

Appendix B. Results of PFC analysis of fish collected in Mississippi Pool 2 in 2009

AXYS-ID	MPCA-ID	Collection Date	Section	River Mile	Species Code	Length (in)	Weight (kg)	Age (yr)	Gender	Lipids (%)	PFOA	PFOS	PFBS	PFOSA	PFPeA	PFDA	PFUnA	PFDoA	PFHxA	PFHpA	PFNA	PFHxS	PFBA
L12945-22	090001	20090528	1	844-847.5	FWD	13.0	0.374	5	j	1.1	< 2.49	72.8	< 4.98	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 4.98	< 2.49
L12945-23	090002	20090528	1	844-847.5	FWD	13.8	0.505	5	f	1.89	< 2.42	123.0	< 4.83	< 2.42	< 2.42	< 2.42	< 2.42	< 2.42	< 2.42	< 2.42	< 2.42	< 4.83	< 2.42
L12945-24	090003	20090528	1	844-847.5	FWD	13.4	0.509	5	j	2.78	< 2.38	62.9	< 4.76	< 2.38	< 2.38	< 2.38	< 2.38	< 2.38	< 2.38	< 2.38	< 2.38	< 4.76	< 2.38
L12945-25	090004	20090528	1	844-847.5	FWD	14.2	0.421	6	m	0.71	< 2.48	111.0	< 4.95	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 4.95	< 2.48
L12945-26	090005	20090528	1	844-847.5	FWD	14.2	0.571	6	m	0.37	< 2.46	30.1	< 4.93	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 4.93	< 2.46
L12945-27	090006	20090528	1	844-847.5	FWD	15.0	0.530	7	m	0.76	< 2.50	53.9	< 5.00	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 5.00	< 2.50
L12945-28 (A)	090007	20090528	1	844-847.5	FWD	18.1	1.006	10	m	1.87	< 2.46	34.0	< 4.93	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 4.93	< 2.46
L12945-29	090008	20090528	1	844-847.5	FWD	14.6	0.651	6	f	0.55	< 2.44	5.3	< 4.88	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 4.88	< 2.44
L12945-30	090009	20090528	1	844-847.5	FWD	13.0	0.348	5	f	0.96	< 2.48	15.7	< 4.95	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 4.95	< 2.48
L12946-1	090010	20090528	1	844-847.5	FWD	12.6	0.399	4	f	2.25	< 2.45	74.0	< 4.90	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 4.90	< 2.45
L12946-2	090011	20090528	1	844-847.5	FWD	13.0	0.403	5	m	0.61	< 2.50	75.7	< 5.00	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 5.00	< 2.50
L12945-5	090012	20090528	1	844-847.5	FWD	11.0	0.313	3	f	1.08	< 2.48	31.0	< 4.95	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 4.95	< 2.48
L12945-6	090013	20090528	1	844-847.5	FWD	13.4	0.538	5	m	0.81	< 2.45	60.0	< 4.90	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 4.90	< 2.45
L12945-7	090014	20090528	1	844-847.5	FWD	14.4	0.499	6	m	4.24	< 2.40	29.6	< 4.81	< 2.40	< 2.40	< 2.40	< 2.40	< 2.40	< 2.40	< 2.40	< 2.40	< 4.81	< 2.40
L12934-16	090015	20090528	1	844-847.5	WHB	12.6	0.301	3	m	0.81	< 2.48	89.9	< 4.95	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 4.95	< 2.48
L12934-17	090016	20090528	1	844-847.5	WHB	11.0	0.229	2	m	0.86	< 2.48	61.5	< 4.95	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 4.95	< 2.48
L12934-18	090017	20090528	1	844-847.5	WHB	13.4	0.519	4	f	1.78	< 2.36	85.5	< 4.72	< 2.36	< 2.36	< 2.36	< 2.36	< 2.36	< 2.36	< 2.36	< 2.36	< 4.72	< 2.36
L12934-19	090018	20090528	1	844-847.5	WHB	12.6	0.412	3	m	3.15	< 2.50	71.1	< 5.00	< 2.65	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 5.00	< 2.50
L12934-20	090019	20090528	1	844-847.5	WHB	13.8	0.525	4	f	2.4	< 2.44	60.1	< 4.88	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 4.88	< 2.44
L12934-21	090020	20090528	1	844-847.5	WHB	14.2	0.563	5	m	3.49	< 2.45	146.0	< 4.90	< 2.92	< 2.45	< 6.69	< 4.37	< 2.70	< 2.45	< 2.45	< 2.45	< 4.90	< 2.45
L12934-22 (A)	090021	20090528	1	844-847.5	WHB	14.6	0.763	6	f	3.83	< 2.43	51.5	< 4.85	< 2.43	< 2.43	< 3.21	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 4.85	< 2.43
L12934-23	090022	20090528	1	844-847.5	WHB	12.2	0.449	3	f	3.55	< 2.39	90.6	< 4.78	< 2.78	< 2.39	< 3.67	< 2.39	< 2.39	< 2.39	< 2.39	< 2.39	< 4.78	< 2.39
L12934-9	090023	20090528	1	844-847.5	WHB	12.6	0.549	3	f	3.24	< 2.39	58.3	< 4.78	< 2.43	< 2.39	< 2.63	< 2.39	< 2.39	< 2.39	< 2.39	< 2.39	< 4.78	< 2.39
L12934-10	090024	20090528	1	844-847.5	WHB	12.2	0.434	3	m	1.01	< 2.43	44.5	< 4.85	< 2.43	< 2.43	< 2.71	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 4.85	< 2.43
L12934-11	090025	20090528	1	844-847.5	WHB	12.6	0.416	3	m	1.08	< 2.40	62.7	< 4.81	< 2.40	< 2.40	< 2.69	< 2.40	< 2.43	< 2.40	< 2.40	< 2.40	< 4.81	< 2.40
L12934-12	090026	20090528	1	844-847.5	WHB	13.8	0.648	4	f	2.03	< 2.45	71.0	< 4.90	< 2.45	< 2.45	< 2.88	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 4.90	< 2.45
L12934-13	090027	20090528	1	844-847.5	WHB	13.4	0.601	4	m	3.59	< 2.46	90.3	< 4.93	< 2.46	< 2.46	< 3.29	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 4.93	< 2.46
L12934-14	090028	20090528	1	844-847.5	WHB	14.6	0.869	6	f	4.77	< 2.46	66.4	< 4.93	< 5.74	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 4.93	< 2.46
L12934-15	090029	20090528	1	844-847.5	WHB	14.6	0.765	6	m	0.95	< 2.45	95.1	< 4.90	< 2.45	< 2.45	< 3.17	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 4.90	< 2.45
L12931-12	090030	20090528	1	844-847.5	SMB	15.0	0.846	7	m	1.21	< 2.45	88.2	< 4.90	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 4.90	< 2.45
L12931-13	090031	20090528	1	844-847.5	SMB	15.7	0.968	8	m	0.89	< 2.44	36.5	< 4.88	< 2.44	< 2.44	< 2.78	< 3.84	< 2.44	< 2.44	< 2.44	< 2.44	< 4.88	< 2.44
L12931-14 (A)	090032	20090528	1	844-847.5	SMB	13.8	0.667	7	m	0.72	< 2.44	24.8	< 4.88	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 4.88	< 2.44
L12931-15	090033	20090528	1	844-847.5	SMB	13.0	0.527	5	m	0.7	< 2.48	17.2	< 4.95	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 4.95	< 2.48
L12931-16	090034	20090528	1	844-847.5	SMB	16.1	1.072	9	f	0.56	< 2.23	107.0	< 4.46	< 2.23	< 2.23	< 2.58	< 2.23	< 2.23	< 2.23	< 2.23	< 2.23	< 4.46	< 2.23
L12931-17	090035	20090528	1	844-847.5	SMB	11.4	0.406	4	f	0.53	< 2.48	30.9	< 4.95	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 4.95	< 2.48
L12931-18	090036	20090528	1	844-847.5	SMB	13.8	0.727	6	m	0.94	< 2.49	23.1	< 4.98	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 4.98	< 2.49
L12931-19 (A)	090037	20090528	1	844-847.5	SMB	13.0	0.568	5	m	1	< 2.39	21.5	< 4.78	< 2.39	< 2.39	< 2.39	< 2.39	< 2.39	< 2.39	< 2.39	< 2.39	< 4.78	< 2.39
L12931-20	090038	20090528	1	844-847.5	SMB	15.0	0.873	7	f	0.92	< 2.34	58.2	< 4.67	< 2.34	< 2.34	< 2.34	< 2.34	< 2.34	< 2.34	< 2.34	< 2.34	< 4.67	< 2.34
L12931-21	090039	20090528	1	844-847.5	SMB	15.0	1.023	7	m	1.29	< 2.34	49.3	< 4.67	< 2.34	< 2.34	< 2.34	< 2.34	< 2.34	< 2.34	< 2.34	< 2.34	< 4.67	< 2.34
L12931-22	090040	20090528	1	844-847.5	SMB	14.6	0.805	7	f	0.74	< 2.42	59.2	< 4.83	< 2.42	< 2.42	< 2.42	< 2.42	< 2.42	< 2.42	< 2.42	< 2.42	< 4.83	< 2.42
L12932-8	090041	20090528	1	844-847.5	SMB	16.5	1.189	9	m	1.56	< 2.48	35.6	< 4.95	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 4.95	< 2.48
L12932-9	090042	20090528	1	844-847.5	SMB	14.2	0.712	7	f	0.33	< 2.48	14.4	< 4.95	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 4.95	< 2.48
L12932-10	090043	20090528	1	844-847.5	SMB	12.2	0.548	5	f	0.83	< 2.36	13.6	< 4.72	< 2.36	< 2.36	< 2.36	< 2.36	< 2.36	< 2.36	< 2.36	< 2.36	< 4.72	< 2.36
L12932-11	090044	20090528	1	844-847.5	SMB	11.0	0.352	3	f	0.44	< 2.46	26.4	< 4.93	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 4.93	< 2.46
L12916-17	090045	20090528	1	844-847.5	C	21.3	2.074	6	m	7.32	< 2.39	93.1	< 4.78	< 2.39	< 2.39	< 2.39	< 2.39	< 2.39	< 2.39	< 2.39	< 2.39	< 4.78	< 2.39
L12916-18	090046	20090528	1	844-847.5	C	18.9	1.781	5	m	6.05	< 2.37	42.7	< 4.74	< 2.37	< 2.37	< 2.37	< 2.37	< 2.37	< 2.37	< 2.37	< 2.37	< 4.74	< 2.37
L12916-19	090047	20090528	1	844-847.5	C	17.7	1.176	5	m	4.66	< 2.16	12.3	< 4.33	<									

Appendix B. Results of PFC analysis of fish collected in Mississippi Pool 2 in 2009

AXYS-ID	MPCA-ID	Collection Date	Section	River Mile	Species Code	Length (in)	Weight (kg)	Age (yr)	Gender	Lipids (%)	PFOA	PFOS	PFBS	PFOSA	PFPeA	PFDA	PFUnA	PFDoA	PFHxA	PFHpA	PFNA	PFHxS	PFBA
L12933-20	090066	20090529	2	836-843	WHB	13.8	0.819	4	m	4.45	< 2.43	79.7	< 4.85	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 4.85	< 2.43
L12933-21	090067	20090529	2	836-843	WHB	11.4	0.342	2	f	0.88	< 2.50	59.3	< 5.00	5.96	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 5.00	< 2.50
L12933-22	090068	20090529	2	836-843	WHB	14.2	0.744	5	f	1.01	< 2.40	94.7	< 4.81	6.85	< 2.40	3.52	< 2.40	< 2.40	< 2.40	< 2.40	< 2.40	< 4.81	< 2.40
L12933-23	090069	20090529	2	836-843	WHB	13.0	0.633	4	f	3.28	< 2.40	61.9	< 4.81	< 2.40	< 2.40	3.24	< 2.41	< 2.40	< 2.40	< 2.40	< 2.40	< 4.81	< 2.40
L12933-24	090070	20090529	2	836-843	WHB	12.2	0.430	3	f	2.53	< 2.48	130.0	< 4.95	2.71	< 2.48	3.45	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 4.95	< 2.48
L12933-25	090071	20090529	2	836-843	WHB	10.2	0.290	2	f	2.95	< 2.43	77.5	< 4.85	< 2.43	< 2.43	2.99	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 4.85	< 2.43
L12933-26	090072	20090529	2	836-843	WHB	15.0	0.779	6	f	2.52	< 2.50	63.1	< 5.00	11.80	< 2.50	< 2.50	< 2.50	4.16	11.80	< 2.50	< 2.50	< 5.00	< 2.50
L12934-27	090073	20090529	2	836-843	WHB	10.2	0.239	2	f	2.78	< 2.44	73.5	< 4.88	3.02	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 4.88	< 2.44
L12934-28	090074	20090529	2	836-843	WHB	12.2	0.482	3	m	1.01	< 2.42	46.8	< 4.83	3.08	< 2.42	3.20	4.38	9.44	< 2.42	< 2.42	< 2.42	< 4.83	< 2.42
L12934-29	090075	20090529	2	836-843	WHB	11.4	0.310	2	f	1.11	< 2.42	37.7	< 4.83	< 2.42	< 2.42	< 2.42	< 2.42	< 2.42	< 2.42	< 2.42	< 2.42	< 4.83	< 2.42
L12934-30	090076	20090529	2	836-843	WHB	12.2	0.393	3	f	1.4	< 2.45	71.3	< 4.90	3.84	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 4.90	< 2.45
L12945-15	090077	20090529	2	836-843	FWD	11.8	0.368	4	f	2.21	< 2.46	90.1	< 4.93	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 4.93	< 2.46
L12945-16	090078	20090529	2	836-843	FWD	11.8	0.376	4	j	1.39	< 2.44	77.9	< 4.88	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 4.88	< 2.44
L12945-17	090079	20090529	2	836-843	FWD	13.0	0.402	5	f	11.2	< 2.39	< 4.78	< 4.78	< 2.39	< 2.39	< 2.39	< 2.39	< 2.39	< 2.39	< 2.39	< 2.39	< 4.78	< 2.39
L12945-18	090080	20090529	2	836-843	FWD	13.8	0.496	5	m	1.25	< 2.49	104.0	< 4.98	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 4.98	< 2.49
L12945-19	090081	20090529	2	836-843	FWD	12.2	0.329	4	m	2.11	< 2.43	39.3	< 4.85	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 4.85	< 2.43
L12945-20	090082	20090529	2	836-843	FWD	10.2	0.201	2	j	0.38	< 2.39	41.8	< 4.78	< 2.39	< 2.39	< 2.39	< 2.39	< 2.39	< 2.39	< 2.39	< 2.39	< 4.78	< 2.39
L12945-21	090083	20090529	2	836-843	FWD	12.6	0.400	4	f	2.26	< 2.46	36.6	< 4.93	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 4.93	< 2.46
L12946-25	090084	20090529	2	836-843	FWD	12.2	0.316	4	m	2.62	< 2.44	22.9	< 4.88	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 4.88	< 2.44
L12946-26	090085	20090529	2	836-843	FWD	14.2	0.550	6	m	4.23	< 2.38	67.6	< 4.76	< 2.38	< 2.38	< 2.38	< 2.38	< 2.38	< 2.38	< 2.38	< 2.38	< 4.76	< 2.38
L12946-27	090086	20090529	2	836-843	FWD	11.2	0.335	3	j	1.41	< 2.44	52.3	< 4.88	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 4.88	< 2.44
L12946-28	090087	20090529	2	836-843	FWD	16.3	0.755	8	m	2.78	< 2.48	71.8	< 4.95	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 4.95	< 2.48
L12946-29	090088	20090529	2	836-843	FWD	13.2	0.484	5	m	2.77	< 2.43	38.8	< 4.85	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 4.85	< 2.43
L12945-8	090089	20090529	2	836-843	FWD	16.9	1.302	9	f	0.61	< 2.39	< 4.78	< 4.78	< 2.39	< 2.39	< 2.39	< 2.39	< 2.39	< 2.39	< 2.39	< 2.39	< 4.78	< 2.39
L12945-9	090090	20090529	2	836-843	FWD	13.6	0.561	5	f	1.6	< 2.46	64.4	< 4.93	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 4.93	< 2.46
L12945-10	090091	20090529	2	836-843	FWD	12.2	0.405	4	m	1	< 2.34	19.1	< 4.67	< 2.34	< 2.34	< 2.34	< 2.34	< 2.34	< 2.34	< 2.34	< 2.34	< 4.67	< 2.34
L12931-30	090092	20090529	2	836-843	SMB	13.6	0.689	6	m	1.04	< 2.46	39.0	< 4.93	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 4.93	< 2.46
L12932-1	090093	20090529	2	836-843	SMB	13.8	0.750	7	f	1.13	< 2.44	30.2	< 4.88	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 4.88	< 2.44
L12932-2	090094	20090529	2	836-843	SMB	9.3	0.164	2	f	0.28	< 2.36	12.6	< 4.72	< 2.36	< 2.36	< 2.36	< 2.36	< 2.36	< 2.36	< 2.36	< 2.36	< 4.72	< 2.36
L12932-3	090095	20090529	2	836-843	SMB	9.1	0.196	2	m	0.54	< 2.36	30.8	< 4.72	< 2.36	< 2.36	< 2.36	< 2.36	< 2.36	< 2.36	< 2.36	< 2.36	< 4.72	< 2.36
L12932-4	090096	20090529	2	836-843	SMB	11.4	0.374	4	m	1.07	< 2.48	22.5	< 4.95	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 4.95	< 2.48
L12932-5	090097	20090529	2	836-843	SMB	10.6	0.292	3	m	0.7	< 2.49	13.3	< 4.98	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 4.98	< 2.49
L12932-6	090098	20090529	2	836-843	SMB	10.0	0.222	3	f	0.36	< 2.42	14.0	< 4.83	< 2.42	< 2.42	< 2.42	< 2.42	< 2.42	< 2.42	< 2.42	< 2.42	< 4.83	< 2.42
L12932-7	090099	20090529	2	836-843	SMB	14.2	0.642	7	m	0.8	< 2.45	14.9	< 4.90	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 4.90	< 2.45
L12931-23	090100	20090529	2	836-843	SMB	12.2	0.468	5	f	0.55	< 2.26	19.2	< 4.52	< 2.26	< 2.26	< 2.26	< 2.26	< 2.26	< 2.26	< 2.26	< 2.26	< 4.52	< 2.26
L12931-24	090101	20090529	2	836-843	SMB	13.0	0.573	5	m	0.81	< 2.49	59.6	< 4.98	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 4.98	< 2.49
L12931-25	090102	20090529	2	836-843	SMB	11.0	0.438	3	m	0.93	< 2.29	30.6	< 4.59	< 2.29	< 2.29	< 2.29	< 2.29	< 2.29	< 2.29	< 2.29	< 2.29	< 4.59	< 2.29
L12931-26	090103	20090529	2	836-843	SMB	10.2	0.256	3	f	0.54	< 2.31	25.0	< 4.63	< 2.31	< 2.31	< 2.31	< 2.31	< 2.31	< 2.31	< 2.31	< 2.31	< 4.63	< 2.31
L12931-27	090104	20090529	2	836-843	SMB	12.6	0.513	5	m	0.46	< 2.49	13.1	< 4.98	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 4.98	< 2.49
L12931-28	090105	20090529	2	836-843	SMB	13.4	0.662	6	m	0.64	< 2.43	38.1	< 4.85	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 4.85	< 2.43
L12931-29	090106	20090529	2	836-843	SMB	11.4	0.358	4	f	0.47	< 2.25	25.1	< 4.50	< 2.25	< 2.25	< 2.25	< 2.25	< 2.25	< 2.25	< 2.25	< 2.25	< 4.50	< 2.25
L12948-8	090107	20090529	2	836-843	BGS	6.9	0.118	6	f	0.41	< 2.51	46.5	< 5.03	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51	< 5.03	< 2.51
L12948-9	090108	20090529	2	836-843	BGS	5.3	0.052	3	f	0.6	< 2.37	25.9	< 4.74	< 2.37	< 2.37	< 2.37	< 2.37	< 2.37	< 2.37	< 2.37	< 2.37	< 4.74	< 2.37
L12948-10	090109	20090529	2	836-843	BGS	5.7	0.066	4	f	0.34	< 2.38	24.6	< 4.76	< 2.38	< 2.38	< 2.38	< 2.38	< 2.38	< 2.38	< 2.38	< 2.38	< 4.76	< 2.38
L12948-11	090110	20090529	2	836-843	BGS	5.3	0.043	3	f	0.37	< 2.51	45.4	< 5.03	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51	< 2.51	< 5.03	< 2.51
L12947-13	090111	20090529	2	836-843	BGS	4.9	0.042	3	j	1.31	< 2.39	55.9	< 4.78	< 2.39	< 2.39	< 2.39	< 2.39	< 2.39	< 2.39	< 2.39	< 2.39	< 4.78	< 2.39
L12947-14	090112	20090529	2	836-843	BGS	6.5	0.099	6	m	0.42	< 2.38	30.3	< 4.76	< 2.38	< 2.38	< 2.38	< 2.38	< 2.38	< 2.38	< 2.38	< 2.38	< 4.76	< 2.38
L12947-15	090113	20090529																					

Appendix B. Results of PFC analysis of fish collected in Mississippi Pool 2 in 2009

AXYS-ID	MPCA-ID	Collection Date	Section	River Mile	Species Code	Length (in)	Weight (kg)	Age (yr)	Gender	Lipids (%)	PFOA	PFOS	PFBS	PFOSA	PFPeA	PFDA	PFUnA	PFDoA	PFHxA	PFHpA	PFNA	PFHxS	PFBA
L12917-25	090131	20090529	2	836-843	C	17.7	1.023	5	f	1.15	< 2.35	< 4.69	< 4.69	< 2.35	< 2.35	< 2.35	< 2.35	< 2.35	< 2.35	< 2.35	< 2.35	< 4.69	< 2.35
L12917-26	090132	20090529	2	836-843	C	15.4	0.883	4	m	2.2	< 2.49	5.57	< 4.98	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 4.98	< 2.49
L12917-27	090133	20090529	2	836-843	C	21.7	2.488	6	m	8.04	< 2.49	10.8	< 4.98	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 4.98	< 2.49
L12917-28	090134	20090529	2	836-843	C	18.5	1.538	5	m	1.2	< 2.38	10.7	< 4.76	< 2.38	< 2.38	< 2.38	< 2.38	< 2.38	< 2.38	< 2.38	< 2.38	< 4.76	< 2.38
L12917-29	090135	20090529	2	836-843	C	20.5	1.705	6	f	1.57	< 2.39	< 4.78	< 4.78	< 2.39	< 2.39	< 2.39	< 2.39	< 2.39	< 2.39	< 2.39	< 2.39	< 4.78	< 2.39
L12917-30	090136	20090529	2	836-843	C	21.7	2.872	6	f	3.17	< 2.43	12.9	< 4.85	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 4.85	< 2.43
L12946-30	090137	20090528	1	844-847.5	FWD	13.0	0.340	5	j	0.79	< 2.44	46.3	< 4.88	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 4.88	< 2.44
L12933-10	090138	20090529	3	833.5-834	WHB	13.8	0.615	4	m	2.34	< 2.48	105.0	< 4.95	< 2.48	< 2.48	3.18	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 4.95	< 2.48
L12933-11 (A)	090139	20090529	3	833.5-834	WHB	13.0	0.587	4	f	3.28	< 2.45	61.6	< 4.90	2.71	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 4.90	< 2.45
L12933-12	090140	20090529	3	833.5-834	WHB	14.2	0.639	5	m	1.57	< 2.44	71.2	< 4.88	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 4.88	< 2.44
L12933-13	090141	20090529	3	833.5-834	WHB	13.0	0.435	4	f	1.13	< 2.49	69.6	< 4.98	2.97	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 4.98	< 2.49
L12933-14	090142	20090529	3	833.5-834	WHB	14.2	0.617	5	f	1.53	< 2.44	73.9	< 4.88	3.40	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 4.88	< 2.44
L12933-15	090143	20090529	3	833.5-834	WHB	12.6	0.516	3	m	2.07	< 2.44	114.0	< 4.88	< 2.44	< 2.44	2.52	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 4.88	< 2.44
L12933-27	090144	20090529	3	833.5-834	WHB	13.4	0.541	4	m	2.19	< 2.40	90.2	< 4.81	5.27	< 2.40	< 2.40	< 2.40	< 2.40	< 2.40	< 2.40	< 2.40	< 4.81	< 2.40
L12933-28	090145	20090529	3	833.5-834	WHB	13.8	0.611	4	f	3.41	< 2.49	57.6	< 4.98	4.07	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 4.98	< 2.49
L12933-29	090146	20090529	3	833.5-834	WHB	14.2	0.809	5	f	2.66	< 2.37	111.0	< 4.74	4.20	< 2.37	< 2.37	< 2.37	< 2.37	< 2.37	< 2.37	< 2.37	< 4.74	< 2.37
L12933-30	090147	20090529	3	833.5-834	WHB	13.8	0.597	4	f	0.5	< 2.45	63.1	< 4.90	2.74	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 4.90	< 2.45
L12934-1	090148	20090529	3	833.5-834	WHB	11.8	0.418	3	f	1.9	< 2.43	68.9	< 4.85	3.35	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 4.85	< 2.43
L12934-2	090149	20090529	3	833.5-834	WHB	14.6	0.748	5	m	4.37	< 2.37	106.0	< 4.74	2.60	< 2.37	3.32	< 2.37	< 2.37	< 2.37	< 2.37	< 2.37	< 4.74	< 2.37
L12934-3 (A)	090150	20090529	3	833.5-834	WHB	13.0	0.552	4	f	1.85	< 2.43	60.6	< 4.85	2.54	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 4.85	< 2.43
L12934-4	090151	20090529	3	833.5-834	WHB	11.8	0.369	3	m	2.29	< 2.50	85.9	< 5.00	< 2.50	< 2.50	3.75	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 5.00	< 2.50
L12934-5	090152	20090529	3	833.5-834	WHB	12.2	0.430	3	f	1.99	< 2.37	101.0	< 4.74	3.77	< 2.37	< 2.37	< 2.37	< 2.37	< 2.37	< 2.37	< 2.37	< 4.74	< 2.37
L12945-1	090153	20090601	3	827-830	FWD	13.0	0.459	5	f	0.55	< 2.49	106.0	< 4.98	< 2.49	< 2.49	3.19	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 4.98	< 2.49
L12945-2	090154	20090601	3	827-830	FWD	11.8	0.297	4	m	0.77	< 2.50	137.0	< 5.00	< 2.50	< 2.50	2.51	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 5.00	< 2.50
L12946-14	090155	20090601	3	827-830	FWD	16.1	0.925	8	f	0.48	< 2.48	63.3	< 4.95	< 2.48	< 2.48	2.92	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 4.95	< 2.48
L12946-15	090156	20090601	3	827-830	FWD	13.4	0.495	5	f	0.65	< 2.50	38.8	< 5.00	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 5.00	< 2.50
L12946-16	090157	20090601	3	827-830	FWD	14.2	0.461	6	f	0.66	< 2.43	57.9	< 4.85	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 4.85	< 2.43
L12946-17	090158	20090601	3	827-830	FWD	14.2	0.537	6	f	0.6	< 2.50	31.8	< 5.00	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 5.00	< 2.50
L12946-18	090159	20090601	3	827-830	FWD	12.6	0.383	4	f	0.35	< 2.44	27.0	< 4.88	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 4.88	< 2.44
L12946-19	090160	20090601	3	827-830	FWD	12.2	0.353	4	m	0.69	< 2.44	45.7	< 4.88	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 4.88	< 2.44
L12946-20	090161	20090601	3	827-830	FWD	13.4	0.478	5	f	0.57	< 2.49	103.0	< 4.98	< 2.49	< 2.49	2.68	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 4.98	< 2.49
L12946-21	090162	20090601	3	827-830	FWD	13.2	0.457	5	f	0.35	< 2.45	99.0	< 4.90	< 2.45	< 2.45	2.55	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 4.90	< 2.45
L12946-22	090163	20090601	3	827-830	FWD	12.8	0.335	5	f	0.76	< 2.40	57.5	< 4.81	< 2.40	< 2.40	< 2.40	< 2.40	< 2.40	< 2.40	< 2.40	< 2.40	< 4.81	< 2.40
L12946-23 (A)	090164	20090601	3	827-830	FWD	13.4	0.448	5	f	0.47	< 2.40	104.0	< 4.81	< 2.40	< 2.40	2.49	< 2.40	< 2.40	< 2.40	< 2.40	< 2.40	< 4.81	< 2.40
L12946-24	090165	20090601	3	827-830	FWD	13.0	0.400	5	f	0.61	< 2.40	11.4	< 4.81	< 2.40	< 2.40	< 2.40	< 2.40	< 2.40	< 2.40	< 2.40	< 2.40	< 4.81	< 2.40
L12945-3	090166	20090601	3	827-830	FWD	10.6	0.273	3	m	1.39	< 2.49	92.4	< 4.98	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 4.98	< 2.49
L12945-4	090167	20090601	3	827-830	FWD	14.0	0.530	0	f	0.54	< 2.37	98.3	< 4.74	< 2.37	< 2.37	2.47	< 2.37	< 2.37	< 2.37	< 2.37	< 2.37	< 4.74	< 2.37
L12931-1	090168	20090601	3	827-830	SMB	9.4	0.191	2	j	0.59	< 2.34	44.9	< 4.67	< 2.34	< 2.34	< 2.34	< 2.34	< 2.34	< 2.34	< 2.34	< 2.34	< 4.67	< 2.34
L12931-2	090169	20090601	3	827-830	SMB	12.2	0.432	5	m	0.36	< 2.40	52.6	< 4.81	< 2.40	< 2.40	< 2.40	< 2.40	< 2.40	< 2.40	< 2.40	< 2.40	< 4.81	< 2.40
L12931-3	090170	20090601	3	827-830	SMB	14.2	0.673	7	f	0.53	< 2.13	30.8	< 4.26	< 2.13	< 2.13	< 2.13	< 2.13	< 2.13	< 2.13	< 2.13	< 2.13	< 4.26	< 2.13
L12931-4	090171	20090601	3	827-830	SMB	11.0	0.299	4	f	0.38	< 2.34	32.6	< 4.67	< 2.34	< 2.34	< 2.34	< 2.34	< 2.34	< 2.34	< 2.34	< 2.34	< 4.67	< 2.34
L12931-5	090172	20090601	3	827-830	SMB	11.0	0.358	4	f	0.27	< 2.38	27.9	< 4.76	< 2.38	< 2.38	< 2.38	< 2.38	< 2.38	< 2.38	< 2.38	< 2.38	< 4.76	< 2.38
L12931-6	090173	20090601	3	827-830	SMB	9.8	0.235	3	m	0.43	< 2.24	46.0	< 4.48	< 2.24	< 2.24	< 2.24	< 2.24	< 2.24	< 2.24	< 2.24	< 2.24	< 4.48	< 2.24
L12931-7	090174	20090601	3	827-830	SMB	10.2	0.251	3	m	0.3	< 2.18	37.6	< 4.37	< 2.18	< 2.18	< 2.18	< 2.18	< 2.18	< 2.18	< 2.18	< 2.18	< 4.37	< 2.18
L12931-8	090175	20090601	3	827-830	SMB	15.0	0.833	7	f	0.47	< 2.26	60.3	< 4.52	< 2.26	< 2.26	< 2.26	< 2.26	< 2.26	< 2.26	< 2.26	< 2.26	< 4.52	< 2.26
L12931-9	090176	20090601	3	827-830	SMB	9.8	0.269	3	f	0.54	< 2.45	70.3	< 4.90	< 2.45	< 2.45	3.04	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 4.90	< 2.45
L12931-10	090177	20090601	3	827-830	SMB	12.6	0.445	5	m	0.33	< 2.43	60.9	< 4.85	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 4.85	< 2.43
L12931-11	09																						

Appendix B. Results of PFC analysis of fish collected in Mississippi Pool 2 in 2009

AXYS-ID	MPCA-ID	Collection Date	Section	River Mile	Species Code	Length (in)	Weight (kg)	Age (yr)	Gender	Lipids (%)	PFOA	PFOS	PFBS	PFOSA	PFPeA	PFDA	PFUnA	PFDoA	PFHxA	PFHpA	PFNA	PFHxS	PFBA
L12916-3	090196	20090528	3	833.5-834	C	15.7	0.968	4	m	3.27	< 2.48	23.6	< 4.95	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 4.95	< 2.48
L12948-1	090197	20090601	4	815-820	BGS	6.1	0.095	5	m	0.45	< 2.44	313.0	< 4.88	5.33	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 4.88	< 2.44
L12948-2	090198	20090601	4	815-820	BGS	3.9	0.021	2	j	0.77	< 2.50	32.3	< 5.00	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 5.00	< 2.50
L12948-3	090199	20090601	4	815-820	BGS	4.9	0.039	3	j	0.66	< 2.44	39.2	< 4.88	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 4.88	< 2.44
L12948-4	090200	20090601	4	815-820	BGS	6.9	0.134	6	m	0.77	< 2.46	37.8	< 4.93	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 4.93	< 2.46
L12948-5	090201	20090601	4	815-820	BGS	6.9	0.148	6	m	0.38	< 2.45	36.1	< 4.90	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 4.90	< 2.45
L12948-6	090202	20090601	4	815-820	BGS	5.9	0.077	4	f	0.4	< 2.48	451.0	< 4.95	< 2.48	< 2.48	4.72	3.94	< 2.48	< 2.48	< 2.48	< 2.48	< 4.95	< 2.48
L12948-7	090203	20090601	4	815-820	BGS	6.7	0.114	6	m	0.38	< 2.49	399.0	< 4.98	2.96	< 2.49	6.16	7.35	4.65	< 2.49	< 2.49	< 2.49	< 4.98	< 2.49
L12947-24	090204	20090601	4	815-820	BGS	5.5	0.060	4	m	0.76	< 2.24	53.1	< 4.48	< 2.24	< 2.24	2.36	< 2.24	< 2.24	< 2.24	< 2.24	< 2.24	< 4.48	< 2.24
L12947-25	090205	20090601	4	815-820	BGS	4.3	0.031	2	f		< 2.20	84.8	< 4.41	2.57	< 2.20	3.38	< 2.20	< 2.20	< 2.20	< 2.20	< 2.20	< 4.41	< 2.20
L12947-26	090206	20090601	4	815-820	BGS	5.9	0.079	4	f	0.98	< 2.19	48.1	< 4.39	< 2.19	< 2.19	< 2.19	< 2.19	< 2.19	< 2.19	< 2.19	< 2.19	< 4.39	< 2.19
L12947-27	090207	20090601	4	815-820	BGS	6.7	0.131	6	f	0.73	< 2.50	39.5	< 5.00	< 2.50	< 2.50	2.70	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 5.00	< 2.50
L12947-28	090208	20090601	4	815-820	BGS	3.9	0.020	2	f		< 2.46	910.0	< 4.93	13.30	< 2.46	5.50	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 4.93	< 2.46
L12947-29	090209	20090601	4	815-820	BGS	5.1	0.047	3	j	0.61	< 2.46	65.4	< 4.93	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 4.93	< 2.46
L12947-30	090210	20090601	4	815-820	BGS	5.3	0.063	3	j	0.77	< 2.40	1350.0	< 4.81	13.30	< 2.40	13.50	8.12	2.86	< 2.40	< 2.40	< 2.40	< 4.81	< 2.40
L12947-31 (A)	090211	20090601	4	815-820	BGS	6.7	0.089	5	m	0.81	< 2.50	42.3	< 5.00	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 5.00	< 2.50
L12934-24	090212	20090601	4	815-820	WHB	13.8	0.514	4	f	1.17	< 2.46	56.8	< 4.93	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 4.93	< 2.46
L12934-25	090213	20090601	4	815-820	WHB	13.4	0.539	4	f	2.73	< 2.49	87.4	< 4.98	2.58	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 4.98	< 2.49
L12934-26	090214	20090601	4	815-820	WHB	12.6	0.389	2	m	2.23	< 2.45	65.3	< 4.90	2.62	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 4.90	< 2.45
L12933-1	090215	20090601	4	815-820	WHB	12.2	0.394	3	f	3.26	< 2.39	230.0	< 4.78	7.20	< 2.39	2.59	< 2.39	< 2.39	< 2.39	< 2.39	< 2.39	< 4.78	< 2.39
L12933-2	090216	20090601	4	815-820	WHB	14.6	0.684	5	f	3.33	< 2.44	80.7	< 4.88	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 4.88	< 2.44
L12933-3	090217	20090601	4	815-820	WHB	13.8	0.614	4	f	4.2	< 2.50	174.0	< 5.00	< 2.50	< 2.50	4.39	2.60	< 2.50	< 2.50	< 2.50	< 2.50	< 5.00	< 2.50
L12933-4	090218	20090601	4	815-820	WHB	11.8	0.363	3	m	3.42	< 2.40	44.0	< 4.81	< 2.40	< 2.40	< 2.40	< 2.40	< 2.40	< 2.40	< 2.40	< 2.40	< 4.81	< 2.40
L12933-5	090219	20090601	4	815-820	WHB	12.6	0.364	3	f	1.48	< 2.40	82.0	< 4.81	3.79	< 2.40	< 2.40	< 2.40	< 2.40	< 2.40	< 2.40	< 2.40	< 4.81	< 2.40
L12933-6	090220	20090601	4	815-820	WHB	12.2	0.423	3	f	1.92	< 2.50	81.3	< 5.00	2.75	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 5.00	< 2.50
L12933-7	090221	20090601	4	815-820	WHB	14.2	0.620	5	m	1.13	< 2.42	163.0	< 4.83	< 2.42	< 2.42	2.79	< 2.42	< 2.42	< 2.42	< 2.42	< 2.42	< 4.83	< 2.42
L12933-8	090222	20090601	4	815-820	WHB	14.6	0.704	5	f	2.67	< 2.38	128.0	< 4.76	5.46	< 2.38	< 2.38	< 2.38	< 2.38	< 2.38	< 2.38	< 2.38	< 4.76	< 2.38
L12933-9	090223	20090601	4	815-820	WHB	11.0	0.233	2	f	2.57	< 2.46	764.0	< 4.93	32.20	< 2.46	6.55	4.16	< 2.46	< 2.46	< 2.46	< 2.46	< 4.93	< 2.46
L12934-6	090224	20090601	4	815-820	WHB	13.4	0.535	4	m	1.05	< 2.48	171.0	< 4.95	2.97	< 2.48	3.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 4.95	< 2.48
L12934-7	090225	20090601	4	815-820	WHB	13.4	0.645	4	f	2.98	< 2.50	88.1	< 5.00	3.18	< 2.50	3.94	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 5.00	< 2.50
L12934-8	090226	20090601	4	815-820	WHB	14.2	0.621	6	f	3.06	< 2.44	162.0	< 4.88	6.82	< 2.44	3.42	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 4.88	< 2.44
L12946-3	090227	20090601	4	815-820	FWD	11.0	0.391	3	m	0.72	9.39	2850	< 4.98	23.20	< 2.49	23.40	8.27	7.31	< 2.49	< 2.49	< 2.49	< 4.98	3.88
L12946-4	090228	20090601	4	815-820	FWD	13.6	0.519	5	m	1.55	< 2.48	49.8	< 4.95	< 2.48	< 2.48	3.82	4.00	3.02	< 2.48	< 2.48	< 2.48	< 4.95	< 2.48
L12946-5	090229	20090601	4	815-820	FWD	14.2	0.608	6	f	1.8	12.60	997.0	< 4.88	17.30	< 2.44	8.18	3.54	3.82	< 2.44	< 2.44	< 2.44	< 4.88	< 2.44
L12946-6	090230	20090601	4	815-820	FWD	10.6	0.375	3	f	0.91	9.19	441.0	< 4.95	4.28	< 2.48	3.53	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 4.95	< 2.48
L12946-7	090231	20090601	4	815-820	FWD	13.2	0.510	5	m	0.88	6.88	1090	< 4.98	40.30	< 2.49	14.60	8.98	6.72	< 2.49	< 2.49	< 2.49	7.32	3.82
L12946-8	090232	20090601	4	815-820	FWD	15.4	0.791	8	f	1.71	< 2.42	30.2	< 4.83	< 2.42	< 2.42	< 2.42	< 2.42	< 2.42	< 2.42	< 2.42	< 2.42	< 4.83	< 2.42
L12946-9	090233	20090601	4	815-820	FWD	13.0	0.430	5	f	0.63	16.80	592.0	< 4.93	< 2.46	< 2.46	3.51	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	5.50	< 2.46
L12946-10	090234	20090601	4	815-820	FWD	12.2	0.365	4	m	1.76	5.01	210.0	< 4.98	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 4.98	< 2.49
L12946-11	090235	20090601	4	815-820	FWD	12.0	0.344	4	f	1.4	< 2.38	91.6	< 4.76	< 2.38	< 2.38	< 2.38	< 2.38	< 2.38	< 2.38	< 2.38	< 2.38	< 4.76	< 2.38
L12946-12 (A)	090236	20090601	4	815-820	FWD	15.4	0.788	8	f	3.14	17.50	3580	< 4.95	48.30	< 2.48	32.10	11.80	9.30	< 2.48	< 2.48	< 2.48	7.27	< 2.48
L12946-13	090237	20090601	4	815-820	FWD	14.6	0.669	6	f	1.24	27.60	632.0	< 4.83	6.35	< 2.42	4.83	< 2.42	< 2.42	< 2.42	< 2.42	< 2.42	6.04	3.78
L12945-11	090238	20090601	4	815-820	FWD	14.6	0.714	6	f	0.41	< 2.46	29.8	< 4.93	< 2.46	< 2.46	3.47	2.95	< 2.46	< 2.46	< 2.46	< 2.46	< 4.93	< 2.46
L12945-12 (A)	090239	20090601	4	815-820	FWD	14.2	0.868	6	f	0.76	7.87	401.0	< 4.90	6.61	< 2.45	5.31	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 4.90	< 2.45
L12945-13	090240	20090601	4	815-820	FWD	14.2	0.684	6	j	1.62	< 2.33	67.6	< 4.65	2.45	< 2.33	< 2.33	2.53	2.66	< 2.33	< 2.33	< 2.33	< 4.65	< 2.33
L12945-14	090241	20090601	4	815-820	FWD	13.4	0.750	5	f	1.79	< 2.48	24.2	< 4.95	< 2.48	< 2.48	3.02	3.01	< 2.48	< 2.48	< 2.48	< 2.48	< 4.95	< 2.48
L12932-20	090242	20090601	4	815-820	SMB	13.0	0.547	5	f	0.44	< 2.49	436.0	< 4.98	38.50	< 2.49	4.73	4.92	3.01	< 2.49	< 2.49	< 2.49	< 4.98	2.79
L12932-21	090243	20090601	4	815-820	SMB	11.0	0.372	3	f	0.49	< 2.49	76.5	< 4.98	2.85	< 2.49	2.57	3.06	< 2.49	< 2.49	< 2.49	< 2.49	< 4.98	< 2.49

Appendix B. Results of PFC analysis of fish collected in Mississippi Pool 2 in 2009

AXYS-ID	MPCA-ID	Collection Date	Section	River Mile	Species Code	Length (in)	Weight (kg)	Age (yr)	Gender	Lipids (%)	PFOA	PFOS	PFBS	PFOSA	PFPeA	PFDA	PFUnA	PFDoA	PFHxA	PFHpA	PFNA	PFHxS	PFBA
L12947-2	090261	20090528	3	833.5-834	BGS	5.1	0.043	3	m	0.47	< 2.49	80.7	< 4.98	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 4.98	< 2.49
L12947-3	090262	20090528	3	833.5-834	BGS	5.3	0.068	3	f	0.86	< 2.51	143.0	< 5.03	< 2.51	< 2.51	3.03	2.65	< 2.51	< 2.51	< 2.51	< 2.51	< 5.03	< 2.51
L12947-4	090263	20090528	3	833.5-834	BGS	5.1	0.042	3	m	0.72	< 2.37	74.6	< 4.74	< 2.37	< 2.37	< 2.37	< 2.37	< 2.37	< 2.37	< 2.37	< 2.37	< 4.74	< 2.37
L12947-5 (A)	090264	20090528	3	833.5-834	BGS	6.5	0.126	5	m	1.16	< 2.50	204.0	< 5.00	2.63	< 2.50	5.13	3.80	< 2.50	< 2.50	< 2.50	< 2.50	< 5.00	< 2.50
L12947-6	090265	20090528	3	833.5-834	BGS	6.3	0.095	5	m	0.36	< 2.46	84.4	< 4.93	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 4.93	< 2.46
L12947-7	090266	20090528	3	833.5-834	BGS	5.9	0.079	4	f	0.98	< 2.48	37.6	< 4.95	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 4.95	< 2.48
L12947-8	090267	20090528	3	833.5-834	BGS	4.9	0.048	2	m	0.85	< 2.48	63.6	< 4.95	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 4.95	< 2.48
L12947-9	090268	20090528	3	833.5-834	BGS	5.5	0.052	4	j	0.52	< 2.44	201.0	< 4.88	6.06	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 4.88	< 2.44
L12947-10	090269	20090528	3	833.5-834	BGS	5.5	0.063	4	m	0.26	< 2.37	94.6	< 4.74	< 2.37	< 2.37	< 2.37	< 2.37	< 2.37	< 2.37	< 2.37	< 2.37	< 4.74	< 2.37
L12947-11	090270	20090528	3	833.5-834	BGS	6.7	0.118	6	m	0.72	< 2.39	82.3	< 4.78	< 2.39	< 2.39	< 2.39	< 2.39	< 2.39	< 2.39	< 2.39	< 2.39	< 4.78	< 2.39
L12947-12	090271	20090528	3	833.5-834	BGS	5.1	0.047	3	f	1.01	< 2.43	105.0	< 4.85	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 4.85	< 2.43
L12916-4	090272	20090528	3	833.5-834	C	22.0	2.296	6	m	4.99	< 2.48	65.5	< 4.95	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 4.95	< 2.48
L12916-5	090273	20090528	3	833.5-834	C	18.9	1.603	5	m	3.77	< 2.49	53.3	< 4.98	< 2.49	< 2.49	3.21	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 4.98	< 2.49
L12917-2	090274	20090601	4	815-820	C	18.1	1.633	5	f	4.29	< 2.37	8.68	< 4.74	< 2.37	< 2.37	< 2.37	< 2.37	< 2.37	< 2.37	< 2.37	< 2.37	< 4.74	< 2.37
L12917-3 (A)	090275	20090601	4	815-820	C	20.9	2.124	6	m	3.97	< 2.49	130.0	< 4.98	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 4.98	< 2.49
L12917-4	090276	20090601	4	815-820	C	16.9	0.952	5	m	3.24	12.10	1340	< 4.46	4.66	< 2.23	8.44	3.64	2.27	< 2.23	< 2.23	< 2.23	4.66	6.01
L12917-5	090277	20090601	4	815-820	C	20.1	1.594	6	m	3.21	< 2.35	52.6	< 4.69	< 2.35	< 2.35	< 2.35	< 2.35	< 2.35	< 2.35	< 2.35	< 2.35	< 4.69	< 2.35
L12917-6	090278	20090601	4	815-820	C	18.5	1.411	5	f	0.79	4.20	283.0	< 4.81	< 2.40	< 2.40	< 2.40	< 2.40	< 2.40	< 2.40	< 2.40	< 2.40	< 4.81	< 2.40
L12917-7	090279	20090601	4	815-820	C	19.3	1.597	5	f	2.66	< 2.24	874.0	< 4.48	33.50	< 2.24	3.43	4.20	8.49	< 2.24	< 2.24	< 2.24	4.58	10.40
L12917-8	090280	20090601	4	815-820	C	13.4	0.700	2	m	2.67	< 2.34	27.1	< 4.67	< 2.34	< 2.34	< 2.34	< 2.34	< 2.34	< 2.34	< 2.34	< 2.34	< 4.67	< 2.34
L12917-9	090281	20090601	4	815-820	C	15.0	0.896	2	m	2.09	< 2.44	56.4	< 4.88	< 2.44	< 2.44	2.47	< 2.44	< 2.44	< 2.44	< 2.44	< 2.44	< 4.88	< 2.44
L12917-10	090282	20090601	4	815-820	C	17.3	1.015	5	f	0.77	< 2.42	19.6	< 4.83	< 2.42	< 2.42	< 2.42	< 2.42	< 2.42	< 2.42	< 2.42	< 2.42	< 4.83	< 2.42
L12917-11	090283	20090601	4	815-820	C	18.9	1.450	5	f	3.26	< 2.26	58.6	< 4.52	< 2.26	< 2.26	< 2.26	< 2.26	< 2.26	< 2.26	< 2.26	< 2.26	< 4.52	< 2.26
L12917-12	090284	20090601	4	815-820	C	15.0	0.815	4	m	2.54	< 2.43	117.0	< 4.85	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 2.43	< 4.85	< 2.43
L12916-28	090285	20090601	4	815-820	C	18.5	1.432	6	f	6.92	< 2.33	86.9	< 4.65	< 2.33	< 2.33	< 2.33	< 2.33	< 2.33	< 2.33	< 2.33	< 2.33	< 4.65	< 2.33
L12916-29	090286	20090601	4	815-820	C	14.2	0.754	3	j	1.28	< 2.12	37.9	< 4.24	< 2.12	< 2.12	< 2.12	< 2.12	< 2.12	< 2.12	< 2.12	< 2.12	< 4.24	< 2.12
L12916-30	090287	20090601	4	815-820	C	21.3	1.918	6	m	0.95	< 2.21	106.0	< 4.42	< 2.21	< 2.21	2.52	< 2.21	< 2.21	< 2.21	< 2.21	< 2.21	< 4.42	< 2.21
L12917-1	090288	20090601	4	815-820	C	20.5	2.010	6	f	11	< 2.45	158.0	< 4.90	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 2.45	< 4.90	< 2.45
L13148-1	090289	20090528	1	844-847.5	BGS	3.1	0.007	1	j	N	< 2.50	16.8	< 5.00	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 5.00	< 2.50
L13148-2	090290	20090528	1	844-847.5	BGS	3.9	0.020	1	j	N	< 2.49	10.5	< 4.98	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 4.98	< 2.49
L13148-3	090291	20090528	1	844-847.5	BGS	3.9	0.018	1	j	N	< 2.50	9.14	< 5.00	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 5.00	< 2.50
L13148-4	090292	20090528	1	844-847.5	BGS	3.9	0.021	1	j	N	< 2.49	9.21	< 4.98	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 4.98	< 2.49
L13148-5	090293	20090528	1	844-847.5	BGS	3.7	0.013	1	j	N	< 2.46	8.31	< 4.93	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 2.46	< 4.93	< 2.46
L13148-6	090294	20090528	1	844-847.5	BGS	3.7	0.016	1	j	N	< 2.50	11.5	< 5.00	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 5.00	< 2.50
L13148-7	090295	20090528	1	844-847.5	BGS	3.1	0.007	1	j	N	< 2.58	11.3	< 5.15	< 2.58	< 2.58	< 2.58	< 2.58	< 2.58	< 2.58	< 2.58	< 2.58	< 5.15	< 2.58
L13148-8	090296	20090528	1	844-847.5	BGS	3.7	0.013	1	j	N	< 2.48	13.9	< 4.95	< 2.48	< 2.48	2.55	< 2.48	< 2.48	< 2.48	< 2.48	< 2.48	< 4.95	< 2.48
L13148-9	090297	20090528	1	844-847.5	BGS	3.1	0.009	1	j	N	< 2.49	18.1	< 4.98	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 2.49	< 4.98	< 2.49