,8-PeCDF	0.09	UJ	0.09	pg/g
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	SW8290	60851-34-5	2,3,4,6,7,8-HxCDF	0.3	J	0.09	pg/g
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	SW8290	57117-31-4	2,3,4,7,8-PeCDF	0.25	J	0.09	pg/g
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	SW8290	1746-01-6	2,3,7,8-TCDD	1.1		0.09	pg/g
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	SW8290	51207-31-9	2,3,7,8-TCDF	2.6		0.08	pg/g
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	SW8290	37871-00-4	Total HpCDD	12.4		0.2	pg/g
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	SW8290	38998-75-3	Total HpCDF	4.5	J	0.1	pg/g
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	SW8290	34465-46-8	Total HxCDD	4.8	J	0.1	pg/g
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	SW8290	55684-94-1	Total HxCDF	21.2	J	0.09	pg/g
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	SW8290	36088-22-9	Total PeCDD	3	J	0.1	pg/g
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	SW8290	30402-15-4	Total PeCDF	125	J	0.09	pg/g
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	SW8290	41903-57-5	Total TCDD	1.5		0.09	pg/g
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	SW8290	55722-27-5	Total TCDF	67	J	0.08	pg/g
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8151	93-76-5	2,4,5-T	8.3	U	8.3	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8151	93-72-1	2,4,5-TP (Silvex)	8.3	U	8.3	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8151	94-75-7	2,4-D	8.3	U	8.3	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8151	94-82-6	2,4-DB	8.3	U	8.3	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8151	75-99-0	Dalapon	2000	U	2000	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8151	1918-00-9	Dicamba	20	U	20	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8151	120-36-5	Dichloroprop	100	U	100	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8151	88-85-7	Dinoseb	100	U	100	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8151	94-74-6	MCPA[(4-chloro-2-methylphenoxy)-acetic acid]	2000	U	2000	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8151	7085-19-0	MCPP[2-(4-chloro-2-methylphenoxy)-propanoic acid]	2000	U	2000	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8151	87-86-5	Pentachlorophenol	17	U	17	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	680	2051-24-3	Decachlorobiphenyl	50	U	50	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	680	C-DICHLOROBI	Dichlorobiphenyl	10	U	10	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	680	C-HEPTACHLOR	Heptachlorobiphenyl	30	U	30	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	680	C-HEXACHLORO	Hexachlorobiphenyl	20	U	20	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	680	C-MONOCHLORO	Monochlorobiphenyl	10	U	10	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	680	C-NONACHLORO	Nonachlorobiphenyl	50	U	50	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	680	C-OCTA-BIPHE	Octachlorobiphenyl	30	U	30	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	680	C-PENTBIPHEN	Pentachlorobiphenyl	20	U	20	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	680	C-TETRACHLOR	Tetrachlorobiphenyl	20	U	20	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	680	C-TOTAL-PCB	Total Polychlorinated Biphenyls	50	U	50	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	680	C-TRICHLOROB	Trichlorobiphenyl	10	U	10	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8081A	72-54-8	4,4'-DDD	25	U	25	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8081A	72-55-9	4,4'-DDE	13	J	25	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8081A	50-29-3	4,4'-DDT	25	U	25	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8081A	309-00-2	Aldrin	25	U	25	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8081A	319-84-6	alpha-BHC	25	U	25	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8081A	5103-71-9	alpha-Chlordane	25	U	25	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8081A	319-85-7	beta-BHC	25	U	25	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8081A	319-86-8	delta-BHC	25	U	25	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8081A	60-57-1	Dieldrin	6.7	J	25	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8081A	959-98-8	Endosulfan I	25	U	25	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8081A	33213-65-9	Endosulfan II	25	U	25	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8081A	1031-07-8	Endosulfan sulfate	25	U	25	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8081A	72-20-8	Endrin	25	U	25	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8081A	7421-93-4	Endrin aldehyde	5.1	J	25	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8081A	53494-70-5	Endrin ketone	25	U	25	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8081A	58-89-9	gamma-BHC (Lindane)	25	U	25	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8081A	5103-74-2	gamma-Chlordane	25	U	25	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8081A	76-44-8	Heptachlor	25	U	25	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8081A	1024-57-3	Heptachlor epoxide	25	U	25	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8081A	72-43-5	Methoxychlor	100	U	100	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8081A	8001-35-2	Toxaphene	850	U	850	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8270C	87-61-6	1,2,3-Trichlorobenzene	510	U	510	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8270C	120-82-1	1,2,4-Trichlorobenzene	510	U	510	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8270C	95-50-1	1,2-Dichlorobenzene	510	U	510	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8270C	108-70-3	1,3,5-Trichlorobenzene	510	U	510	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8270C	541-73-1	1,3-Dichlorobenzene	510	U	510	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8270C	106-46-7	1,4-Dichlorobenzene	510	U	510	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8270C	108-60-1	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	510	U	510	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8270C	15950-66-0	2,3,4-Trichlorophenol	510	U	510	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8270C	933-78-8	2,3,5-Trichlorophenol	510	U	510	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8270C	933-75-5	2,3,6-Trichlorophenol	510	U	510	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8270C	95-95-4	2,4,5-Trichlorophenol	510	U	510	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8270C	88-06-2	2,4,6-Trichlorophenol	510	U	510	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8270C	120-83-2	2,4-Dichlorophenol	510	U	510	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8270C	105-67-9	2,4-Dimethylphenol	510	U	510	ug/kg
UDA-UE Comp Shad	27-Oct-00	Composite	Reference	8270C	51-28-5	2,4-Dinitrophenol	2500	U	2500	ug/kg

Appendix II-H

Results of Chemical Analysis of Fish Tissue Collected from Mississippi River near Saugat Area 2 Sites (Krummrich Data)

Sample ID	Sample Date	Sample Type 1	Sample Type 3	Analytical Method	CAS Number	Analyte	Concentration	Validation Q	Reporting Limit	Units
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	2,4-Dichlorobenzene	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	2,6-Dichlorobenzene	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	2-Chloronaphthalene	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	2-Chlorophenol	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	2-Methylnaphthalene	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	2-Methylphenol (o-Cresol)	110	J	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	2-Nitroaniline	2300	U	2300	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	2-Nitrophenol	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	3,3'-Dichlorobenzidine	2300	U	2300	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	3,4,5-Trichlorophenol	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	3-Methylphenol/4-Methylphenol (m/p-Cresol)	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	3-Nitroaniline	2300	U	2300	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	4,6-Dinitro-2-methylphenol	2300	U	2300	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	4-Bromophenylphenyl ether	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	4-Chloro-3-methylphenol	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	4-Chloroaniline	680	U	680	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	4-Chlorophenylphenyl ether	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	4-Nitroaniline	2300	U	2300	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	4-Nitrophenol	2300	U	2300	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	Acenaphthene	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	Acenaphthylene	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	Anthracene	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	Benzo(a)anthracene	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	Benzo(b)pyrene	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	Benzo(b)fluoranthene	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	Benzo(g,h,i)perylene	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	Benzo(k)fluoranthene	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	bis(2-Chloroethoxy)methane	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	bis(2-Chloroethyl)ether	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	bis(2-Ethylhexyl)phthalate	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	Butylbenzylphthalate	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	Carbazole	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	Chrysene	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	Di-n-butylphthalate	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	Di-n-octylphthalate	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	Dibenzo(a,h)anthracene	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	Dibenzofuran	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	Diethylphthalate	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	Dimethylphthalate	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	Fluoranthene	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	Fluorene	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	Hexachlorobenzene	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	Hexachlorobutadiene	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	Hexachlorocyclopentadiene	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	Hexachloroethane	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	Indeno(1,2,3-cd)pyrene	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	Isophorone	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	N-Nitroso-di-n-propylamine	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	N-Nitrosodiphenylamine	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	Naphthalene	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	Nitrobenzene	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible] (SVOC)	Pentachlorophenol (SVOC)	2300	U	2300	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	Phenanthrene	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	Phenol	340	U	340	ug/kg
[illegible]	[illegible]	Composite	Reference	SEMC	[illegible]	Pyrene	340	U	340	ug/kg

Appendix II-I

Data used for the derivation of fish tissue no-effect toxicity reference value (TRV)

Appendix II-I

Data used for the derivation of fish tissue no-effect toxicity reference value (TRV).

Analyte Name	CAS No	Species Common Name	Effect	Endpoint	Exposure Route	Body Part	Species Start Lifestage	Residue Conc. Wet (mg/kg)	NOEL Equivalent Conc	Calculated TRV (mg/kg)	Reference
SVOCs											
1,2-dichlorobenzene	95-50-1	Bluegill	Mortality	NOED	Absorption	Whole Body	Immature	0.7	0.7	0.7	Barrows, M.E., et al 1980
1,4-dichlorobenzene	106-46-7	Bluegill	Mortality	NOED	Absorption	Whole Body	Immature	0.61	0.61	0.61	Barrows, M.E., et al 1980
2,4-Dichlorophenol	120-83-2	Goldfish	Mortality	NOED	Water	Whole Body	Adult	100	100	134.2	Kishino T, and K Kobayashi, 1995
	120-83-2	Goldfish	Mortality	NOED	Water	Whole Body	Adult	180	180		Kishino T, and K Kobayashi, 1995
2-Methylphenol		Golden Ide	Mortality	NOED	Absorption	Whole Body	NA	1	1	1	Freitag, D., et al 1985
Pesticides											
4,4'-DDD	72-54-8	Fathead minnow	Reproduction	LOED	Combined	Whole Body	Adult	0.6	0.06	0.06	Jarvinen, A.W., at al 1977
4,4`-DDE	72-55-9	Trout - Brook	Growth	NOED	Injection	Whole Body	Juvenile	5	5	1.61	Addison, R.F. and M.E. Zinck, 1977
	72-55-9	Trout - Brook	Mortality	NOED	Injection	Whole Body	Juvenile	5	5		Addison, R.F. and M.E. Zinck, 1978
	72-55-9	Trout - Brook	Behavior	LOED	Combined	Whole Body	Immature	44.9	4.49		Peterson, R.H., 1973
4,4`-DDT	50-29-3	Fathead minnow	Mortality	LOED	Ingestion	Whole Body	Adult	68.9	6.89	3.90	Jarvinen AW, at al 1977
	50-29-3	Fathead minnow	Reproduction	LOED	Water	Whole Body	Adult	24	2.4		Jarvinen AW, at al 1977
	50-29-3	Fathead minnow	Reproduction	NOED	Ingestion	Whole Body	Adult	12.2	12.2		Jarvinen AW, at al 1977
	50-29-3	Fathead minnow	Reproduction	NOED	Combined	Whole Body	Adult	19	19		Jarvinen AW, at al 1977
	50-29-3	Fathead minnow	Reproduction	LOED	Combined	Whole Body	Adult	3.8	0.38		Jarvinen AW, at al 1977
	50-29-3	Fathead minnow	Reproduction	LOED	Combined	Whole Body	Adult	24	2.4		Jarvinen AW, at al 1977
Alpha-BHC		Golden Ide	Mortality	NOED	Absorption	Whole Body	NA	22.5	22.5	22.5	Freitag, D., et al 1985
Alpha-Chlordane	57-74-9	Pinfish	Mortality	LOED	Combined	Whole Body	Adult	16.6	1.66	1.66	Parrish, P.R., et al 1976
Dieldrin	60-57-1	Bluegill	Behavior	LOED	Absorption	Whole Body	Immature	3.7	0.37	0.37	Gakstatter, J.H. and C.M. Weiss, 1967
Endosulfan I	115-29-7	Pinfish	Mortality	NOED	Combined	Whole Body	Mature	0.195	0.195	0.195	Schimmel, S.C., et al 1977
Endrin	72-20-8	Catfish-Channel	Behavior	LOED	Absorption	Whole Body	Immature	1	0.1	0.164	Argyle, R.L., et al 1973
	72-20-8	Catfish-Channel	Growth	NOED	Ingestion	Whole Body	Immature	0.307	0.307		Argyle, R.L., et al 1973
	72-20-8	Catfish-Channel	Mortality	NOED	Ingestion	Whole Body	Immature	0.307	0.307		Argyle, R.L., et al 1973
	72-20-8	Catfish-Channel	Mortality	NOED	Absorption	Whole Body	Immature	0.41	0.41		Argyle, R.L., et al 1973
	72-20-8	Golden Shiner	Behavior	NOED	Absorption	Whole Body	Adult	0.24	0.24		Ludke, J.L., et al 1968
	72-20-8	Golden Shiner	Behavior	LOED	Absorption	Whole Body	Adult	0.21	0.021		Ludke, J.L., et al 1968
Endrin Aldehyde	72-20-8	Catfish-Channel	Behavior	LOED	Absorption	Whole Body	Immature	1	0.1	0.164	Argyle, R.L., et al 1973
	72-20-8	Catfish-Channel	Growth	NOED	Ingestion	Whole Body	Immature	0.307	0.307		Argyle, R.L., et al 1973
	72-20-8	Catfish-Channel	Mortality	NOED	Ingestion	Whole Body	Immature	0.307	0.307		Argyle, R.L., et al 1973
	72-20-8	Catfish-Channel	Mortality	NOED	Absorption	Whole Body	Immature	0.41	0.41		Argyle, R.L., et al 1973
	72-20-8	Golden Shiner	Behavior	NOED	Absorption	Whole Body	Adult	0.24	0.24		Ludke, J.L., et al 1968
	72-20-8	Golden Shiner	Behavior	LOED	Absorption	Whole Body	Adult	0.21	0.021		Ludke, J.L., et al 1968
Gamma-Chlordane	57-74-9	Pinfish	Mortality	LOED	Combined	Whole Body	Adult	16.6	1.66	1.66	Parrish, P.R., et al 1976
Heptachlor epoxide	1024-57-3	Pinfish	Mortality	NOED	Combined	Whole Body	Mature	3.2	3.2	3.2	Schimmel, S.C., et al 1976
Herbicides											
2,4,5-T	94-75-7	Bluegill, Carp	Mortality	LC-50	NA	NA	NA	29.8	0.298	0.298	USEPA Ecotox Database (Ref # 880, 6270, 859)
2,4,5-TP (Silvex)	93-72-1	Channel Catfish, Bluegill, Fathead Minnowq	Mortality	LC-50	NA	NA	NA	50.7	0.507	0.507	Johnson, W.W., and M.T. Finley, 1980; Mayer, F.L.J., and M.R. Ellersleck, 1986; Surber, E.W., and Q.H. Pickering, 1962
MCPP	7085-19-0	Carp, Bluegill, Rainbowtrou	Mortality	LC-50	NA	NA	NA	574.1	5.741	5.741	Tscheu-Schluter, M., 1974; Office of Pesticide Programs, 2000
Dioxins/Furans											
2,3,7,8-TCDD (TEQ)										2.69E-03	
1,2,3,4,6,7,8,9-OCDF	39001-02-0	Salmon - Atlantic	Mortality	NOED	Ingestion	Muscle	Juvenile	0.01	0.01	1.41E-02	Zitko, V. and P.M.K. Chol., 1973
	39001-02-0	Salmon - Atlantic	Mortality	NOED	Ingestion	Gastrointestinal Tract	Juvenile	0.02	0.02		Zitko, V. and P.M.K. Chol., 1973
1,2,3,4,6,7,8-HCDD	35822-46-9	Trout - Rainbow	Biochemical	LOED	Ingestion	Liver	Adult	0.19	0.019	1.90E-02	Parrott, J.L., et al 1995
1,2,3,4,7,8-HCDD	39227-28-6	Trout - Rainbow	Biochemical	LOED	Ingestion	Liver	Adult	0.000039	0.0000039	3.90E-06	Parrott, J.L., et al 1995

Appendix II-I
Data used for the derivation of fish tissue no-effect toxicity reference value (TRV).

Analyte Name	CAS No	Species Common Name	Effect	Endpoint	Exposure Route	Body Part	Species Start Lifestage	Residue Conc. Wet (mg/kg)	NOEL Equivalent Conc	Calculated TRV (mg/kg)	Reference
	39227-28-6	Trout - Rainbow	Biochemical	LOED	Ingestion	Liver	Adult	0.000039	0.0000039		Parrott, J.L., et al 1996
1,2,3,4,7,8-HxCDF	70648-26-9	Trout - Rainbow	Mortality	LD50	Injection	Whole Body	Fry	0.00069	0.0000069	9.90E-06	Walker MK and RE Peterson, 1991
1,2,3,6,7,8-HxCDD	57653-85-7	Trout - Rainbow	Survival, Growth	NOED	Water	Liver	Subadult	0.01	0.01	0.01	Walker MK and RE Peterson, 1991
1,2,3,7,8-PeCDD	40321-76-4	Trout - Rainbow	Mortality	LD50	Injection	Whole Body	Fry	0.000566	5.66E-06	5.66E-06	Walker MK and RE Peterson, 1991
1,2,3,7,8-PeCDF	57117-41-6	Trout - Rainbow	Mortality	LD50	Injection	Whole Body	Fry	0.00734	0.0000734	7.34E-05	Walker MK and RE Peterson, 1991
2,3,4,7,8-PCDF	57117-31-4	Trout - Rainbow	Mortality	LD50	Injection	Whole Body	Fry	0.0007	0.000007	1.02E-04	Walker MK and RE Peterson, 1991
		Trout - Rainbow	Growth	NOED	Water	Whole Body	Juvenile	0.0016	0.0016		Muir DCG, et al 1990
2,3,7,8-TCDF	51207-31-9	Trout - Rainbow	Growth	NOED	Combined	Whole Body	Immature	0.00009	0.00009	4.74E-04	Mehrle, P.M., et al 1988
	51207-31-9	Trout - Rainbow	Growth	NOED	Ingestion	Whole Body	Juvenile	0.0025	0.0025		Muir DCG, et al 1990
2,3,7,8-TCDD	1746-01-6	Black Bullhead	Mortality	NOED	Injection	Whole Body	NA	0.001	0.001	2.69E-03	Kleeman, J.M., et al 1988
	1746-01-6	Bluegill	Mortality	NOED	Injection	Whole Body	NA	0.001	0.001		Kleeman, J.M., et al 1988
	1746-01-6	Catfish-Channel	Mortality	NOED	Combined	Whole Body	Adult	0.14	0.14		Isensee, A.R. and G.E. Jones, 1975
	1746-01-6	Common carp	Mortality	NOED	Injection	Whole Body	NA	0.001	0.001		Kleeman, J.M., et al 1988
	1746-01-6	Largemouth Bass	Mortality	NOED	Injection	Whole Body	NA	0.001	0.001		Kleeman, J.M., et al 1988

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Appendix II-J

Calculation of 95% Upper Confidence Limit (UCL) Mean Concentrations for COPECs Identified in Sediments

Appendix II-J

Calculation of 95% Upper Confidence Limit (UCL) Mean Concentrations for COPECs Identified in Sediments

Chem Class	CAS	Analyte	Units	Site (R2 - R6)						Reference (R1)						
				Max	Avg	Freq	t-95UCL	H-95UCL	Comment	Max	Avg	Freq	t-value	t-95UCL	H-95UCL	Comment
VOCs	71-55-6	1,1,1-Trichloroethane	ug/kg	5.000	1.742	0/37	2.027	1.932		1.7	1.43125	0/8	2.365	1.60E+00	1.59E+00	
VOCs	79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	5.000	1.742	0/37	2.027	1.932		1.7	1.43125	0/8	2.365	1.60E+00	1.59E+00	
VOCs	79-00-5	1,1,2-Trichloroethane	ug/kg	5.000	1.742	0/37	2.027	1.932		1.7	1.43125	0/8	2.365	1.60E+00	1.59E+00	
VOCs	75-34-3	1,1-Dichloroethane	ug/kg	8.000	1.918	1/37	2.363	2.156	Use 95UCLg	1.7	1.43125	0/8	2.365	1.60E+00	1.59E+00	
VOCs	75-35-4	1,1-Dichloroethylene	ug/kg	5.000	1.742	0/37	2.027	1.932		1.7	1.43125	0/8	2.365	1.60E+00	1.59E+00	
VOCs	120-82-1	1,2,4-Trichlorobenzene	ug/kg	385.000	231.143	0/35	249.306	245.041		250	193.75	0/8	2.365	2.20E+02	2.17E+02	
VOCs	95-50-1	1,2-Dichlorobenzene	ug/kg	330.000	216.714	3/35	238.769	254.031	Use 95UCLg	250	193.75	0/8	2.365	2.20E+02	2.17E+02	
VOCs	107-06-2	1,2-Dichloroethane	ug/kg	5.000	1.742	0/37	2.027	1.932		1.7	1.43125	0/8	2.365	1.60E+00	1.59E+00	
VOCs	540-59-0	1,2-Dichloroethene (total)	ug/kg	1.600	2.786	1/37	3.150	3.105	Use Max Value	1.7	1.43125	0/8	2.365	1.60E+00	1.59E+00	
VOCs	78-87-5	1,2-Dichloropropane	ug/kg	5.000	1.742	0/37	2.027	1.932		1.7	1.43125	0/8	2.365	1.60E+00	1.59E+00	
VOCs	541-73-1	1,3-Dichlorobenzene	ug/kg	385.000	231.143	0/35	249.306	245.041		250	193.75	0/8	2.365	2.20E+02	2.17E+02	
VOCs	106-46-7	1,4-Dichlorobenzene	ug/kg	740.000	241.286	1/35	274.959	259.519	Use 95UCLg	250	193.75	0/8	2.365	2.20E+02	2.17E+02	
VOCs	108-60-1	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	ug/kg	385.000	231.143	0/35	249.306	245.041		250	193.75	0/8	2.365	2.20E+02	2.17E+02	
VOCs	78-93-3	2-Butanone (MEK)	ug/kg	7.500	7.676	5/37	8.992	8.579	Use Max Value	3.4	6.675	1/8	2.365	8.06E+00	8.46E+00	Use Max Value
VOCs	108-10-1	4-Methyl-2-pentanone (MIBK)	ug/kg	25.500	8.714	0/37	10.165	9.686		8.5	7.125	0/8	2.365	7.95E+00	7.87E+00	
VOCs	67-64-1	Acetone	ug/kg	290.000	25.408	31/37	43.540	31.534	Use 95UCLg	98	32.225	7/8	2.365	6.39E+01	1.93E+02	Use Max Value
VOCs	71-43-2	Benzene	ug/kg	49.000	3.972	3/37	7.076	3.803	Use 95UCLg	1.7	1.43125	0/8	2.365	1.60E+00	1.59E+00	
VOCs	75-27-4	Bromodichloromethane	ug/kg	5.000	1.742	0/37	2.027	1.932		1.7	1.43125	0/8	2.365	1.60E+00	1.59E+00	
VOCs	75-25-2	Bromoform	ug/kg	5.000	1.742	0/37	2.027	1.932		1.7	1.43125	0/8	2.365	1.60E+00	1.59E+00	
VOCs	74-83-9	Bromomethane	ug/kg	10.000	3.491	0/37	4.069	3.878		3.45	2.86875	0/8	2.365	3.21E+00	3.18E+00	
VOCs	75-15-0	Carbon Disulfide	ug/kg	5.000	1.742	0/37	2.027	1.932		1.7	1.43125	0/8	2.365	1.60E+00	1.59E+00	
VOCs	56-23-5	Carbon Tetrachloride	ug/kg	5.000	1.742	0/37	2.027	1.932		1.7	1.43125	0/8	2.365	1.60E+00	1.59E+00	
VOCs	108-90-7	Chlorobenzene	ug/kg	11000.000	469.735	7/37	1126.128	212.640	Use 95UCLg	1.7	1.43125	0/8	2.365	1.60E+00	1.59E+00	
VOCs	124-48-1	Chlorodibromomethane	ug/kg	5.000	1.742	0/37	2.027	1.932		1.7	1.43125	0/8	2.365	1.60E+00	1.59E+00	
VOCs	75-00-3	Chloroethane	ug/kg	10.000	3.491	0/37	4.069	3.878		3.45	2.86875	0/8	2.365	3.21E+00	3.18E+00	
VOCs	67-66-3	Chloroform	ug/kg	5.000	1.742	0/37	2.027	1.932		1.7	1.43125	0/8	2.365	1.60E+00	1.59E+00	
VOCs	74-87-3	Chloromethane	ug/kg	10.000	3.491	0/37	4.069	3.878		3.45	2.86875	0/8	2.365	3.21E+00	3.18E+00	
VOCs	10061-01-5	cis-1,3-Dichloropropene	ug/kg	5.000	1.742	0/37	2.027	1.932		1.7	1.43125	0/8	2.365	1.60E+00	1.59E+00	
VOCs	75-09-2	Dichloromethane	ug/kg	5.000	1.742	0/37	2.027	1.932		1.7	1.43125	0/8	2.365	1.60E+00	1.59E+00	
VOCs	100-41-4	Ethylbenzene	ug/kg	16.000	2.508	27/37	3.563	2.868	Use 95UCLg	1.7	1.43125	0/8	2.365	1.60E+00	1.59E+00	
VOCs	591-78-6	Methyl N-Butyl Ketone	ug/kg	25.500	8.714	0/37	10.165	9.686		8.5	7.125	0/8	2.365	7.95E+00	7.87E+00	
VOCs	100-42-5	Styrene (Monomer)	ug/kg	37.000	2.718	4/37	4.703	3.084	Use 95UCLg	1.7	1.43125	0/8	2.365	1.60E+00	1.59E+00	
VOCs	127-18-4	Tetrachloroethene	ug/kg	5.000	1.742	0/37	2.027	1.932		1.7	1.43125	0/8	2.365	1.60E+00	1.59E+00	
VOCs	108-88-3	Toluene	ug/kg	14.000	2.599	12/37	3.624	2.978	Use 95UCLg	1.7	1.43125	0/8	2.365	1.60E+00	1.59E+00	
VOCs	79-01-6	Trichloroethylene	ug/kg	5.000	1.742	0/37	2.027	1.932		1.7	1.43125	0/8	2.365	1.60E+00	1.59E+00	
VOCs	75-01-4	Vinyl chloride	ug/kg	10.000	3.491	0/37	4.069	3.878		3.45	2.86875	0/8	2.365	3.21E+00	3.18E+00	
VOCs	1330-20-7	Xylenes, Total	ug/kg	81.000	12.338	34/37	17.883	15.269	Use 95UCLg	3.2	3.525	1/8	2.365	4.39E+00	4.35E+00	
SVOCs	95-95-4	2,4,5-Trichlorophenol	ug/kg	385.000	231.389	0/36	249.029	244.882		250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	88-06-2	2,4,6-Trichlorophenol	ug/kg	385.000	231.389	0/36	249.029	244.882		250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	120-83-2	2,4-Dichlorophenol	ug/kg	385.000	231.389	0/36	249.029	244.882		250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	105-67-9	2,4-Dimethylphenol	ug/kg	385.000	231.389	0/36	249.029	244.882		250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	51-28-5	2,4-Dinitrophenol	ug/kg	2000.000	1200.000	0/36	1290.789	1268.949		1300	1012.5	0/8	2.365	1.15E+03	1.13E+03	
SVOCs	121-14-2	2,4-Dinitrotoluene	ug/kg	385.000	231.143	0/35	249.306	245.041		250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	606-20-2	2,6-Dinitrotoluene	ug/kg	385.000	231.143	0/35	249.306	245.041		250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	91-58-7	2-Chloronaphthalene	ug/kg	385.000	231.143	0/35	249.306	245.041		250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	95-57-8	2-Chlorophenol	ug/kg	385.000	231.389	0/36	249.029	244.882		250	193.75	0/8	2.365	2.20E+02	2.17E+02	

Appendix II-J
Calculation of 95% Upper Confidence Limit (UCL) Mean Concentrations for COPECs Identified in Sediments

Chem Class	CAS	Analyte	Units	Site (R2 - R6) Max	Avg	Freq	t-95UCL	H-95UCL	Comment	Reference (R1) Max	Avg	Freq	t-value	t-95UCL	H-95UCL	Comment
SVOCs	91-57-6	2-Methylnaphthalene	ug/kg	385.000	231.143	0/35	249.306	245.041		250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	95-48-7	2-Methylphenol (o-Cresol)	ug/kg	385.000	231.369	0/35	249.029	244.882		250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	88-74-4	2-Nitroaniline	ug/kg	2000.000	1199.571	0/35	1292.043	1289.617		1300	1012.5	0/8	2.365	1.15E+03	1.13E+03	
SVOCs	88-75-5	2-Nitrophenol	ug/kg	385.000	231.369	0/35	249.029	244.882		250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	91-94-1	3,3'-Dichlorobenzidine	ug/kg	750.000	463.571	0/35	499.463	491.099		500	389.375	0/8	2.365	4.41E+02	4.34E+02	
SVOCs	108-44-5	3-Methylphenol/4-Methylphenol (m&p-Cresol)	ug/kg	385.000	231.369	0/35	249.029	244.882		250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	99-09-2	3-Nitroaniline	ug/kg	2000.000	1199.571	0/35	1292.043	1289.617		1300	1012.5	0/8	2.365	1.15E+03	1.13E+03	
SVOCs	534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	2000.000	1200.000	0/35	1290.789	1288.949		1300	1012.5	0/8	2.365	1.15E+03	1.13E+03	
SVOCs	101-55-3	4-Bromophenyl Phenyl Ether	ug/kg	385.000	231.143	0/35	249.306	245.041		250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	59-50-7	4-Chloro-3-methylphenol	ug/kg	385.000	231.369	0/35	249.029	244.882		250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	7005-72-3	4-Chlorophenyl Phenyl Ether	ug/kg	385.000	231.143	0/35	249.306	245.041		250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	100-02-7	4-Nitrophenol	ug/kg	2000.000	1200.000	0/35	1290.789	1288.949		1300	1012.5	0/8	2.365	1.15E+03	1.13E+03	
SVOCs	83-32-9	Acenaphthene	ug/kg	385.000	231.143	0/35	249.306	245.041		250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	208-96-8	Acenaphthylene	ug/kg	385.000	231.143	0/35	249.306	245.041		250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	120-12-7	Anthracene	ug/kg	100.000	223.000	1/35	240.302	238.690	Use Max Value	250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	56-55-3	Benzo(a)anthracene	ug/kg	91.000	212.829	3/35	236.346	266.539	Use Max Value	250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	50-32-8	Benzo(a)pyrene	ug/kg	72.000	199.171	6/35	225.461	252.846	Use Max Value	250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	205-99-2	Benzo(b)fluoranthene	ug/kg	75.000	213.543	3/35	236.306	251.479	Use Max Value	250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	191-24-2	Benzo(g,h,i)perylene	ug/kg	79.000	196.857	6/35	225.733	276.139	Use Max Value	250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	207-08-9	Benzo(k)fluoranthene	ug/kg	63.000	196.257	6/35	222.653	247.250	Use Max Value	250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	85-68-7	Benzyl Butyl Phthalate	ug/kg	385.000	231.143	0/35	249.306	245.041		250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	111-91-1	bis(2-Chloroethoxy)methane	ug/kg	385.000	231.143	0/35	249.306	245.041		250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	111-44-4	bis(2-Chloroethyl)ether	ug/kg	385.000	231.143	0/35	249.306	245.041		250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	86.000	196.000	6/35	222.499	247.766	Use Max Value	250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	86-74-8	Carbazole	ug/kg	385.000	231.143	0/35	249.306	245.041		250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	218-01-9	Chrysene	ug/kg	92.000	178.429	6/35	207.827	265.145	Use Max Value	31	166.375	1/8	2.365	2.16E+02	3.42E+02	Use Max Value
SVOCs	53-70-3	Dibenzo(a,h)anthracene	ug/kg	66.000	226.266	1/35	246.647	248.673	Use Max Value	250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	132-64-9	Dibenzofuran	ug/kg	385.000	231.143	0/35	249.306	245.041		250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	84-66-2	Diethyl Phthalate	ug/kg	385.000	231.143	0/35	249.306	245.041		250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	131-11-3	Dimethyl Phthalate	ug/kg	385.000	231.143	0/35	249.306	245.041		250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	84-74-2	Di-n-butylphthalate	ug/kg	385.000	231.143	0/35	249.306	245.041		250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	117-84-0	Di-n-octylphthalate	ug/kg	41.000	226.457	1/35	247.678	256.608	Use Max Value	250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	206-44-0	Fluoranthene	ug/kg	160.000	196.029	6/35	220.723	242.491	Use Max Value	41	144.625	2/8	2.365	2.01E+02	3.36E+02	Use Max Value
SVOCs	86-73-7	Fluorene	ug/kg	385.000	231.143	0/35	249.306	245.041		250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	118-74-1	Hexachlorobenzene	ug/kg	385.000	231.143	0/35	249.306	245.041		250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	87-68-3	Hexachlorobutadiene	ug/kg	385.000	231.143	0/35	249.306	245.041		250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	77-47-4	Hexachlorocyclopentadiene	ug/kg	385.000	231.143	0/35	249.306	245.041		250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	67-72-1	Hexachloroethane	ug/kg	385.000	231.143	0/35	249.306	245.041		250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	29.000	221.657	2/35	246.016	276.966	Use Max Value	250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	78-59-1	Isophorone	ug/kg	390.000	236.143	1/35	256.478	251.682	Use 95UCLg	250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	91-20-3	Naphthalene	ug/kg	385.000	231.143	0/35	249.306	245.041		250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	98-95-3	Nitrobenzene	ug/kg	385.000	231.143	0/35	249.306	245.041		250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	621-64-7	N-Nitroso-di-n-propylamine	ug/kg	385.000	231.143	0/35	249.306	245.041		250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	86-30-6	N-Nitrosodiphenylamine	ug/kg	385.000	231.143	0/35	249.306	245.041		250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	106-47-8	P-Chloroaniline	ug/kg	3000.000	561.857	2/35	721.369	614.806	Use 95UCLg	500	389.375	0/8	2.365	4.41E+02	4.34E+02	
SVOCs	87-86-5	Pentachlorophenol		3.600	10.121	6/34	11.622	13.819	Use Max Value							

Appendix II-J

Calculation of 95% Upper Confidence Limit (UCL) Mean Concentrations for COPECs Identified in Sediments

Chem Class	CAS	Analyte	Units	Site (R2 - R6)						Reference (R1)						
				Max	Avg	Freq	t-95UCL	H-95UCL	Comment	Max	Avg	Freq	t-value	t-95UCL	H-95UCL	Comment
SVOCs	85-01-8	Phenanthrene	ug/kg	72.000	209.857	3/35	233.217	260.093	Use Max Value	36	167	1/8	2.365	2.15E+02	3.13E+02	Use Max Value
SVOCs	108-95-2	Phenol	ug/kg	385.000	231.389	0/36	249.029	244.882		250	193.75	0/8	2.365	2.20E+02	2.17E+02	
SVOCs	100-01-6	P-Nitroaniline	ug/kg	2000.000	1200.000	0/36	1290.789	1268.949		1300	1012.5	0/8	2.365	1.15E+03	1.13E+03	
SVOCs	129-00-0	Pyrene	ug/kg	150.000	224.429	1/35	240.711	237.297	Use Max Value	67	170.875	1/8	2.365	2.10E+02	2.37E+02	Use Max Value
SVOCs	10061-02-6	trans-1,3-Dichloropropene	ug/kg	5.000	1.742	0/37	2.027	1.932		1.7	1.43125	0/8	2.365	1.60E+00	1.59E+00	
Pesticides	72-54-8	4,4'-DDD	ug/kg	1.200	2.184	2/35	2.359	2.351	Use Max Value	2.5	1.9375	0/8	2.365	2.20E+00	2.17E+00	
Pesticides	72-55-9	4,4'-DDE	ug/kg	4.900	1.844	10/35	2.150	2.320	Use 95UCLg	2.2	1.857142857	0/7	2.447	2.07E+00	2.04E+00	
Pesticides	50-29-3	4,4'-DDT	ug/kg	3.300	2.286	3/33	2.514	2.578	Use 95UCLg	2.2	1.8	0/6	2.571	2.01E+00	1.97E+00	
Pesticides	309-00-2	Aldrin	ug/kg	2.100	1.213	1/36	1.314	1.288	Use 95UCLg	1.3	1.0125	0/8	2.365	1.15E+00	1.13E+00	
Pesticides	319-84-6	alpha-BHC	ug/kg	2.000	1.187	0/35	1.277	1.254		1.3	1.0125	0/8	2.365	1.15E+00	1.13E+00	
Pesticides	5103-71-9	alpha-Chlordane	ug/kg	1.100	1.161	1/35	1.237	1.218	Use Max Value	1.3	1.0125	0/8	2.365	1.15E+00	1.13E+00	
Pesticides	319-85-7	beta-BHC	ug/kg	0.670	1.125	2/35	1.221	1.251	Use Max Value	1.3	1.0125	0/8	2.365	1.15E+00	1.13E+00	
Pesticides	319-86-8	delta-BHC	ug/kg	0.720	1.151	1/35	1.230	1.214	Use Max Value	1.3	1.0125	0/8	2.365	1.15E+00	1.13E+00	
Pesticides	60-57-1	Dieldrin	ug/kg	2.900	2.199	3/36	2.391	2.435	Use 95UCLg	2.5	1.9375	0/8	2.365	2.20E+00	2.17E+00	
Pesticides	959-98-8	Endosulfan I	ug/kg	1.000	1.159	1/35	1.234	1.216	Use Max Value	1.3	1.0125	0/8	2.365	1.15E+00	1.13E+00	
Pesticides	33213-65-9	Endosulfan II	ug/kg	3.850	2.290	0/35	2.465	2.422		2.5	1.9375	0/8	2.365	2.20E+00	2.17E+00	
Pesticides	1031-07-8	Endosulfan Sulfate	ug/kg	3.850	2.290	0/35	2.465	2.422		2.5	1.9375	0/8	2.365	2.20E+00	2.17E+00	
Pesticides	72-20-8	Endrin	ug/kg	3.850	2.290	0/35	2.465	2.422		2.5	1.9375	0/8	2.365	2.20E+00	2.17E+00	
Pesticides	7421-93-4	Endrin Aldehyde	ug/kg	4.100	2.236	10/35	2.444	2.417	Use 95UCLg	2.5	1.9375	0/8	2.365	2.20E+00	2.17E+00	
Pesticides	53494-70-5	Endrin Ketone	ug/kg	1.200	1.917	8/35	2.186	2.412	Use Max Value	2.5	1.9375	0/8	2.365	2.20E+00	2.17E+00	
Pesticides	58-89-9	gamma-BHC (Lindane)	ug/kg	0.180	1.161	1/35	1.268	1.329	Use Max Value	1.3	1.0125	0/8	2.365	1.15E+00	1.13E+00	
Pesticides	5103-74-2	gamma-Chlordane	ug/kg	3.000	1.122	7/35	1.266	1.252	Use 95UCLg	1.3	1.0125	0/8	2.365	1.15E+00	1.13E+00	
Pesticides	76-44-8	Heptachlor	ug/kg	0.980	1.071	5/35	1.186	1.241	Use Max Value	1.3	1.0125	0/8	2.365	1.15E+00	1.13E+00	
Pesticides	1024-57-3	Heptachlor Epoxide	ug/kg	11.000	1.398	3/37	1.947	1.514	Use 95UCLg	1.3	1.0125	0/8	2.365	1.15E+00	1.13E+00	
Pesticides	72-43-5	Methoxychlor	ug/kg	3.300	11.127	3/35	12.473	15.618	Use Max Value	13	10.125	0/8	2.365	1.15E+01	1.13E+01	
Pesticides	8001-35-2	Toxaphene	ug/kg	200.000	118.714	0/35	127.671	125.415		130	101.25	0/8	2.365	1.15E+02	1.13E+02	
Herbicides	93-76-5	2,4,5-T		9.500	5.849	0/34	6.310	6.210								
Herbicides	93-72-1	2,4,5-TP (Silvex)		9.500	5.849	0/34	6.310	6.210								
Herbicides	94-75-7	2,4-D	ug/kg	20.000	6.626	5/36	7.622	7.245	Use 95UCLg	5.2	5.2	1/1	#NUM!	#NUM!	#VALUE!	#VALUE!
Herbicides	94-82-6	2,4-DB		9.500	5.849	0/34	6.310	6.210								
Herbicides	75-99-0	Dalapon		9.900	1279.775	2/24	1487.152	7686.265	Use Max Value							
Herbicides	1918-00-9	Dicamba		23.000	14.074	0/34	15.167	14.917								
Herbicides	120-36-5	Dichlorprop	ug/kg	6.800	66.026	2/34	73.783	93.987	Use Max Value	23	18	5/5	2.776	2.36E+01	2.47E+01	Use Max Value
Herbicides	88-85-7	Dinoseb	ug/kg	385.000	231.143	0/35	249.306	245.041		250	193.75	0/8	2.365	2.20E+02	2.17E+02	
Herbicides	94-74-6	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)		380.000	1350.882	1/34	1462.728	1482.816	Use Max Value							
Herbicides	93-65-2	MCPP	ug/kg	2500.000	1394.118	2/34	1511.562	1482.586	Use 95UCLg	460	415	2/2	12.706	9.87E+02	4.17E+02	Use 95UCLg
PCBs	2051-24-3	Decachlorobiphenyl	ug/kg	20.000	11.973	0/37	12.857	12.641		13	10.125	0/8	2.365	1.15E+01	1.13E+01	
PCBs	C-DICHLOROBI	Dichlorobiphenyl	ug/kg	14.000	2.526	3/37	3.193	2.733	Use 95UCLg	2.5	1.9375	0/8	2.365	2.20E+00	2.17E+00	
PCBs	C-HEPTACHLOR	Heptachlorobiphenyl	ug/kg	11.500	6.959	0/37	7.478	7.357		7.5	5.8125	0/8	2.365	6.58E+00	6.50E+00	
PCBs	C-HEXACHLORO	Hexachlorobiphenyl	ug/kg	8.000	4.715	0/37	5.065	4.980		5	3.9375	0/8	2.365	4.44E+00	4.38E+00	
PCBs	C-MONOCHLORO	Monochlorobiphenyl	ug/kg	29.000	2.993	4/37	4.469	3.090	Use 95UCLg	2.5	1.9375	0/8	2.365	2.20E+00	2.17E+00	
PCBs	C-NONACHLORO	Nonachlorobiphenyl	ug/kg	12.000	11.727	2/37	12.497	12.321	Use Max Value	13	10.125	0/8	2.365	1.15E+01	1.13E+01	
PCBs	C-OCTA-BIPHE	Octachlorobiphenyl	ug/kg	11.500	6.959	0/37	7.478	7.357		7.5	5.8125	0/8	2.365	6.58E+00	6.50E+00	
PCBs	C-PENTBIPHEN	Pentachlorobiphenyl	ug/kg	4.400	4.618	1/37	4.915	4.847	Use Max Value	5	3.9375	0/8	2.365	4.44E+00	4.38E+00	
PCBs	C-TETRACHLOR	Tetrachlorobiphenyl	ug/kg	8.000	4.715	0/37	5.065	4.980		5	3.9375	0/8	2.365	4.44E+00	4.38E+00	
PCBs	C-TRICHLOROB	Trichlorobiphenyl	ug/kg	10.000	2.360	4/37	2.826	2.594	Use 95UCLg	2.5	1.9375	0/8	2.365	2.20E+00	2.17E+00	

Appendix II-J
Calculation of 95% Upper Confidence Limit (UCL) Mean Concentrations for COPECs Identified in Sediments

Chem Class	CAS	Analyte	Units	Site (R2 - R6) Max	Avg	Freq	t-95UCL	H-95UCL	Comment	Reference (R1) Max	Avg	Freq	t-value	t-95UCL	H-95UCL	Comment
Dioxins	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	ug/kg	0.066	0.019	3/5	0.047	303.096	Use Max Value	0.0012	0.000676	0/2	12.706	5.00E-03	9.46E-04	
Dioxins	67562-39-4	1,2,3,4,6,7,8-HpCDF	ug/kg	0.008	0.003	3/5	0.007	0.546	Use Max Value	0.000456	0.000325	0/2	12.706	1.96E-03	3.56E-04	
Dioxins	55673-89-7	1,2,3,4,7,8,9-HpCDF	ug/kg	0.001	0.000	0/5	0.001	0.001		0.0006	0.000365	0/2	12.706	2.20E-03	3.91E-04	
Dioxins	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	ug/kg	0.001	0.000	0/5	0.001	0.013		0.0006	0.000465	0/2	12.706	2.30E-03	4.61E-04	
Dioxins	70648-26-9	1,2,3,4,7,8-HxCDF	ug/kg	0.000	0.000	0/5	0.001	0.001		0.00066	0.000406	0/2	12.706	2.26E-03	4.06E-04	
Dioxins	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	ug/kg	0.001	0.001	0/5	0.001	0.009		0.00066	0.00046	0/2	12.706	2.52E-03	5.20E-04	
Dioxins	57117-44-9	1,2,3,6,7,8-HxCDF	ug/kg	0.000	0.000	0/5	0.001	0.009		0.00066	0.0004025	0/2	12.706	2.29E-03	4.94E-04	
Dioxins	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	ug/kg	0.001	0.000	0/5	0.001	0.008		0.0006	0.0004675	0/2	12.706	2.27E-03	4.82E-04	
Dioxins	72918-21-9	1,2,3,7,8,9-HxCDF	ug/kg	0.001	0.000	0/5	0.001	0.011		0.0007	0.000515	0/2	12.706	2.67E-03	5.54E-04	
Dioxins	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	ug/kg	0.001	0.000	0/5	0.001	0.007		0.00043	0.000315	0/2	12.706	1.66E-03	3.36E-04	
Dioxins	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	ug/kg	0.001	0.001	0/5	0.001	0.011		0.00066	0.00062	0/2	12.706	3.64E-03	6.70E-04	
Dioxins	60851-34-5	2,3,4,6,7,8-HxCDF	ug/kg	0.001	0.000	0/5	0.001	0.004		0.0006	0.0004425	0/2	12.706	2.44E-03	4.75E-04	
Dioxins	57117-31-4	2,3,4,7,8-PeCDF	ug/kg	0.001	0.000	0/5	0.001	0.007		0.000415	0.00031	0/2	12.706	1.64E-03	3.30E-04	
Dioxins	1746-01-6	2,3,7,8-TCDD	ug/kg	0.000	0.000	0/5	0.000	0.004		0.000295	0.0002425	0/2	12.706	9.10E-04	2.48E-04	
Dioxins	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	ug/kg	0.001	0.000	1/5	0.001	0.003	Use Max Value	0.000255	0.000205	0/2	12.706	8.40E-04	2.12E-04	
Dioxins	3268-87-9	OCDD	ug/kg	1.800	0.602	5/5	1.422	877.314	Use Max Value	0.036	0.0235	2/2	12.706	1.70E-01	2.73E-02	Use 95UCLg
Dioxins	39001-02-0	OCDF	ug/kg	0.036	0.016	3/5	0.036	216.933	Use Max Value	0.00066	0.000475	0/2	12.706	2.70E-03	5.10E-04	
Dioxins	37871-00-4	Total HpCDD	ug/kg	0.130	0.041	3/5	0.107	54805.136	Use Max Value	0.0027	0.001625	1/2	12.706	1.53E-02	2.29E-03	Use 95UCLg
Dioxins	38998-75-3	Total HpCDF	ug/kg	0.029	0.011	3/5	0.027	1303.661	Use Max Value	0.0006	0.000365	0/2	12.706	2.20E-03	3.91E-04	
Dioxins	34465-46-8	Total HxCDD	ug/kg	0.016	0.003	1/5	0.011	1.990	Use Max Value	0.00066	0.00045	0/2	12.706	2.52E-03	5.20E-04	
Dioxins	55684-94-1	Total HxCDF	ug/kg	0.006	0.001	1/5	0.004	0.033	Use Max Value	0.0007	0.000515	0/2	12.706	2.87E-03	5.54E-04	
Dioxins	36088-22-9	Total PeCDD	ug/kg	0.001	0.001	0/5	0.001	0.004		0.00066	0.00062	0/2	12.706	3.54E-03	6.70E-04	
Dioxins	30402-15-4	Total PeCDF	ug/kg	0.006	0.001	1/5	0.004	0.666	Use Max Value	0.000435	0.00034	0/2	12.706	1.55E-03	3.64E-04	
Dioxins	41903-57-5	Total TCDD	ug/kg	0.012	0.003	2/5	0.009	156.260	Use Max Value	0.000295	0.0002425	0/2	12.706	9.10E-04	2.48E-04	
Dioxins	55722-27-5	Total TCDF	ug/kg	0.018	0.004	1/5	0.014	254.628	Use Max Value	0.000255	0.000205	0/2	12.706	8.40E-04	2.12E-04	
Metals	7429-90-5	Aluminum	mg/kg	9400.000	2825.136	37/37	3653.148	3663.461	Use 95UCLg	5900	1666.75	8/8	2.365	3.19E+03	3.78E+03	Use 95UCLg
Metals	7440-36-0	Antimony	mg/kg	2.200	1.325	0/37	1.425	1.403		1.5	1.1625	0/8	2.365	1.31E+00	1.29E+00	
Metals	7440-38-2	Arsenic	mg/kg	7.500	2.978	37/37	3.499	3.482	Use 95UCLg	5.6	2.2	8/8	2.365	3.46E+00	3.75E+00	Use 95UCLg
Metals	7440-39-3	Barium	mg/kg	300.000	66.027	37/37	109.667	121.109	Use 95UCLg	140	42.25	8/8	2.365	6.00E+01	1.36E+02	Use 95UCLg
Metals	7440-41-7	Beryllium	mg/kg	0.640	0.238	27/37	0.294	0.326	Use 95UCLg	0.48	0.2575	1/8	2.365	3.36E-01	3.22E-01	Use 95UCLg
Metals	7440-43-9	Cadmium	mg/kg	1.400	0.476	17/37	0.583	0.554	Use 95UCLg	1.2	0.380625	1/8	2.365	6.56E-01	6.11E-01	Use 95UCLg
Metals	7440-70-2	Calcium	mg/kg	15000.000	5940.270	37/37	7434.366	8396.667	Use 95UCLg	8200	2790	8/8	2.365	5.26E+03	9.19E+03	Use Max Value
Metals	7440-47-3	Chromium	mg/kg	19.000	6.727	37/37	8.234	8.495	Use 95UCLg	11	4.65	8/8	2.365	7.20E+00	8.67E+00	Use 95UCLg
Metals	7440-48-4	Cobalt	mg/kg	10.000	3.984	37/37	4.655	4.619	Use 95UCLg	6	3.1	8/8	2.365	4.20E+00	4.10E+00	Use 95UCLg
Metals	7440-50-8	Copper	mg/kg	20.000	5.928	31/37	7.614	9.605	Use 95UCLg	12	2.8575	8/8	2.365	6.15E+00	1.05E+01	Use 95UCLg
Metals	7439-89-6	Iron	mg/kg	20000.000	8089.189	37/37	9659.843	9774.624	Use 95UCLg	12000	5087.5	8/8	2.365	7.75E+03	9.14E+03	Use 95UCLg
Metals	7439-92-1	Lead	mg/kg	47.000	16.481	37/37	21.018	24.375	Use 95UCLg	12	4.35	8/8	2.365	7.55E+00	1.04E+01	Use 95UCLg
Metals	7439-95-4	Magnesium	mg/kg	6400.000	2170.000	37/37	2679.549	2797.880	Use 95UCLg	3400	1246.25	8/8	2.365	2.16E+03	2.91E+03	Use 95UCLg
Metals	7439-96-5	Manganese	mg/kg	1000.000	271.865	37/37	358.756	384.250	Use 95UCLg	500	184.75	8/8	2.365	2.99E+02	3.17E+02	Use 95UCLg
Metals	7439-97-6	Mercury	mg/kg	0.067	0.019	25/37	0.025	0.027	Use 95UCLg	0.13	0.03025	4/8	2.365	6.79E-02	2.13E-01	Use Max Value
Metals	7440-02-0	Nickel	mg/kg	21.000	6.784	37/37	10.205	10.063	Use 95UCLg	15	7.225	8/8	2.365	1.01E+01	1.01E+01	Use 95UCLg
Metals	7440-09-7	Potassium	mg/kg	1300.000	438.378	37/37	548.365	564.338	Use 95UCLg	820	255.75	8/8	2.365	4.72E+02	6.66E+02	Use 95UCLg
Metals	7782-49-2	Selenium	mg/kg	1.100	0.647	0/37	0.697	0.686		0.65	0.541875	0/8	2.365	5.99E-01	5.92E-01	
Metals	7440-22-4	Silver	mg/kg	0.130	0.634	1/37	0.692	0.709	Use Max Value	0.65	0.541875	0/8	2.365	5.99E-01	5.92E-01	
Metals	7440-23-5	Sodium	mg/kg	290.000	78.378	20/37	97.763	92.377	Use 95UCLg	78	39.5	8/8	2.365	5.62E+01	5.95E+01	Use 95UCLg
Metals	7440-28-0	Thallium	mg/kg	1.300	0.666	1/37	0.728	0.712	Use 95UCLg	0.65	0.541875	0/8	2.365	5.99E-01	5.92E-01	

Appendix II-J

Calculation of 95% Upper Confidence Limit (UCL) Mean Concentrations for COPECs Identified in Sediments

Chem Class	CAS	Analyte	Units	Site (R2 - R6)						Reference (R1)						
				Max	Avg	Freq	t-95UCL	H-95UCL	Comment	Max	Avg	Freq	t-value	t-95UCL	H-95UCL	Comment
Metals	7440-62-2	Vanadium	mg/kg	25.000	9.697	37/37	11.696	11.787	Use 95UCLg	19	6.4	8/8	2.365	1.10E+01	1.22E+01	Use 95UCLg
Metals	7440-66-6	Zinc	mg/kg	310.000	89.732	36/37	119.173	162.906	Use 95UCLg	89	21.05	7/8	2.365	4.53E+01	6.52E+01	Use 95UCLg

Appendix II-K

Calculation of 95% Upper Confidence Limit (UCL) Mean Concentrations for COPECs Identified in Surface Water

Appendix II-K

Calculation of 95% Upper Confidence Limit (UCL) Mean Concentrations for COPECs Identified in Surface Water

ChemClass	CAS	Total or Dissolved	Analyte	Units	Site (R2-R6)						Reference (R1)					
					Max	Avg	Freq	t-95UCL	H-95UCL	Comment	Max	Avg	Freq	t-95UCL	H-95UCL	Comment
VOCs	71-55-6	T	1,1,1-Trichloroethane	ug/l	0.500	0.500	0/39	0.500	0.500		0.500	0.500	0/8	0.500	0.500	
VOCs	79-34-5	T	1,1,2,2-Tetrachloroethane	ug/l	0.500	0.500	0/39	0.500	0.500		0.500	0.500	0/8	0.500	0.500	
VOCs	79-00-5	T	1,1,2-Trichloroethane	ug/l	0.500	0.500	0/39	0.500	0.500		0.500	0.500	0/8	0.500	0.500	
VOCs	75-34-3	T	1,1-Dichloroethane	ug/l	0.500	0.500	0/39	0.500	0.500		0.500	0.500	0/8	0.500	0.500	
VOCs	75-35-4	T	1,1-Dichloroethylene	ug/l	0.420	0.489	3/39	0.502	0.503	Use Max Value	0.500	0.500	0/8	0.500	0.500	
VOCs	120-82-1	T	1,2,4-Trichlorobenzene	ug/l	5.000	5.000	0/39	5.000	5.000		5.000	5.000	0/8	5.000	5.000	
VOCs	95-50-1	T	1,2-Dichlorobenzene	ug/l	40.000	5.800	2/39	7.633	6.249	Use 95UCLg	5.000	5.000	0/8	5.000	5.000	
VOCs	107-06-2	T	1,2-Dichloroethane	ug/l	0.700	0.452	11/39	0.487	0.500	Use 95UCLg	0.500	0.500	0/8	0.500	0.500	
VOCs	540-59-0	T	1,2-Dichloroethene (total)	ug/l	0.360	0.944	3/39	1.008	1.073	Use Max Value	1.000	1.000	0/8	1.000	1.000	
VOCs	78-87-5	T	1,2-Dichloropropane	ug/l	0.500	0.500	0/39	0.500	0.500		0.500	0.500	0/8	0.500	0.500	
VOCs	541-73-1	T	1,3-Dichlorobenzene	ug/l	5.000	5.000	0/39	5.000	5.000		5.000	5.000	0/8	5.000	5.000	
VOCs	106-46-7	T	1,4-Dichlorobenzene	ug/l	3.900	4.972	1/39	5.029	5.027	Use Max Value	5.000	5.000	0/8	5.000	5.000	
VOCs	108-60-1	T	2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether)	ug/l	5.000	5.000	0/39	5.000	5.000		5.000	5.000	0/8	5.000	5.000	
VOCs	78-93-3	T	2-Butanone (MEK)	ug/l	5.000	5.000	0/39	5.000	5.000		5.000	5.000	0/8	5.000	5.000	
VOCs	108-10-1	T	4-Methyl-2-pentanone (MIBK)	ug/l	3.800	4.969	1/39	5.032	5.030	Use Max Value	5.000	5.000	0/8	5.000	5.000	
VOCs	67-64-1	T	Acetone	ug/l	40.000	13.205	1/39	14.633	13.796	Use 95UCLg	12.500	12.500	0/8	12.500	12.500	
VOCs	71-43-2	T	Benzene	ug/l	4.500	0.547	14/39	0.761	0.590	Use 95UCLg	0.500	0.500	0/8	0.500	0.500	
VOCs	75-27-4	T	Bromodichloromethane	ug/l	0.500	0.500	0/39	0.500	0.500		0.500	0.500	0/8	0.500	0.500	
VOCs	75-25-2	T	Bromoform	ug/l	0.500	0.500	0/39	0.500	0.500		0.500	0.500	0/8	0.500	0.500	
VOCs	74-83-9	T	Bromomethane	ug/l	0.500	0.500	0/38	0.500	0.500		0.500	0.500	0/8	0.500	0.500	
VOCs	75-15-0	T	Carbon Disulfide	ug/l	0.690	0.484	5/39	0.507	0.508	Use 95UCLg	0.500	0.500	0/8	0.500	0.500	
VOCs	56-23-5	T	Carbon Tetrachloride	ug/l	0.170	0.492	1/39	0.509	0.518	Use Max Value	0.500	0.500	0/8	0.500	0.500	
VOCs	108-90-7	T	Chlorobenzene	ug/l	56.000	3.167	28/39	6.040	3.402	Use 95UCLg	0.500	0.500	0/8	0.500	0.500	
VOCs	124-48-1	T	Chlorodibromomethane	ug/l	0.500	0.500	0/39	0.500	0.500		0.500	0.500	0/8	0.500	0.500	
VOCs	75-00-3	T	Chloroethane	ug/l	0.500	0.500	0/39	0.500	0.500		0.500	0.500	0/8	0.500	0.500	
VOCs	67-66-3	T	Chloroform	ug/l	0.500	0.500	0/39	0.500	0.500		0.500	0.500	0/8	0.500	0.500	
VOCs	74-87-3	T	Chloromethane	ug/l	0.960	0.503	5/39	0.532	0.530	Use 95UCLg	0.500	0.469	1/8	0.543	0.569	Use Max Value
VOCs	10061-01-5	T	cis-1,3-Dichloropropene	ug/l	0.500	0.500	0/39	0.500	0.500		0.500	0.500	0/8	0.500	0.500	
VOCs	75-09-2	T	Dichloromethane	ug/l	2.500	2.500	0/39	2.500	2.500		2.500	2.500	0/8	2.500	2.500	
VOCs	100-41-4	T	Ethylbenzene	ug/l	1.300	0.521	1/39	0.562	0.541	Use 95UCLg	0.500	0.500	0/8	0.500	0.500	
VOCs	591-78-6	T	Methyl N-Butyl Ketone	ug/l	0.330	4.880	1/39	5.123	5.849	Use Max Value	5.000	5.000	0/8	5.000	5.000	
VOCs	100-42-5	T	Styrene (Monomer)	ug/l	0.500	0.500	0/39	0.500	0.500		0.500	0.500	0/8	0.500	0.500	
VOCs	127-18-4	T	Tetrachloroethene	ug/l	0.450	0.499	1/39	0.501	0.501	Use Max Value	0.500	0.500	0/8	0.500	0.500	
VOCs	108-88-3	T	Toluene	ug/l	4.500	0.611	10/39	0.620	0.643	Use 95UCLg	0.500	0.500	0/8	0.500	0.500	
VOCs	79-01-6	T	Trichloroethylene	ug/l	0.580	0.502	1/39	0.506	0.505	Use 95UCLg	0.500	0.500	0/8	0.500	0.500	
VOCs	75-01-4	T	Vinyl chloride	ug/l	0.500	0.500	0/39	0.500	0.500		0.500	0.500	0/8	0.500	0.500	
VOCs	1330-20-7	T	Xylenes, Total	ug/l	3.000	1.027	3/39	1.140	1.132	Use 95UCLg	1.000	1.000	0/8	1.000	1.000	
SVOCs	95-95-4	T	2,4,5-Trichlorophenol	ug/l	5.000	5.000	0/39	5.000	5.000		5.000	5.000	0/8	5.000	5.000	
SVOCs	88-06-2	T	2,4,6-Trichlorophenol	ug/l	17.000	5.308	1/39	5.931	5.553	Use 95UCLg	5.000	5.000	0/8	5.000	5.000	
SVOCs	120-83-2	T	2,4-Dichlorophenol	ug/l	69.000	5.933	11/39	9.320	6.412	Use 95UCLg	5.000	5.000	0/8	5.000	5.000	
SVOCs	105-67-9	T	2,4-Dimethylphenol	ug/l	8.300	5.085	1/39	5.256	5.197	Use 95UCLg	5.000	5.000	0/8	5.000	5.000	
SVOCs	51-28-5	T	2,4-Dinitrophenol	ug/l	25.000	25.000	0/39	25.000	25.000		25.000	25.000	0/8	25.000	25.000	
SVOCs	121-14-2	T	2,4-Dinitrotoluene	ug/l	5.000	5.000	0/39	5.000	5.000		5.000	5.000	0/8	5.000	5.000	
SVOCs	606-20-2	T	2,6-Dinitrotoluene	ug/l	17.000	5.308	1/39	5.931	5.553	Use 95UCLg	5.000	5.000	0/8	5.000	5.000	
SVOCs	91-58-7	T	2-Chloronaphthalene	ug/l	5.000	5.000	0/39	5.000	5.000		5.000	5.000	0/8	5.000	5.000	
SVOCs	95-57-8	T	2-Chlorophenol	ug/l	31.000	5.277	6/39	6.688	5.922	Use 95UCLg	5.000	5.000	0/8	5.000	5.000	
SVOCs	91-57-6	T	2-Methylnaphthalene	ug/l	5.000	5.000	0/39	5.000	5.000		5.000	5.000	0/8	5.000	5.000	
SVOCs	95-48-7	T	2-Methylphenol (o-Cresol)	ug/l	5.000	5.000	0/39	5.000	5.000		5.000	5.000	0/8	5.000	5.000	
SVOCs	88-74-4	T	2-Nitroaniline	ug/l	25.000	25.000	0/39	25.000	25.000		25.000	25.000	0/8	25.000	25.000	
SVOCs	88-75-5	T	2-Nitrophenol	ug/l	5.000	5.000	0/39	5.000	5.000		5.000	5.000	0/8	5.000	5.000	
SVOCs	91-94-1	T	3,3'-Dichlorobenzidine	ug/l	10.000	10.000	0/39	10.000	10.000		10.000	10.000	0/8	10.000	10.000	

Appendix II-K
Calculation of 95% Upper Confidence Limit (UCL) Mean Concentrations for COPECs Identified in Surface Water

ChemClass	CAS	Total or Dissolved	Analyte	Units	Site (R2-R4)						Reference (R1)					
					Max	Avg	Freq	l-95UCL	H-95UCL	Comment	Max	Avg	Freq	l-95UCL	H-95UCL	Comment
SVOCs	108-44-5	T	3-Methylphenol/4-Methylphenol (m&p-Cresol)	ug/l	27.000	5.469	3/30	5.932	5.943	Use 95UCLg	5.000	5.000	0/6	5.000	5.000	
SVOCs	99-09-2	T	3-Nitroaniline	ug/l	25.000	25.000	0/30	25.000	25.000		25.000	25.000	0/6	25.000	25.000	
SVOCs	534-52-1	T	4,6-Dinitro-2-methylphenol	ug/l	25.000	25.000	0/30	25.000	25.000		25.000	25.000	0/6	25.000	25.000	
SVOCs	101-55-3	T	4-Bromophenyl Phenyl Ether	ug/l	5.000	5.000	0/30	5.000	5.000		5.000	5.000	0/6	5.000	5.000	
SVOCs	59-50-7	T	4-Chloro-3-methylphenol	ug/l	5.000	5.000	0/30	5.000	5.000		5.000	5.000	0/6	5.000	5.000	
SVOCs	7005-72-3	T	4-Chlorophenyl Phenyl Ether	ug/l	5.000	5.000	0/30	5.000	5.000		5.000	5.000	0/6	5.000	5.000	
SVOCs	100-02-7	T	4-Nitrophenol	ug/l	25.000	25.000	0/30	25.000	25.000		25.000	25.000	0/6	25.000	25.000	
SVOCs	83-32-9	T	Acenaphthene	ug/l	5.000	5.000	0/30	5.000	5.000		5.000	5.000	0/6	5.000	5.000	
SVOCs	208-96-8	T	Acenaphthylene	ug/l	5.000	5.000	0/30	5.000	5.000		5.000	5.000	0/6	5.000	5.000	
SVOCs	120-12-7	T	Anthracene	ug/l	5.000	5.000	0/30	5.000	5.000		5.000	5.000	0/6	5.000	5.000	
SVOCs	56-55-3	T	Benzo(a)anthracene	ug/l	5.000	5.000	0/30	5.000	5.000		5.000	5.000	0/6	5.000	5.000	
SVOCs	50-32-8	T	Benzo(a)pyrene	ug/l	5.000	5.000	0/30	5.000	5.000		5.000	5.000	0/6	5.000	5.000	
SVOCs	205-99-2	T	Benzo(b)fluoranthene	ug/l	5.000	5.000	0/30	5.000	5.000		5.000	5.000	0/6	5.000	5.000	
SVOCs	191-24-2	T	Benzo(g,h,i)perylene	ug/l	5.000	5.000	0/30	5.000	5.000		5.000	5.000	0/6	5.000	5.000	
SVOCs	207-08-9	T	Benzo(k)fluoranthene	ug/l	5.000	5.000	0/30	5.000	5.000		5.000	5.000	0/6	5.000	5.000	
SVOCs	85-68-7	T	Benzyl Butyl Phthalate	ug/l	5.000	5.000	0/30	5.000	5.000		5.000	5.000	0/6	5.000	5.000	
SVOCs	111-91-1	T	bis(2-Chloroethoxy)methane	ug/l	5.000	5.000	0/30	5.000	5.000		5.000	5.000	0/6	5.000	5.000	
SVOCs	111-44-4	T	bis(2-Chloroethyl)ether	ug/l	5.000	5.000	0/30	5.000	5.000		5.000	5.000	0/6	5.000	5.000	
SVOCs	117-81-7	T	bis(2-Ethylhexyl)phthalate	ug/l	1.700	4.915	1/30	5.087	5.179	Use Max Value	14.000	8.126	1/6	8.786	9.188	Use 95UCLg
SVOCs	86-74-8	T	Carbazole	ug/l	5.000	5.000	0/30	5.000	5.000		5.000	5.000	0/6	5.000	5.000	
SVOCs	218-01-9	T	Chrysene	ug/l	5.000	5.000	0/30	5.000	5.000		5.000	5.000	0/6	5.000	5.000	
SVOCs	53-70-3	T	Dibenzo(a,h)anthracene	ug/l	5.000	5.000	0/30	5.000	5.000		5.000	5.000	0/6	5.000	5.000	
SVOCs	132-64-9	T	Dibenzofuran	ug/l	5.000	5.000	0/30	5.000	5.000		5.000	5.000	0/6	5.000	5.000	
SVOCs	84-66-2	T	Diethyl Phthalate	ug/l	5.000	5.000	0/30	5.000	5.000		5.000	5.000	0/6	5.000	5.000	
SVOCs	131-11-3	T	Dimethyl Phthalate	ug/l	5.000	5.000	0/30	5.000	5.000		5.000	5.000	0/6	5.000	5.000	
SVOCs	84-74-2	T	Di-n-butylphthalate	ug/l	5.000	5.000	0/30	5.000	5.000		5.000	5.000	0/6	5.000	5.000	
SVOCs	117-84-0	T	Di-n-octylphthalate	ug/l	5.000	5.000	0/30	5.000	5.000		5.000	5.000	0/6	5.000	5.000	
SVOCs	206-44-0	T	Fluoranthene	ug/l	5.000	5.000	0/30	5.000	5.000		5.000	5.000	0/6	5.000	5.000	
SVOCs	86-73-7	T	Fluorene	ug/l	5.000	5.000	0/30	5.000	5.000		5.000	5.000	0/6	5.000	5.000	
SVOCs	118-74-1	T	Hexachlorobenzene	ug/l	5.000	5.000	0/30	5.000	5.000		5.000	5.000	0/6	5.000	5.000	
SVOCs	87-68-3	T	Hexachlorobutadiene	ug/l	5.000	5.000	0/30	5.000	5.000		5.000	5.000	0/6	5.000	5.000	
SVOCs	77-47-4	T	Hexachlorocyclopentadiene	ug/l	5.000	5.000	0/30	5.000	5.000		5.000	5.000	0/6	5.000	5.000	
SVOCs	67-72-1	T	Hexachloroethane	ug/l	5.000	5.000	0/30	5.000	5.000		5.000	5.000	0/6	5.000	5.000	
SVOCs	193-39-5	T	Indeno(1,2,3-cd)pyrene	ug/l	5.000	5.000	0/30	5.000	5.000		5.000	5.000	0/6	5.000	5.000	
SVOCs	78-59-1	T	Isophorone	ug/l	5.000	5.000	0/30	5.000	5.000		5.000	5.000	0/6	5.000	5.000	
SVOCs	91-20-3	T	Naphthalene	ug/l	21.000	5.410	1/30	5.241	5.661	Use 95UCLg	5.000	5.000	0/6	5.000	5.000	
SVOCs	98-95-3	T	Nitrobenzene	ug/l	2.500	4.936	1/30	5.066	5.096	Use Max Value	5.000	5.000	0/6	5.000	5.000	
SVOCs	621-64-7	T	N-Nitroso-di-n-propylamine	ug/l	5.000	5.000	0/30	5.000	5.000		5.000	5.000	0/6	5.000	5.000	
SVOCs	86-30-6	T	N-Nitrosodiphenylamine	ug/l	5.000	5.000	0/30	5.000	5.000		5.000	5.000	0/6	5.000	5.000	
SVOCs	106-47-8	T	P-Chloroaniline	ug/l	160.000	12.049	17/30	20.017	14.390	Use 95UCLg	10.000	10.000	0/6	10.000	10.000	
SVOCs	87-86-5	T	Pentachlorophenol	ug/l	1.900	0.536	1/30	0.609	0.562	Use 95UCLg	0.300	0.475	1/6	0.534	0.544	Use Max Value
SVOCs	85-01-8	T	Phenanthrene	ug/l	5.000	5.000	0/30	5.000	5.000		5.000	5.000	0/6	5.000	5.000	
SVOCs	108-95-2	T	Phenol	ug/l	14.000	5.436	10/30	6.146	6.118	Use 95UCLg	5.000	5.000	0/6	5.000	5.000	
SVOCs	100-01-6	T	P-Nitroaniline	ug/l	25.000	25.000	0/30	25.000	25.000		25.000	25.000	0/6	25.000	25.000	
SVOCs	129-00-0	T	Pyrene	ug/l	5.000	5.000	0/30	5.000	5.000		5.000	5.000	0/6	5.000	5.000	
SVOCs	10061-02-6	T	trans-1,3-Dichloropropene	ug/l	0.500	0.500	0/30	0.500	0.500		0.500	0.500	0/6	0.500	0.500	
Pesticides	72-54-8	T	4,4'-DDD	ug/l	0.050	0.050	0/30	0.050	0.050		0.050	0.050	0/6	0.050	0.050	
Pesticides	72-55-9	T	4,4'-DDE	ug/l	0.050	0.050	0/30	0.050	0.050		0.050	0.050	0/6	0.050	0.050	
Pesticides	50-29-3	T	4,4'-DDT	ug/l	0.050	0.050	0/30	0.050	0.050		0.050	0.050	0/6	0.050	0.050	
Pesticides	309-00-2	T	Aldrin	ug/l	0.025	0.025	0/30	0.025	0.025		0.025	0.025	0/6	0.025	0.025	
Pesticides	319-84-6	T	alpha-BHC	ug/l	0.025	0.025	0/30	0.025	0.025		0.025	0.025	0/6	0.025	0.025	

Appendix II-K

Calculation of 95% Upper Confidence Limit (UCL) Mean Concentrations for COPECs Identified in Surface Water

ChemClass	CAS	Total or Dissolved	Analyte	Units	Site (R2-R6)						Reference (R1)					
					Max	Avg	Freq	t-95UCL	H-95UCL	Comment	Max	Avg	Freq	t-95UCL	H-95UCL	Comment
Pesticides	5103-71-9	T	alpha-Chlordane	ug/l	0.025	0.025	0/38	0.025	0.025		0.025	0.025	0/8	0.025	0.025	
Pesticides	319-85-7	T	beta-BHC	ug/l	0.009	0.024	2/38	0.025	0.026	Use Max Value	0.025	0.025	0/8	0.025	0.025	
Pesticides	319-86-8	T	delta-BHC	ug/l	0.025	0.025	0/38	0.025	0.025		0.025	0.025	0/8	0.025	0.025	
Pesticides	60-57-1	T	Dieldrin	ug/l	0.050	0.050	0/38	0.050	0.050		0.050	0.050	0/8	0.050	0.050	
Pesticides	959-98-8	T	Endosulfan I	ug/l	0.025	0.025	0/38	0.025	0.025		0.025	0.025	0/8	0.025	0.025	
Pesticides	33213-65-9	T	Endosulfan II	ug/l	0.050	0.050	0/38	0.050	0.050		0.050	0.050	0/8	0.050	0.050	
Pesticides	1031-07-8	T	Endosulfan Sulfate	ug/l	0.050	0.050	0/38	0.050	0.050		0.050	0.050	0/8	0.050	0.050	
Pesticides	72-20-8	T	Endrin	ug/l	0.050	0.050	0/38	0.050	0.050		0.050	0.050	0/8	0.050	0.050	
Pesticides	7421-93-4	T	Endrin Aldehyde	ug/l	0.050	0.050	0/38	0.050	0.050		0.050	0.050	0/8	0.050	0.050	
Pesticides	53494-70-5	T	Endrin Ketone	ug/l	0.023	0.048	2/38	0.051	0.052	Use Max Value	0.024	0.026	6/8	0.039	0.042	Use Max Value
Pesticides	58-89-9	T	gamma-BHC (Lindane)	ug/l	0.025	0.025	0/38	0.025	0.025		0.025	0.025	0/8	0.025	0.025	
Pesticides	5103-74-2	T	gamma-Chlordane	ug/l	0.025	0.025	0/38	0.025	0.025		0.025	0.025	0/8	0.025	0.025	
Pesticides	76-44-8	T	Heptachlor	ug/l	0.025	0.025	0/38	0.025	0.025		0.025	0.025	0/8	0.025	0.025	
Pesticides	1024-57-3	T	Heptachlor Epoxide	ug/l	0.025	0.025	0/38	0.025	0.025		0.025	0.025	0/8	0.025	0.025	
Pesticides	72-43-5	T	Methoxychlor	ug/l	0.250	0.250	0/38	0.250	0.250		0.250	0.250	0/8	0.250	0.250	
Pesticides	8001-35-2	T	Toxaphene	ug/l	2.500	2.500	0/38	2.500	2.500		2.500	2.500	0/8	2.500	2.500	
Herbicides	93-76-5	T	2,4,5-T	ug/l	0.300	0.251	1/39	0.254	0.253	Use 95UCLg	0.250	0.250	0/8	0.250	0.250	
Herbicides	93-72-1	T	2,4,5-TP (Silvex)	ug/l	0.250	0.250	0/39	0.250	0.250		0.250	0.250	0/8	0.250	0.250	
Herbicides	94-75-7	T	2,4-D	ug/l	29.000	1.981	25/39	3.475	2.699	Use 95UCLg	0.250	0.250	0/8	0.250	0.250	
Herbicides	94-82-6	T	2,4-DB	ug/l	0.250	0.250	0/39	0.250	0.250		0.250	0.250	0/8	0.250	0.250	
Herbicides	75-99-0	T	Dalapon	ug/l	60.000	60.000	0/39	60.000	60.000		60.000	60.000	0/8	60.000	60.000	
Herbicides	1918-00-9	T	Dicamba	ug/l	0.600	0.600	0/39	0.600	0.600		0.600	0.600	0/8	0.600	0.600	
Herbicides	120-36-5	T	Dichlorprop	ug/l	2.200	2.309	12/39	2.661	3.477	Use Max Value	3.000	3.000	0/8	3.000	3.000	
Herbicides	88-85-7	T	Dinoseb	ug/l	5.000	5.000	0/39	5.000	5.000		5.000	5.000	0/8	5.000	5.000	
Herbicides	94-74-6	T	MCPA (2-Methyl-4-Chlorophenoxyacetic Acid)	ug/l	31.000	59.256	1/39	60.762	61.084	Use Max Value	60.000	60.000	0/8	60.000	60.000	
Herbicides	93-65-2	T	MCPP	ug/l	53.000	59.821	1/39	60.184	60.151	Use Max Value	60.000	60.000	0/8	60.000	60.000	
PCBs	2051-24-3	T	Decachlorobiphenyl	ug/l	0.250	0.250	0/39	0.250	0.250		0.250	0.250	0/8	0.250	0.250	
PCBs	C-DICHLOROBI	T	Dichlorobiphenyl	ug/l	0.050	0.050	0/39	0.050	0.050		0.050	0.050	0/8	0.050	0.050	
PCBs	C-HEPTACHLOR	T	Heptachlorobiphenyl	ug/l	0.150	0.150	0/39	0.150	0.150		0.150	0.150	0/8	0.150	0.150	
PCBs	C-HEXACHLORO	T	Hexachlorobiphenyl	ug/l	0.100	0.100	0/39	0.100	0.100		0.100	0.100	0/8	0.100	0.100	
PCBs	C-MONOCHLORO	T	Monochlorobiphenyl	ug/l	0.050	0.050	0/39	0.050	0.050		0.050	0.050	0/8	0.050	0.050	
PCBs	C-NONACHLORO	T	Nonachlorobiphenyl	ug/l	0.250	0.250	0/39	0.250	0.250		0.250	0.250	0/8	0.250	0.250	
PCBs	C-OCTA-BIPHE	T	Octachlorobiphenyl	ug/l	0.150	0.150	0/39	0.150	0.150		0.150	0.150	0/8	0.150	0.150	
PCBs	C-PENTBIPHEN	T	Pentachlorobiphenyl	ug/l	0.100	0.100	0/39	0.100	0.100		0.100	0.100	0/8	0.100	0.100	
PCBs	C-TETRACHLOR	T	Tetrachlorobiphenyl	ug/l	0.100	0.100	0/39	0.100	0.100		0.100	0.100	0/8	0.100	0.100	
PCBs	C-TRICHLOROB	T	Trichlorobiphenyl	ug/l	0.050	0.050	0/39	0.050	0.050		0.050	0.050	0/8	0.050	0.050	
Dioxins	35822-46-9	T	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	ug/l	0.000	0.000	0/5	0.000	0.000		0.000	0.000	0/2	0.000	0.000	
Dioxins	67562-39-4	T	1,2,3,4,6,7,8-HpCDF	ug/l	0.000	0.000	0/5	0.000	0.000		0.000	0.000	0/2	0.000	0.000	
Dioxins	55673-89-7	T	1,2,3,4,7,8,9-HpCDF	ug/l	0.000	0.000	0/5	0.000	0.000		0.000	0.000	0/2	0.000	0.000	
Dioxins	39227-28-6	T	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	ug/l	0.000	0.000	0/5	0.000	0.000		0.000	0.000	0/2	0.000	0.000	
Dioxins	70648-26-9	T	1,2,3,4,7,8-HxCDF	ug/l	0.000	0.000	0/5	0.000	0.000		0.000	0.000	0/2	0.000	0.000	
Dioxins	57653-85-7	T	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	ug/l	0.000	0.000	0/5	0.000	0.000		0.000	0.000	0/2	0.000	0.000	
Dioxins	57117-44-9	T	1,2,3,6,7,8-HxCDF	ug/l	0.000	0.000	0/5	0.000	0.000		0.000	0.000	0/2	0.000	0.000	
Dioxins	19408-74-3	T	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	ug/l	0.000	0.000	0/5	0.000	0.000		0.000	0.000	0/2	0.000	0.000	
Dioxins	72918-21-9	T	1,2,3,7,8,9-HxCDF	ug/l	0.000	0.000	0/5	0.000	0.000		0.000	0.000	0/2	0.000	0.000	
Dioxins	57117-41-6	T	1,2,3,7,8-Pentachlorodibenzofuran	ug/l	0.000	0.000	0/5	0.000	0.000		0.000	0.000	0/2	0.000	0.000	
Dioxins	40321-76-4	T	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	ug/l	0.000	0.000	0/5	0.000	0.000		0.000	0.000	0/2	0.000	0.000	
Dioxins	60851-34-5	T	2,3,4,6,7,8-HxCDF	ug/l	0.000	0.000	0/5	0.000	0.000		0.000	0.000	0/2	0.000	0.000	
Dioxins	57117-31-4	T	2,3,4,7,8-PeCDF	ug/l	0.000	0.000	0/5	0.000	0.000		0.000	0.000	0/2	0.000	0.000	
Dioxins	1746-01-6	T	2,3,7,8-TCDD	ug/l	0.000	0.000	0/5	0.000	0.000		0.000	0.000	0/2	0.000	0.000	
Dioxins	51207-31-9	T	2,3,7,8-Tetrachlorodibenzofuran	ug/l	0.000	0.000	0/5	0.000	0.000		0.000	0.000	0/2	0.000	0.000	

Appendix II-K
Calculation of 95% Upper Confidence Limit (UCL) Mean Concentrations for COPECs Identified in Surface Water

					Site (R2-R6)						Reference (R1)					
ChemClass	CAS	Total or Dissolved	Analyte	Units	Max	Avg	Freq	l-95UCL	H-95UCL	Comment	Max	Avg	Freq	l-95UCL	H-95UCL	Comment
Dioxins	3268-87-9	T	OCDD	ug/l	0.000	0.000	0/6	0.000	0.000		0.000	0.000	0/2	0.000	0.000	
Dioxins	39001-02-0	T	OCDF	ug/l	0.000	0.000	0/6	0.000	0.000		0.000	0.000	0/2	0.000	0.000	
Dioxins	37871-00-4	T	Total HpCDD	ug/l	0.000	0.000	0/6	0.000	0.000		0.000	0.000	0/2	0.000	0.000	
Dioxins	38998-75-9	T	Total HpCDF	ug/l	0.000	0.000	0/6	0.000	0.000		0.000	0.000	0/2	0.000	0.000	
Dioxins	34465-46-8	T	Total HxCDD	ug/l	0.000	0.000	0/6	0.000	0.000		0.000	0.000	0/2	0.000	0.000	
Dioxins	55684-94-1	T	Total HxCDF	ug/l	0.000	0.000	0/6	0.000	0.000		0.000	0.000	0/2	0.000	0.000	
Dioxins	36088-22-9	T	Total PeCDD	ug/l	0.000	0.000	0/6	0.000	0.000		0.000	0.000	0/2	0.000	0.000	
Dioxins	30402-15-4	T	Total PeCDF	ug/l	0.000	0.000	0/6	0.000	0.000		0.000	0.000	0/2	0.000	0.000	
Dioxins	41903-57-5	T	Total TCDD	ug/l	0.000	0.000	0/6	0.000	0.000		0.000	0.000	0/2	0.000	0.000	
Dioxins	55722-27-5	T	Total TCDF	ug/l	0.000	0.000	0/6	0.000	0.000		0.000	0.000	0/2	0.000	0.000	
Metals	7429-90-5	D	Aluminum	mg/l	0.012	0.091	3/39	0.100	0.130	Use Max Value	0.100	0.100	0/8	0.100	0.100	
Metals	7429-90-5	T	Aluminum	mg/l	1.100	0.760	38/39	0.819	0.868	Use 95UCLg	0.880	0.706	8/8	0.794	0.798	Use 95UCLg
Metals	7440-36-0	D	Antimony	mg/l	0.010	0.010	0/39	0.010	0.010		0.010	0.010	0/8	0.010	0.010	
Metals	7440-36-0	T	Antimony	mg/l	0.008	0.010	1/39	0.010	0.010	Use Max Value	0.010	0.010	0/8	0.010	0.010	
Metals	7440-38-2	D	Arsenic	mg/l	0.006	0.006	1/39	0.006	0.006	Use Max Value	0.006	0.011	1/8	0.084	0.083	Use Max Value
Metals	7440-38-2	T	Arsenic	mg/l	0.006	0.006	7/39	0.006	0.006	Use 95UCLg	0.006	0.006	0/8	0.006	0.006	
Metals	7440-39-3	D	Barium	mg/l	0.084	0.082	39/39	0.082	0.082	Use 95UCLg	0.081	0.080	8/8	0.080	0.080	Use 95UCLg
Metals	7440-39-3	T	Barium	mg/l	0.086	0.081	39/39	0.082	0.082	Use 95UCLg	0.081	0.080	8/8	0.080	0.080	Use 95UCLg
Metals	7440-41-7	D	Beryllium	mg/l	0.002	0.002	0/39	0.002	0.002		0.002	0.002	0/8	0.002	0.002	
Metals	7440-41-7	T	Beryllium	mg/l	0.002	0.002	0/39	0.002	0.002		0.002	0.002	0/8	0.002	0.002	
Metals	7440-43-9	D	Cadmium	mg/l	0.003	0.003	0/39	0.003	0.003		0.003	0.003	0/8	0.003	0.003	
Metals	7440-43-9	T	Cadmium	mg/l	0.003	0.003	0/39	0.003	0.003		0.003	0.003	0/8	0.003	0.003	
Metals	7440-70-2	D	Calcium	mg/l	53.000	50.849	39/39	51.342	51.274	Use 95UCLg	50.000	49.875	8/8	50.171	50.125	Use Max Value
Metals	7440-70-2	T	Calcium	mg/l	54.000	51.282	39/39	51.867	51.794	Use 95UCLg	53.000	50.875	8/8	52.173	51.976	Use 95UCLg
Metals	7440-47-3	D	Chromium	mg/l	0.006	0.006	0/39	0.006	0.006		0.006	0.006	0/8	0.006	0.006	
Metals	7440-47-3	T	Chromium	mg/l	0.006	0.006	0/39	0.006	0.006		0.006	0.006	0/8	0.006	0.006	
Metals	7440-48-4	D	Cobalt	mg/l	0.001	0.006	3/39	0.006	0.006	Use Max Value	0.006	0.006	0/8	0.006	0.006	
Metals	7440-48-4	T	Cobalt	mg/l	0.001	0.004	8/39	0.006	0.006	Use Max Value	0.001	0.006	1/8	0.006	0.006	Use Max Value
Metals	7440-50-8	D	Copper	mg/l	0.010	0.010	0/39	0.010	0.010		0.010	0.010	0/8	0.010	0.010	
Metals	7440-50-8	T	Copper	mg/l	0.038	0.010	8/39	0.012	0.011	Use 95UCLg	0.010	0.010	0/8	0.010	0.010	
Metals	7439-89-6	D	Iron	mg/l	0.087	0.039	28/39	0.048	0.044	Use 95UCLg	0.032	0.028	7/8	0.031	0.030	Use 95UCLg
Metals	7439-89-6	T	Iron	mg/l	1.400	1.064	39/39	1.125	1.131	Use 95UCLg	1.100	0.968	8/8	1.048	1.038	Use 95UCLg
Metals	7439-92-1	D	Lead	mg/l	0.003	0.003	0/39	0.003	0.003		0.003	0.003	0/8	0.003	0.003	
Metals	7439-92-1	T	Lead	mg/l	0.006	0.003	6/39	0.003	0.003	Use 95UCLg	0.003	0.003	0/8	0.003	0.003	
Metals	7439-95-4	D	Magnesium	mg/l	22.000	20.205	39/39	20.442	20.409	Use 95UCLg	20.000	20.000	8/8	20.000	20.000	Use 95UCLg
Metals	7439-95-4	T	Magnesium	mg/l	22.000	20.436	39/39	20.731	20.694	Use 95UCLg	21.000	20.600	8/8	20.947	20.876	Use 95UCLg
Metals	7439-96-5	D	Manganese	mg/l	0.001	0.006	1/39	0.006	0.006	Use Max Value	0.006	0.006	0/8	0.006	0.006	
Metals	7439-96-5	T	Manganese	mg/l	0.140	0.086	38/39	0.091	0.106	Use 95UCLg	0.084	0.081	8/8	0.083	0.083	Use 95UCLg
Metals	7439-97-6	D	Mercury	mg/l	0.000	0.000	3/39	0.000	0.000	Use 95UCLg	0.000	0.000	0/8	0.000	0.000	
Metals	7439-97-6	T	Mercury	mg/l	0.000	0.000	3/39	0.000	0.000	Use 95UCLg	0.000	0.000	0/8	0.000	0.000	
Metals	7440-02-0	D	Nickel	mg/l	0.020	0.020	0/39	0.020	0.020		0.020	0.020	0/8	0.020	0.020	
Metals	7440-02-0	T	Nickel	mg/l	0.020	0.020	0/39	0.020	0.020		0.020	0.020	0/8	0.020	0.020	
Metals	7440-09-7	D	Potassium	mg/l	3.600	3.388	39/39	3.436	3.430	Use 95UCLg	3.300	3.188	8/8	3.241	3.233	Use 95UCLg
Metals	7440-09-7	T	Potassium	mg/l	3.700	3.496	39/39	3.536	3.530	Use 95UCLg	3.500	3.360	8/8	3.468	3.461	Use 95UCLg
Metals	7782-49-2	D	Selenium	mg/l	0.006	0.006	0/39	0.006	0.006		0.006	0.006	0/8	0.006	0.006	
Metals	7782-49-2	T	Selenium	mg/l	0.006	0.006	0/39	0.006	0.006		0.006	0.006	0/8	0.006	0.006	
Metals	7440-22-4	D	Silver	mg/l	0.001	0.006	1/39	0.006	0.006	Use Max Value	0.006	0.006	0/8	0.006	0.006	
Metals	7440-22-4	T	Silver	mg/l	0.001	0.006	1/39	0.006	0.006	Use Max Value	0.006	0.006	0/8	0.006	0.006	
Metals	7440-23-5	D	Sodium	mg/l	24.000	20.206	39/39	20.742	20.662	Use 95UCLg	20.000	18.000	8/8	18.999	18.847	Use 95UCLg
Metals	7440-23-5	T	Sodium	mg/l	24.000	20.256	39/39	20.791	20.711	Use 95UCLg	20.000	18.250	8/8	19.224	19.087	Use 95UCLg
Metals	7440-28-0	D	Thallium	mg/l	0.006	0.006	0/39	0.006	0.006		0.006	0.006	0/8	0.006	0.006	

Appendix II-K
Calculation of 95% Upper Confidence Limit (UCL) Mean Concentrations for COPECs Identified in Surface Water

ChemClass	CAS	Total or Dissolved	Analyte	Units	Site (R2-R6)						Reference (R1)					
					Max	Avg	Freq	t-95UCL	H-95UCL	Comment	Max	Avg	Freq	t-95UCL	H-95UCL	Comment
Metals	7440-28-0	T	Thallium	mg/l	0.005	0.005	0/39	0.005	0.005		0.005	0.005	1/8	0.005	0.005	Use 95UCLg
Metals	7440-62-2	D	Vanadium	mg/l	0.010	0.005	3/39	0.005	0.005	Use 95UCLg	0.002	0.003	5/8	0.004	0.005	Use Max Value
Metals	7440-62-2	T	Vanadium	mg/l	0.004	0.005	3/39	0.005	0.005	Use Max Value	0.003	0.005	1/8	0.005	0.005	Use Max Value
Metals	7440-66-6	D	Zinc	mg/l	0.036	0.011	5/39	0.012	0.012	Use 95UCLg	0.010	0.010	0/8	0.010	0.010	
Metals	7440-66-6	T	Zinc	mg/l	0.041	0.010	15/39	0.012	0.011	Use 95UCLg	0.005	0.009	1/8	0.011	0.012	Use Max Value

Appendix II-L

COPECs Identified in Clam Tissue (Bioaccumulation Testing) by Sampling Location

Appendix II-L

Concentrations of COPECs Identified in Clam Tissue (Bioaccumulation Testing) by Sampling Location

Sample ID	SVOCs				Pesticides		Herbicides						PCBs	Dioxins				Metals															
	bis(2-Ethylhexyl)phthalate	Di-n-butylphthalate	Indeno(1,2,3-cd)pyrene	Pentachlorophenol	4,4'-DDE	4,4'-DDT	2,4,5-T	2,4-D	2,4-DB	Dichlorprop	MCPA	MCPP	Trichlorobiphenyl	OCDD	Total HpCDD	Total TCDD	Total TCDF	Aluminum	Arsenic	Barium	Cadmium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Potassium	Sodium	Vanadium	Zinc
	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
CONT.#1					3.5 J												0.63	32 J	2	81		3.7	0.37	4.1	360 J		48	84	0.0047 J	0.94	75	2900 J		2.7 J
CONT.#2					6.4 J				4.9 J									45	2.2	58		2.9	0.37	5.2	280		63	65	0.0093	0.45	110	2100		4.1
CONT.#3					5.6 J													61 J	1.5	88		5	0.64	6.2	280 J		110	480		1.1	150	1500 J	1.2	6.8 J
R1AD1S		150 J			9.7 J							1400 J		11				83	1.4	89		4.1	0.51	7.3	480 J		120	330		0.96	150 J	1600	1	10
R1AM1S					8.9 J			11 J		3.7 J	3100	1600 J						60		110			0.38	5.2	190 J		68	290		0.52	84 J	2200		4.5
R1AU1S		120 J			6.3 J		11 J											51	0.94	130		1.4	0.75	3.7	230		66	500	0.0046	0.8	84	2100	0.82	4.2
R1BD1S					14 J	2.4 J		21				2000 J						35	1.1	120		4.5	0.47	6.6	230 J		82	420		0.98	120 J	2000		5.7
R1BM1S					12			8.6 J				4500						20 J	0.78	130			0.35	3.6	170 J		54	360		0.35	75 J	2300		2.3
R1BM2S					9.1 J				3.9 J	4.2 J								40	1.2	92		5	0.47	4.2	220		65	310	0.005	0.64	110	1700		4.2
R1BU1S					9.2 J			12 J	5.4 J			2900 J	49					62	2.2	130			1	8	840		100	840	0.0099	0.96	140	1600	1.6	7.6
R1CM1S					9.6 J		3.5 J	14 J		4.9 J								37	0.83	110		1.6	0.5	4.2	220		61	350	0.0054	1.1	90	2000	0.69	4.2
R2AD1S					7.8 J									6.7 J				47	3.6	90		1.9	0.28	5.2	540 J		60	56	0.0041	0.28	110 J	2500		3.8
R2AM1S					9.7 J			14				2200						70	3.7	200		1.3	0.94	4.7	800 J		80	890		0.75	79 J	2400	1.5	2.9
R2AM2S					10					17 J		2400 J						44	2	110		2	0.63	3.9	430	0.35	63	420	0.0069	0.64	91	2000	0.77	5.6
R2AU1S					8.8 J					12 J		1700 J						49	2.5	130		4.1	0.89	4.4	480		74	800	0.0042	0.7	97	1700	1.1	7.6
R2BD1S					10			22				1600 J						44	1.3	150		1.7	0.42	4	290 J		62	480		0.69	66 J	2300		2.3
R2BM1S					9.7 J							3200						60	0.75	110		1.8	0.63	6.8	230 J		77	550		0.97	94 J	2100	1.2	4.4
R2BU1S					6.8 J							1600 J						30	1.2	110		3.9	0.49	5.5	220 J		75	390		1	130 J	1900		4.8
R2CM1S					7.1 J							7800						70	2.2	190		3.2	1.4	4.9	490 J		84	1300		2	120 J	2200	1.7	4.1
R3AD1S	260 J											580 J						13 J	1.1	81		4.8	0.14	4.1	160 J		47	40	0.0044	0.38	120 J	2400	0.25	3.4
R3AM1S					3.1 J												2	20 J	1.4	95		5.8		4.6	270 J		42	27	0.0049 J	1.7	79	2700 J		3.1 J
R3AU1S					4.7 J					4.2 J				5.7 J				69 J	4.4	190		1.9	0.99	2.9	960 J		64	880	0.004 J	0.73	70	2600 J	1.4	2.5 J
R3BD1S					5 J									11		0.5		11 J	1.3	54		2.2	0.18	4.7	160 J	0.36	54	33	0.0093 J	0.25	150	1800 J		5 J
R3BM1S					5 J					3.1 J				6.1 J				17 J	0.96	61		3.2		3.8	170 J		42	30	0.0054	0.23	100 J	2600		2.9
R3BU1S	320 J				9.6 J			15		35 J		3700 J						60	2.3	150		2.6	0.83	4.7	600 J		74	660		0.88	87 J	2500	1.1	3.8
R3CM1S					7.1 J					4.7 J								34 J	1.4	150		1.5	0.63	4.3	240 J		63	510		0.69	97	2400 J		3.4 J
R4AD1S					4 J			9.4 J	4.3 J					45	2.8	1		32	2.3	77	0.064 J	10	0.55	6	410		63	110	0.0091	2	140	2100		8.1
R4AM1S					5.4 J													42	3.3	39	0.14	57	0.85	11	710	1.1	89	120	0.013	25	190	1100	0.86	13
R4AU1S					6.4 J				7.8 J					5.7 J				21	1.7	54		4.1	0.26	5.2	260	0.5	58	37	0.0065	0.28	130	2200		5.4
R4BD1S										3.3 J	480 J	1100 J						5.4 J	1.1	55		6.1	0.17	4.3	140 J		48	52			120 J	2500	0.22	3.6
R4BM1S												1200 J						20 J	2.3	76			0.29	4.6	650 J		50	94		0.33	110 J	2500	0.44	4.1
R4BU1S					2.4 J													24 J	1.7	74		4	0.26	4.7	290 J	0.33	47	61	0.0073 J	0.61	79	2800 J		2.9 J
R4CM1S					4 J					3 J								22	2.1	55	0.059	8.4	0.41	5.4	320		50	66	0.0094	0.69	100	2200		5.3
R4CM2S					4.1 J					6 J								22	1.7	71		7.9	0.38	4.9	280		50	73	0.0088	1.7	120	2300		4.1

Appendix II-L
Concentrations of COPECs Identified in Clam Tissue (Bioaccumulation Testing) by Sampling Location

Sample ID	SVOCs				Pesticides		Herbicides						PCBs	Dioxins				Metals																	
	Bis(2-Ethylhexyl)phthalate	Di-n-butylphthalate	Indeno(1,2,3-cd)pyrene	Pentachlorophenol	4,4'-DDE	4,4'-DDT	2,4,5-T	2,4-D	2,4-DB	Dichloprop	MCPA	MCPP	Trichlorobiphenyl	OCDD	Total HpCDD	Total TCDD	Total TCDF	Aluminum	Arsenic	Barium	Cadmium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Potassium	Sodium	Vanadium	Zinc
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
R6AM1S					4.2 J													30 J	1.7	63		7.2	0.94	5.8	270 J		56	77	0.0066 J	1.1	140	2900 J		4.6 J
R6AN1S					5.9 J			7.2 J				600 J						46	2.3	110		9.6	0.68	6	460		86	660	0.0046	1.1	140	1700	1.2	7.2
R6AU1S					4.6 J													20 J	1.5	86		1.2		3.6	240 J		38	46	0.013 J	0.27	89	2600 J		3.2 J
R6BM1S					3.9 J													18	1.6	80		13	0.44	4.6	280		47	76	0.0065	5.2	110	2400		4
R6BN1S					19	8.6 J	4.6 J			4.1 J								35	1.9	180			0.66	5	630	0.49	69	500	0.0072	0.72	110	1800	0.98	5.2
R6BU1S					8.8 J						440 J							28	2	70		9.5	0.42	6	330	0.37	59	81	0.0063	0.5	120	2800		4.6
R6CM1S			71 J	160 J	4.6 J			8.6 J	7.2 J									19	1.6	68		8	0.53	4.3	230		50	80	0.0092	0.4	120	2200		4.2
R6AD1S					9 J					6.9 J								22	1.6	72		2.5	0.32	3.9	260	0.36	45	66	0.0062	0.3	110	2600		3.6
R6AM1B	260 J				8.6 J					4.9 J				5.6 J				18 J	1.3	73		1.1	0.23	3.8	180 J		60	34	0.0069		120 J	2400	0.23	3.1
R6AM2S					6 J				6.6 J	4.1 J				6.6 J				33	1	96		11		4.9	260		51	32	0.011	4.8	86	2600		4.9
R6AU1S										6.2 J	460 J							13 J	1.4	72		1.1		3.7	200 J		42	52	0.0066	0.31	100 J	3000		2.7
R6BM1S					3.1 J													21 J	1.1	84		2.8		4.8	180 J		50	29	0.0066 J	0.36	71	2700 J		2.7 J
R6BU1S					6.6 J						430 J							15 J	0.82	79		3.1	0.16	3	190 J		33	46	0.0061	0.64	82 J	3200	0.26	1.7
R6CM1S											420 J							17 J	1.6	62		4.1	0.32	5.6	240 J		69	71		0.48	160 J	2000	0.36	6