ADEM Fish Tissue Monitoring Program 2016 Annual Report

Coosa, Mobile, and Tombigbee River Basins and Coastal Central

July 11, 2017

Alabama Department of Environmental Management

Field Operations Division

Montgomery Branch

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INTRODUCTION

The Alabama Department of Environmental Management (ADEM) and its predecessor, the Alabama Water Improvement Commission (AWIC), have collected fish for analysis of contaminant levels since 1970. For the 20 years that followed, fish collections focused on areas of known or suspected contamination. In 1991, the ADEM expanded its Fish Tissue Monitoring Program (FTMP) to provide statewide screening of bioaccumulative contaminants in fish tissue, and to provide the Alabama Department of Public Health (ADPH) with data needed for determination of potential risk to those who consume fish from Alabama waters and to issue/modify fish consumption advisories within the state. The expanded program historically exists as a cooperative effort between the ADEM, the ADPH, the Alabama Department of Conservation and Natural Resources (ADCNR), and the Tennessee Valley Authority (TVA).

Following expansion of the program to statewide screening, fish from all of Alabama's major reservoirs, rivers, streams, and state-managed public fishing lakes were collected over a five-year period. Data from these locations were provided to the ADPH for issuance, modification, or removal of fish consumption advisories to the public. The results of the program over the five-year period indicated that the majority of Alabama waterbodies supported healthy fish populations, with low to undetectable contaminant levels where any contaminants existed. However, the ADPH determined that fish from certain waterbodies were found to contain contaminant levels in excess of Environmental Protection Agency (EPA) and Food and Drug Administration (FDA) guidance levels.

In 1997, the FTMP was incorporated into the ADEM Watershed Management Approach. Pursuant to this approach, water quality of each major drainage basin in the state was assessed by

ADEM on a five-year rotating basis. The initial rotation was completed in 2001 with the five major basins and years sampled as follows:

a) Black Warrior and Cahaba Rivers (1997)
b) Tennessee River (1998)
c) Chattahoochee and Conecuh Rivers (1999)
d) Coosa, Tallapoosa and Alabama Rivers (2000)
e) Escatawpa, Mobile and Tombigbee Rivers (2001)

In addition to the basin locations sampled each year, the ADEM continued to sample areas of concern outside the focus basin as needed or requested by cooperating agencies and as resources allowed. To date, samples comprised of several thousand fish have been collected from 376 sites for the FTMP.

Because of the variability in contaminant concentrations observed in fish collected from locations over several years, and the need for additional monitoring at a number of locations, the approach to annual monitoring was refined in 2002. Annual fish tissue monitoring by ADEM became multi-faceted and directed toward accomplishing three goals:

a) sampling locations throughout the focus basin
b) repetitive sampling of sites where the ADPH has determined that EPA/FDA limits have been exceeded and
c) sampling remaining areas in Alabama where fish have not been collected for the FTMP.

Repetitive sampling of sites where EPA/FDA action levels have been exceeded proceeds as follows:

a) Sites that exceeded EPA/FDA limits for the first time the previous year will be sampled for a minimum of two concurrent years to provide verification of contaminant concentrations as requested by the ADPH.
b) Sites where ADPH consumption advisories currently exist will be sampled at a minimum of every three years to provide data for analysis of trends in contaminant concentrations.

In June 2006 the ADPH adopted the EPA guidance level of 0.33 ug/g mercury in fish for issuance of public consumption advisories, replacing the FDA guidance level of 1.0 ug/g previously used.

The program was further modified in 2015 to meet the data needs of the ADEM water quality assessment and listing process. In order to meet these needs, fish tissue samples will be collected within each major river basin in the state on a three-year rotating basis, providing two repetitions of sampling within the six-year period required for monitoring data in the assessment and listing methodology. The initial regional rotation will be as follows:

a) Alabama, Cahaba, Tallapoosa, and Tennessee Rivers
b) Coosa, Mobile, and Tombigbee Rivers
c) Black Warrior, Perdido-Escambia, Choctawhatchee, Pea, and Chattahoochee Rivers

In addition to the major river basin schedule, coastal sample locations (locations south of the I-65 Mobile River bridge) will be divided into three geographic regions, eastern, central, and western, and sampled on a three-year rotation as well.

Within the river basins and coastal zones, site selection will be directed toward accomplishing three primary goals:

a) Repetitive sampling of sites where the ADPH has determined that EPA/FDA limits have been exceeded
b) Repetitive sampling of sites within each major Alabama reservoir in support of Alabama's Assessment and Listing Methodology
c) Sampling remaining areas in Alabama where fish have not been collected for the FTMP or other areas of concern as they arise

The extent to which the above goals are accomplished each year is dependent upon available resources.

METHODS

Fish sampling and tissue preparation procedures for the FTMP are as described in the ADEM documents: *Fish Tissue Monitoring Program Sample Collection Procedures (SOP #2300*) and *Fish Tissue Monitoring Sample Processing and Data Reporting Procedures (SOP# 2301).*

Sampling is typically conducted in the fall of the year, generally October-December for the FTMP. These months are preferred in fish tissue monitoring programs because:

a) Organic pollutants, primarily stored in fatty (lipid) tissue, would be at the greatest concentration as fat content of fish is highest at this time of year.

b) Target species are more easily collected while water levels are low and as water temperatures cool.

c) Fall collections do not interfere with spawning seasons of target species.

Collection methods may include electrofishing and/or gillnets as needed. Typically six individuals of the same species are collected at each location from each of two primary feeding groups, predators and bottom-feeders. At stations where FDA and/or EPA guidance levels have been exceeded, multiple commercial and/or sport fish species may be collected if available and as resources allow. Collected fish are within a size range identified in the SOP, with the additional requirement that catfish weigh a minimum of one pound as requested by the ADPH.

After collection, fish are weighed and measured with any abnormalities noted. The skin of each fish is removed and discarded, followed by the removal of left and right side fillets that are packaged separately for laboratory analysis (Table 1) and storage as needed. Otoliths and or spines are removed from the carcass and preserved for age determinations.

Table 1. Analytical parameters for the ADEM Fish Tissue Monitoring Program.

Parameter	Method	RL	MDL	FDA Guidance Level	EPA Guidance Level
Arsenic, Total	EPA200.9	0.5 ug/g	0.177 ug/g		
Cadmium	EPA200.9	0.02 ug/g	0.005 ug/g		
Mercury, Total	EPA245.6	0.1 ug/g	0.015 ug/g	1.0 ug/g	0.33 ug/g
Selenium, Total	EPA200.9	0.5 ug/g	0.144 ug/g		
Chlordane, Total	SW8081A	0.01 ug/g		0.3 ug/g	
4,4-DDD	SW8081A	0.01 ug/g			
4,4-DDE	SW8081A	0.01 ug/g			
4,4-DDT	SW8081A	0.01 ug/g		Total DDT	
2,4-DDD	SW8081A	0.01 ug/g		5.0 ug/g	
2,4-DDE	SW8081A	0.01 ug/g			
2,4-DDT	SW8081A	0.01 ug/g			
Chlorpyrifos	SW8081A	0.01 ug/g			
Dieldrin	SW8081A	0.01 ug/g		0.3 ug/g	
Endosulfan I	SW8081A	0.01 ug/g			
Endosulfan II	SW8081A	0.01 ug/g			
Endrin	SW8081A	0.01 ug/g			
gamma-BHC (Lindane)	SW8081A	0.01 ug/g			
Heptachlor	SW8081A	0.01 ug/g		0.3 ug/g	
Heptachlor Epoxide	SW8081A	0.01 ug/g		0.3 ug/g	
Hexachlorobenzene	SW8081A	0.05 ug/g			
Mirex	SW8081A	0.01 ug/g		0.1 ug/g	
Arochlor 1016	SW8082	0.125 ug/g			
Arochlor 1221	SW8082	0.125 ug/g			
Arochlor 1232	SW8082	0.125 ug/g			
Arochlor 1242	SW8082	0.125 ug/g			
Arochlor 1248	SW8082	0.125 ug/g			
Arochlor 1254	SW8082	0.125 ug/g			
Arochlor 1260	SW8082	0.125 ug/g			
Total PCBs	SW8082	0.35 ug/g		2.0 ug/g	
Toxaphene	SW8081A	0.05 ug/g		5.0 ug/g	
Percent lipids	SW3640A	0.10%			

Following completion of analyses, all data are compiled and distributed to cooperating agencies. Analytical results are published and provided to the public through the ADEM website.

RESULTS

From September through December 2016, 641 fish (16 different species) from 48 locations (Figure 1 and Table 2) were collected, processed, and analyzed for the FTMP. Thirty-five different waterbodies were sampled. Twenty-one locations with current consumption advisories for mercury, seven locations with consumption advisories for PCB's, and three locations with consumption advisories for both mercury and PCB's were sampled. Analytical results for the 2016 FTMP are presented in Table 3. Information on current fish consumption advisories that were developed from FTMP data is available on the ADPH website at http://www.adph.org/tox/index.asp?id=1360. Nutritional information and safe practices for selecting and preparing fish are also available at this site.

ADEM's monitoring program also includes an evaluation of the physical condition of important sport and/or commercial fish species. Results of the evaluation indicate the majority of the fish evaluated were in good to excellent condition. Fish were also checked for external anomalies, such as lesions, tumors, parasites and deformities. Some 90 percent of the fish observed had no anomalies, a value similar to those of previous years. The most commonly observed anomalies were lesions on the body surface and internal and external parasites. The occurrence of lesions on fish during spring and fall may be the result of bacterial infections associated with changing water temperatures, spawning stress or a combination of natural occurrences. These infections are not dangerous to the consumer and the fish are edible if properly prepared.

For more information regarding ADEM's Fish Tissue Monitoring Program please contact Michael Len at 334-260-2787.

Figure 1. CY 2016 FTMP sample locations.

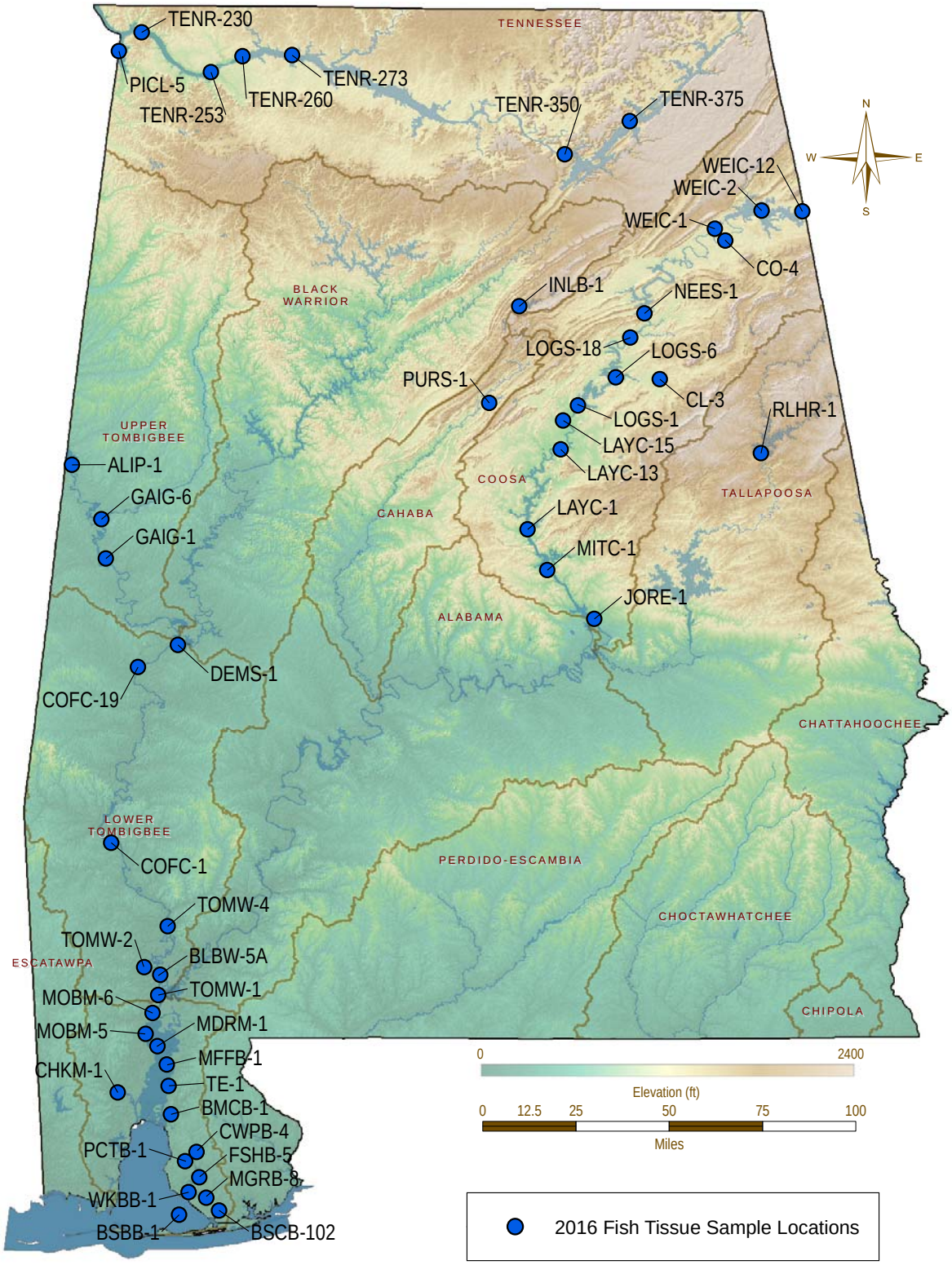

Table 2. CY 2016 FTMP sample location information; basin, locale, station ID, species collected, and location description.

Basin	Locale	Station ID	County	Species Collected	Location Description
Black Warrior	Inland Res	INLB-1	Blount	Channel catfish Largemouth bass	Lower reservoir. Deepest point, main river channel, dam forebay.
Cahaba	Purdy Res	PURS-1	Shelby	Channel catfish Largemouth bass	Lower reservoir. Deepest point, main river channel, dam forebay .
Coosa	Choccolocco Ck	CL-3	Talladega	Channel catfish Largemouth bass Spotted bass	Choccolocco Ck at Talladega Co. Rd. 399 crossing.
Coosa	Choccolocco Ck (Logan Martin)	LOGS-6	Talladega	Black crappie Channel catfish Largemouth bass Striped bass	Deepest point, main creek channel, Choccolocco Creek embayment, approximately 1.0 miles upstream of lake confluence.
Coosa	Coosa R	CO-4	Cherokee	Channel catfish Largemouth bass Blue catfish Spotted bass	Coosa River, 0.31 miles downstream from Cherokee CR 5.
Coosa	Jordan Res	JORE-1	Elmore	Largemouth bass Blue catfish	Deepest point, main river channel, dam forebay.

Table 2. CY 2016 FTMP sample location information; basin, locale, station ID, species collected, and location description.

Basin	Locale	Station ID	County	Species Collected	Location Description
Coosa	Lay Res	LAYC-1	Chilton	Channel catfish Spotted bass Striped bass Blue catfish	Lower reservoir. Deepest point, main river channel, dam forebay.
Coosa	Lay Res	LAYC-13	Shelby	Channel catfish Blue catfish Spotted bass	Approximately 1.5 mi downstream of US Hwy 280 bridge. Vicinity of Coosa R mile 444.0.Lat/Lon calculated at rm 444.0.
Coosa	Lay Res	LAYC-15	St Clair	Blue catfish Spotted bass Striped bass	Two Miles downstream of Logan Martin Dam and one half mile downstream of Kelly Creek/Coosa River confluence. Vicinity of Ratcliff/Elliot Island.
Coosa	Logan Martin Res	LOGS-1	St Clair	Black crappie Channel catfish Spotted bass Striped bass Blue catfish	Lower reservoir. Deepest point, main river channel, dam forebay.
Coosa	Logan Martin Res	LOGS-18	St Clair	Blue catfish Black crappie Spotted bass Striped bass	Logan Martin Res at Ragland near the confluence of Aker Ck, Alabama Power Reservoir mile 40.0.
Coosa	Mitchell Res	MITC-1	Coosa	Largemouth bass Blue catfish	Lower reservoir. Deepest point, main river channel, dam forebay.

Table 2. CY 2016 FTMP sample location information; basin, locale, station ID, species collected, and location description.

Basin	Locale	Station ID	County	Species Collected	Location Description
Coosa	Neely Henry Res	NEES-1	Calhoun	Channel catfish Spotted bass	Lower reservoir. Deepest point, main river channel, dam forebay.
Coosa	Weiss Res	WEIC-1	Cherokee	Black crappie Blue catfish Largemouth bass Striped bass Channel catfish	Lower reservoir. Deepest point, main river channel, power dam forebay.
Coosa	Weiss Res	WEIC-12	Cherokee	Black crappie Blue catfish Largemouth bass Hybrid bass	Deepest point, main river channel, Alabama/Georgia state line.
Coosa	Weiss Res	WEIC-2	Cherokee	Black crappie Blue catfish Largemouth bass Striped bass	Mid reservoir. Deepest point, main river channel, immediately upstream of causeway at Cedar Bluff.
Mobile	Bay Minette Ck	BMCB-1	Baldwin	Channel catfish Largemouth bass	Bay Minette Ck, Baldwin Co. in the vicinity of Hwy 225 bridge. Lat/ Lon calculated at bridge crossing.
Mobile	Bon Secour Bay	BSBB-1	Baldwin	Hardhead catfish Sand seatrout Southern kingfish	In main channel near confluence of Bon Secour Bay and Oyster Bay.

Table 2. CY 2016 FTMP sample location information; basin, locale, station ID, species collected, and location description.

Basin	Locale	Station ID	County	Species Collected	Location Description
Mobile	Bon Secour R	BSCB-102	Baldwin	Largemouth bass Striped mullet	Bon Secour River in the vicinity of Baldwin Co Rd 10 bridge.
Mobile	Chickasaw Ck	CHKM-1	Mobile	Channel catfish Largemouth bass	Chickasaw Creek, Mobile Co. between I65 bridge and Hwy 213 bridge. Lat/Lon calculated at Chickasawbogue Park.
Mobile	Cowpen Ck	CWPB-4	Baldwin	Largemouth bass Spotted sucker	Cowpen Ck upstream of confluence with the Fish River.
Mobile	Fish R	FSHB-5	Baldwin	Striped mullet Largemouth bass	Approximately 2 miles upstream of US Hwy 98 bridge in vicinity of Waterhole Br/Fish R confluence just above the two islands.
Mobile	Magnolia R	MGRB-8	Baldwin	Largemouth bass Striped mullet	Magnolia River approximately 2.5 miles upstream of Weeks Bay. Area just upstream of Weeks Creek/Magnolia River confluence.
Mobile	Middle R	MDRM-1	Baldwin	Largemouth bass Channel catfish	Middle R, 4.5 miles above its confluence with the Tensaw R. T1S R1E S15 NE1/4.
Mobile	Mifflin SL	MFFB-1	Baldwin	Largemouth bass Blue catfish Channel catfish	Mifflin Lake, between the Middle and Tensaw Rivers; T1S, R2E, S19, NW quarter.

Table 2. CY 2016 FTMP sample location information; basin, locale, station ID, species collected, and location description.

Basin	Locale	Station ID	County	Species Collected	Location Description
Mobile	Mobile R	MOBM-5	Mobile	Largemouth bass Channel catfish Bluegill Black crappie	Mobile River at Cold Creek, river mile 27.0.
Mobile	Mobile R	MOBM-6	Mobile	Largemouth bass Blue catfish Bluegill Black crappie	Mobile River at David Lake, river mile 41.3.
Mobile	Polecat Ck	PCTB-1	Baldwin	Largemouth bass Spotted sucker	Polecat Ck upstream of the confluence with Fish R.
Mobile	Tensaw R	TE-1	Baldwin	Channel catfish Largemouth bass	Tensaw River at the L&N Railroad crossing, Baldwin County.
Mobile	Weeks Bay	WKBB-1	Baldwin	Atlantic croaker Southern kingfish Sand seatrout Gafftopsail Catfish Silver perch	Central Weeks Bay about 1.4 miles north of the mouth.
Tallapoosa	Harris Res	RLHR-1	Randolph	Channel catfish Spotted bass	Lower reservoir. Deepest point, main river channel, dam forebay.

Table 2. CY 2016 FTMP sample location information; basin, locale, station ID, species collected, and location description.

Basin	Locale	Station ID	County	Species Collected	Location Description
Tennessee	Bear Ck (Pickwick)	PICL-5	Colbert	Channel catfish Largemouth bass	Main creek channel at Bear Creek embayment. Pickwick Reservoir, Bear Creek embayment, at Bear Creek mile 8.0 approximately 5 miles downstream of Buzzard Roost/Bear Creek confluence.
Tennessee	Guntersville Res	TENR-350	Marshall	Channel catfish Largemouth bass	Dam forebay area. Tennessee River mile 350, downstream of Honeycomb Creek.
Tennessee	Guntersville Res	TENR-375	Jackson	Channel catfish Largemouth bass	Guntersville Reservoir, TRM-375 between the confluences of South Sauty Creek and the Tennessee River and North Sauty Creek and the Tennessee River.
Tennessee	Pickwick Res	TENR-230	Colbert	Channel catfish Largemouth bass	Vicinity of Tennesse River mile 230, 2.5 miles upstream of Tennessee River/Second Creek confluence.
Tennessee	Pickwick Res	TENR-253	Lauderdale	Channel catfish Largemouth bass	Pickwick Reservoir between Tennessee River miles 251.0-255.0, near Sheffield, AL.
Tennessee	Wilson Res	TENR-260	Lauderdale	Channel catfish Largemouth bass	Dam forebay at Tennesse River mile 259.5.
Tennessee	Wilson Res	TENR-273	Lauderdale	Channel catfish Largemouth bass	Tennessee River miles 272.0-274.0, 1.0 mile downstream of Blue Water Creek.
Tombigbee	Aliceville Res	ALIP-1	Pickens	Blue catfish Largemouth bass	Lower reservoir. Deepest point, main river channel, dam forebay.

Table 2. CY 2016 FTMP sample location information; basin, locale, station ID, species collected, and location description.

Basin	Locale	Station ID	County	Species Collected	Location Description
Tombigbee	Bilbo Ck	BLBW-5A	Washington	Channel catfish Largemouth bass	Bilbo Creek upstream of the confluence with the Tombigbee R.
Tombigbee	Coffeeville Res	COFC-1	Choctaw	Blue catfish Largemouth bass	Lower reservoir. Deepest point, main river channel, dam forebay.
Tombigbee	Coffeeville Res	COFC-19	Sumter	Blue catfish Spotted bass	Approximately 1.5 miles downstream of US Hwy 80/AL Hwy 28 bridge. Tombigbee R miles 202.0-200.0. Lat/Lon was calculated at RM 202.0.
Tombigbee	Demopolis Res	DEMS-1	Sumter	Blue catfish Largemouth bass	Lower reservoir. Deepest point, main river channel, dam forebay.
Tombigbee	Gainesville Res	GAIG-1	Greene	Blue catfish Largemouth bass	Lower reservoir. Deepest point, main river channel, dam forebay.
Tombigbee	Sipsey R (Gainesville)	GAIG-6	Greene	Largemouth bass Blue catfish	Deepest point, main river channel, Sipsey River embayment, approximately 0.5 miles upstream of confluence with Tombigbee River.
Tombigbee	Tombigbee R	TOMW-1	Washington	Largemouth bass Blue catfish	Tombigbee R at river mile 50.0 approximately 5 miles upstream of the confluence with the Alabama R.
Tombigbee	Tombigbee R	TOMW-2	Washington	Channel catfish Largemouth bass Bluegill Black crappie	Vicinity of McIntosh landing, river mile 60.

Table 2. CY 2016 FTMP sample location information; basin, locale, station ID, species collected, and location description.

Basin	Locale	Station ID	County	Species Collected	Location Description
Tombigbee	Tombigbee R	TOMW-4	Clarke	Blue catfish Largemouth bass	Approximately 9.3 miles downstream of US Hwy 43/Alabama Hwy 13 bridge. River miles 85.6-83.6. Lat/Lon calculated at furthest downstream point (river mile 83.6).

Table 3. CY2016 Fish Tissue Monitoring Program analytical results.

Pickens County **Lat/Lon: 33.21906 / -88.28606**

ALIP-1, Aliceville Res - Lower reservoir. Deepest point, main river channel, dam forebay.

Blue Catfish (Ictalurus furcatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	545	450	470	495	495	380
Length (inches)	21.46	17.72	18.50	19.49	19.49	14.96
Weight (g)	3,395	1,570	2,105	2,385	2,405	970
Weight (oz)	119.76	55.38	74.25	84.13	84.83	34.22
Sex/Age	M/13	M/6	M/9	M/8	M/8	M/6
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	10-05-16	10-05-16	10-05-16	10-05-16	10-05-16	10-05-16
Skin on Fillet	N	N	N	N	N	N

	Composite - 6 Fish
Bottle Code: 10/5/2016 ALIP-1 BLC 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.285
MERCURY, TOTAL ug/g	.118
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.0476 JI
TOXAPHENE ug/g	< .00002

Pickens County **Lat/Lon: 33.21906 / -88.28606**

ALIP-1, Aliceville Res - Lower reservoir. Deepest point, main river channel, dam forebay.

Largemouth Bass (Micropterus salmoides)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	415	320	325	375	335	330
Length (inches)	16.34	12.60	12.80	14.76	13.19	12.99
Weight (g)	2,435	945	1,195	1,530	1,320	1,110
Weight (oz)	85.89	33.33	42.15	53.97	46.56	39.15
Sex/Age	F/3	M/2	M/2	M/5	M/3	M/3
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-05-16	10-05-16	10-05-16	10-05-16	10-05-16	10-05-16
Skin on Fillet	N	N	N	N	N	N
Internal Parasites		Slight/Mild		Slight/Mild		Slight/Mild

	Composite - 6 Fish
Bottle Code: 10/5/2016 ALIP-1 LMB 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	.103 JI
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.4
MERCURY, TOTAL ug/g	.179
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.0705 JI
TOXAPHENE ug/g	< .00002

Baldwin County **Lat/Lon: 30.69947 / -87.90219**

BMCB-1, Bay Minette Ck - Bay Minette Ck, Baldwin Co. in the vicinity of Hwy 225 bridge. Lat/ Lon calculated at bridge crossing.

Channel Catfish (Ictalurus punctatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	535	295	455	352	445	465
Length (inches)	21.06	11.61	17.91	13.86	17.52	18.31
Weight (g)	3,690	160	1,880	342	1,775	798
Weight (oz)	130.16	5.64	66.32	12.06	62.61	28.15
Sex/Age	M/5	M/3	M/5	F/3	M/5	M/4
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	10-05-16	10-05-16	10-05-16	10-05-16	10-05-16	10-05-16
Skin on Fillet	N	N	N	N	N	N
Internal Parasites					Slight/Mild	
MERCURY, TOTAL ug/g	.16	.111	.185	.26	.348	.131

	Composite - 6 Fish
Bottle Code: 10/5/2016 BMCB-1 CHC 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	1.865
MERCURY, TOTAL ug/g	.225
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	< .0424
TOXAPHENE ug/g	< .00002

Baldwin County **Lat/Lon: 30.69947 / -87.90219**

BMCB-1, Bay Minette Ck - Bay Minette Ck, Baldwin Co. in the vicinity of Hwy 225 bridge. Lat/ Lon calculated at bridge crossing.

Largemouth Bass (Micropterus salmoides)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	234	320	201	198	312	285
Length (inches)	9.21	12.60	7.91	7.80	12.28	11.22
Weight (g)	345	785	230	185	915	605
Weight (oz)	12.17	27.69	8.11	6.53	32.28	21.34
Sex/Age	M/1	M/4	M/1	M/1	M/3	M/2
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-05-16	10-05-16	10-05-16	10-05-16	10-05-16	10-05-16
Skin on Fillet	N	N	N	N	N	N
Internal Parasites		Slight/Mild				Slight/Mild
MERCURY, TOTAL ug/g	.133	.623	.395	.381	.425	.402

	Composite - 6 Fish
Bottle Code: 10/5/2016 BMCB-1 LMB 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	.066 JI
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.26
MERCURY, TOTAL ug/g	.41
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.0624 JI
TOXAPHENE ug/g	< .00002

Colbert County **Lat/Lon: 34.82400 / -88.10378**

PICL-5, Bear Ck (Pickwick) - Main creek channel at Bear Creek embayment. Pickwick Reservoir, Bear Creek embayment, at Bear Creek mile 8.0 approximately 5 miles downstream of Buzzard Roost/Bear Creek confluence.

Channel Catfish (Ictalurus punctatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	572	475	437	480	475	490
Length (inches)	22.52	18.70	17.20	18.90	18.70	19.29
Weight (g)	1,702	954	814	886	910	1,062
Weight (oz)	60.04	33.65	28.71	31.25	32.10	37.46
Sex/Age	/7	/6	/6	/6	/6	/7
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	10-27-16	10-27-16	10-27-16	10-27-16	10-27-16	10-27-16
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	< .056	.195	< .056	.104	< .056	< .056

	Composite - 6 Fish
Bottle Code: 10/27/2016 PICL-5 CHC 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	.055 JI
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	.055 JI
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	3.185
MERCURY, TOTAL ug/g	< .056
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.023 JI
TOXAPHENE ug/g	< .00002

Colbert County **Lat/Lon: 34.82400 / -88.10378**

PICL-5, Bear Ck (Pickwick) - Main creek channel at Bear Creek embayment. Pickwick Reservoir, Bear Creek embayment, at Bear Creek mile 8.0 approximately 5 miles downstream of Buzzard Roost/Bear Creek confluence.

Largemouth Bass (Micropterus salmoides)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	445	404	390	412	372	408
Length (inches)	17.52	15.91	15.35	16.22	14.65	16.06
Weight (g)	1,206	910	1,042	994	700	826
Weight (oz)	42.54	32.10	36.76	35.06	24.69	29.14
Sex/Age	/5	/4	/4	/4	/4	/5
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-27-16	10-27-16	10-27-16	10-27-16	10-27-16	10-27-16
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.294	.326	.122	.165	.136	.208

	Composite - 6 Fish
Bottle Code: 10/27/2016 PICL-5 LMB 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.15
MERCURY, TOTAL ug/g	.153
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.044 JI
TOXAPHENE ug/g	< .00002

Washington County **Lat/Lon: 31.22722 / -87.94611**

BLBW-5A, Bilbo Ck - Bilbo Creek upstream of the confluence with the Tombigbee R.

Channel Catfish (Ictalurus punctatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	427	342	314	337	302	306
Length (inches)	16.81	13.46	12.36	13.27	11.89	12.05
Weight (g)	646	290	208	320	192	212
Weight (oz)	22.79	10.23	7.34	11.29	6.77	7.48
Sex/Age	F/5	F/5	F/5	M/5	M/4	F/4
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	10-25-16	10-25-16	10-25-16	10-25-16	10-25-16	10-25-16
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.135	.179	.192	.193	.153	.115

	Composite - 6 Fish
Bottle Code: 10/25/2016 BLBW-5A CHC 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	.008 JI
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	.049 JI
PCB'S, TOTAL ug/g	.049 JI
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	1.17
MERCURY, TOTAL ug/g	.146
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.082 JI
TOXAPHENE ug/g	< .00002

Washington County **Lat/Lon: 31.22722 / -87.94611**

BLBW-5A, Bilbo Ck - Bilbo Creek upstream of the confluence with the Tombigbee R.

Largemouth Bass (Micropterus salmoides)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	395	344	383	349	395	367
Length (inches)	15.55	13.54	15.08	13.74	15.55	14.45
Weight (g)	816	608	698	538	1,036	748
Weight (oz)	28.78	21.45	24.62	18.98	36.54	26.38
Sex/Age	F/3	M/2	F/4	F/4	F/4	M/4
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-25-16	10-25-16	10-25-16	10-25-16	10-25-16	10-25-16
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.459	.304	.59	.414	.399	.488

	Composite - 6 Fish
Bottle Code: 10/25/2016 BLBW-5A LMB 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	.012
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	.045 JI
PCB'S, TOTAL ug/g	.045
ARSENIC, TOTAL ug/g	.065 JI
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.91
MERCURY, TOTAL ug/g	.36
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.142 JI
TOXAPHENE ug/g	< .00002

Baldwin County **Lat/Lon: 30.30919 / -87.87028**

BSBB-1, Bon Secour Bay - In main channel near confluence of Bon Secour Bay and Oyster Bay.

Hardhead Catfish (Arius felis)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	346	403	399	410	415	448
Length (inches)	13.62	15.87	15.71	16.14	16.34	17.64
Weight (g)	374	584	622	674	724	972
Weight (oz)	13.19	20.60	21.94	23.77	25.54	34.29
Sex/Age	M/7	F/4	M/6	M/8	F/8	F/8
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	09-27-16	09-27-16	09-27-16	09-27-16	09-27-16	09-27-16
Skin on Fillet	N	N	N	N	N	N

	Composite - 6 Fish
Bottle Code: 9/27/2016 BSBB-1 HHC 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	.432 JI
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	1.655
MERCURY, TOTAL ug/g	.245
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.0483 JI
TOXAPHENE ug/g	< .00002

Baldwin County **Lat/Lon: 30.30919 / -87.87028**

BSBB-1, Bon Secour Bay - In main channel near confluence of Bon Secour Bay and Oyster Bay.

Sand Seatrout (Cynoscion arenarius)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5
Length (mm)	256	259	290	260	199
Length (inches)	10.08	10.20	11.42	10.24	7.83
Weight (g)	385	370	200	156	0
Weight (oz)	13.58	13.05	7.05	5.50	0.00
Sex/Age	M/2	M/2	F/2	F/2	F/1
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	09-27-16	09-27-16	09-27-16	09-27-16	09-27-16
Skin on Fillet	N	N	N	N	N

	Composite - 5 Fish
Bottle Code: 9/27/2016 BSBB-1 SST 01-05	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	.077 JI
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.54
MERCURY, TOTAL ug/g	.115
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.265 JI
TOXAPHENE ug/g	< .00002

Baldwin County **Lat/Lon: 30.30919 / -87.87028**

BSBB-1, Bon Secour Bay - In main channel near confluence of Bon Secour Bay and Oyster Bay.

Southern Kingfish (Menticirrhus americanus)

	Fish 1	
Length (mm)	280	
Length (inches)	11.02	
Weight (g)	580	
Weight (oz)	20.46	
Sex/Age	F	
Age Method	Otolith	
Collection Date	09-27-16	
Skin on Fillet	N	
2,4'-DDD ug/g	< .00037	
2,4'-DDE ug/g	< .00144	
2,4'-DDT ug/g	< .00038	
4,4'-DDD ug/g	< .00046	
4,4'-DDE ug/g	.002	JI
4,4'-DDT ug/g	< .00037	
AROCHLOR 1016 ug/g	< .048	
AROCHLOR 1221 ug/g	< .125	
AROCHLOR 1232 ug/g	< .125	
AROCHLOR 1242 ug/g	< .125	
AROCHLOR 1248 ug/g	< .125	
AROCHLOR 1254 ug/g	< .027	
AROCHLOR 1260 ug/g	< .012	
PCB'S, TOTAL ug/g	< .048	
ARSENIC, TOTAL ug/g	.736	
CADMIUM, TOTAL ug/g	< .0079	
CHLORDANE, TOTAL ug/g	< .00001	
CHLORPYRIFOS ug/g	< .00082	
DIELDRIN ug/g	< .00028	
ENDOSULFAN I ug/g	< .00055	
ENDOSULFAN II ug/g	< .00048	
ENDRIN ug/g	< .00078	
HEPTACHLOR ug/g	< .00036	
HEPTACHLOR EPOXIDE ug/g	< .00111	
HEXACHLOROBENZENE ug/g	< .00051	
LINDANE ug/g	< .00178	
LIPIDS %	.2	
MERCURY, TOTAL ug/g	.109	
MIREX ug/g	< .00112	
SELENIUM, TOTAL ug/g	.197	JI
TOXAPHENE ug/g	< .00002	

Baldwin County **Lat/Lon: 30.33392 / -87.70710**

BSCB-102, Bon Secour R - Bon Secour River in the vicinity of Baldwin Co Rd 10 bridge.

Largemouth Bass (Micropterus salmoides)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	403	387	411	384	445	425
Length (inches)	15.87	15.24	16.18	15.12	17.52	16.73
Weight (g)	1,196	948	1,038	894	1,652	1,312
Weight (oz)	42.19	33.44	36.61	31.53	58.27	46.28
Sex/Age	F/5	F/5	M/4	M/5	F/5	F/4
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	11-02-16	11-02-16	11-02-16	11-02-16	11-02-16	11-02-16
Skin on Fillet	N	N	N	N	N	N
Internal Parasites	Moderate					
MERCURY, TOTAL ug/g	1.231	1.345	.638	.68	1.334	.752

	Composite - 6 Fish
Bottle Code: 11/2/2016 BSCB-102 LMB 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	.009 JI
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	.406 JI
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.57
MERCURY, TOTAL ug/g	1.063
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.177 JI
TOXAPHENE ug/g	< .00002

Baldwin County **Lat/Lon: 30.33392 / -87.70710**

BSCB-102, Bon Secour R - Bon Secour River in the vicinity of Baldwin Co Rd 10 bridge.

Striped Mullet (Mugil cephalus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	333	320	319	270	335	331
Length (inches)	13.11	12.60	12.56	10.63	13.19	13.03
Weight (g)	444	406	366	228	458	420
Weight (oz)	15.66	14.32	12.91	8.04	16.16	14.82
Sex/Age	F/2	F/2	M/2	M/1	F/2	M/2
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	11-02-16	11-02-16	11-02-16	11-02-16	11-02-16	11-02-16
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	< .056	< .056	< .056	< .056	< .056	< .056

	Composite - 6 Fish
Bottle Code: 11/2/2016 BSCB-102 STM 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	.712
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	.002 JI
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	2.74
MERCURY, TOTAL ug/g	< .056
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.056 JI
TOXAPHENE ug/g	< .00002

Mobile County **Lat/Lon: 30.78433 / -88.10869**

CHKM-1, Chickasaw Ck - Chickasaw Creek, Mobile Co. between I65 bridge and Hwy 213 bridge. Lat/Lon calculated at Chickasawbogue Park.

Channel Catfish (Ictalurus punctatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5
Length (mm)	265	345	332	360	366
Length (inches)	10.43	13.58	13.07	14.17	14.41
Weight (g)	120	254	242	312	384
Weight (oz)	4.23	8.96	8.54	11.01	13.55
Sex/Age	F/3	M/4	F/4	M/4	M/4
Age Method	Spine	Spine	Spine	Spine	Spine
Collection Date	10-04-16	10-04-16	10-04-16	10-04-16	10-04-16
Skin on Fillet	N	N	N	N	N
MERCURY, TOTAL ug/g	.163	.158	.192	.141	.108

	Composite - 5 Fish
Bottle Code: 10/4/2016 CHKM-1 CHC 01-05	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.42
MERCURY, TOTAL ug/g	.153
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.0486 JI
TOXAPHENE ug/g	< .00002

Mobile County **Lat/Lon: 30.78433 / -88.10869**

CHKM-1, Chickasaw Ck - Chickasaw Creek, Mobile Co. between I65 bridge and Hwy 213 bridge. Lat/Lon calculated at Chickasawbogue Park.

Largemouth Bass (Micropterus salmoides)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5
Length (mm)	243	295	318	325	320
Length (inches)	9.57	11.61	12.52	12.80	12.60
Weight (g)	174	286	406	488	436
Weight (oz)	6.14	10.09	14.32	17.21	15.38
Sex/Age	M/2	F/5	F/4	F/5	F/4
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-04-16	10-04-16	10-04-16	10-04-16	10-04-16
Skin on Fillet	N	N	N	N	N
MERCURY, TOTAL ug/g	1.066	1.233	.784	1	.704

	Composite - 5 Fish
Bottle Code: 10/4/2016 CHKM-1 LMB 01-05	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.075
MERCURY, TOTAL ug/g	.943
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.127 JI
TOXAPHENE ug/g	< .00002

Talladega County **Lat/Lon: 33.55822 / -86.17536**

LOGS-6, Choccolocco Ck (Logan Martin) - Deepest point, main creek channel, Choccolocco Creek embayment, approximately 1.0 miles upstream of lake confluence.

Black Crappie (Pomoxis nigromaculatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	266	304	287	293	275	272
Length (inches)	10.47	11.97	11.30	11.54	10.83	10.71
Weight (g)	364	460	440	426	374	356
Weight (oz)	12.84	16.23	15.52	15.03	13.19	12.56
Sex/Age	F/2	M/6	M/6	F/2	F/2	F/2
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-11-16	10-11-16	10-11-16	10-11-16	10-11-16	10-11-16
Skin on Fillet	N	N	N	N	N	N
2,4'-DDD ug/g	< .00037	< .00037	< .00037	< .00037	< .00037	< .00037
2,4'-DDE ug/g	.017	.04	.039	.012	.02	.016
2,4'-DDT ug/g	< .00038	< .00038	< .00038	< .00038	< .00038	< .00038
4,4'-DDD ug/g	< .00046	< .00046	< .00046	< .00046	< .00046	< .00046
4,4'-DDE ug/g	< .00137	< .00137	< .00137	< .00137	< .00137	< .00137
4,4'-DDT ug/g	< .00037	< .00037	< .00037	< .00037	< .00037	< .00037
AROCHLOR 1016 ug/g	< .048	< .048	< .048	< .048	< .048	< .048
AROCHLOR 1221 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1232 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1242 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1248 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1254 ug/g	< .027	.589	.536	.228	.296	.262
AROCHLOR 1260 ug/g	< .012	.871	.953	.274	.443	.38
PCB'S, TOTAL ug/g	< .048	1.46	1.489	.502	.739	.642
ARSENIC, TOTAL ug/g	.1 JI	.223 JI	.16 JI	.13 JI	< .059	.073 JI
CADMIUM, TOTAL ug/g	< .0079	< .0079	< .0079	< .0079	< .0079	< .0079
CHLORDANE, TOTAL ug/g	< .00001	< .00001	< .00001	< .00001	< .00001	< .00001
CHLORPYRIFOS ug/g	< .00082	< .00082	< .00082	< .00082	< .00082	< .00082
DIELDRIN ug/g	< .00028	< .00028	< .00028	< .00028	< .00028	< .00028
ENDOSULFAN I ug/g	< .00055	< .00055	< .00055	< .00055	< .00055	< .00055
ENDOSULFAN II ug/g	< .00048	< .00048	< .00048	< .00048	< .00048	< .00048
ENDRIN ug/g	< .00078	< .00078	< .00078	< .00078	< .00078	< .00078
HEPTACHLOR ug/g	< .00036	< .00036	< .00036	< .00036	< .00036	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111	< .00111	< .00111	< .00111	< .00111	< .00111
HEXACHLOROBENZENE ug/g	< .00051	< .00051	< .00051	< .00051	< .00051	< .00051
LINDANE ug/g	< .00178	< .00178	< .00178	< .00178	< .00178	< .00178
LIPIDS %	1.44	1.33	1.47	1.275	.44	1.865
MERCURY, TOTAL ug/g	< .056	< .056	< .056	< .056	< .056	< .056
MIREX ug/g	< .00112	< .00112	< .00112	< .00112	< .00112	< .00112
SELENIUM, TOTAL ug/g	.137 JI	.14 JI	.161 JI	.12 JI	.152 JI	.063 JI
TOXAPHENE ug/g	< .00002	< .00002	< .00002	< .00002	< .00002	< .00002

Talladega County **Lat/Lon: 33.55822 / -86.17536**

LOGS-6, Choccolocco Ck (Logan Martin) - Deepest point, main creek channel, Choccolocco Creek embayment, approximately 1.0 miles upstream of lake confluence.

Channel Catfish (Ictalurus punctatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	383	405	380	410	346	381
Length (inches)	15.08	15.94	14.96	16.14	13.62	15.00
Weight (g)	420	558	462	556	330	412
Weight (oz)	14.82	19.68	16.30	19.61	11.64	14.53
Sex/Age	M/5	M/5	M/5	F/6	F/4	F/5
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	10-11-16	10-11-16	10-11-16	10-11-16	10-11-16	10-11-16
Skin on Fillet	N	N	N	N	N	N
2,4'-DDD ug/g	< .00037	< .00037	< .00037	< .00037	< .00037	< .00037
2,4'-DDE ug/g	< .00144	< .00144	< .00144	< .00144	< .00144	< .00144
2,4'-DDT ug/g	< .00038	< .00038	< .00038	< .00038	< .00038	< .00038
4,4'-DDD ug/g	< .00046	< .00046	< .00046	< .00046	< .00046	< .00046
4,4'-DDE ug/g	< .00137	.016	.018	.014	.009 JI	< .00137
4,4'-DDT ug/g	< .00037	< .00037	< .00037	< .00037	< .00037	< .00037
AROCHLOR 1016 ug/g	< .048	< .048	< .048	< .048	< .048	< .048
AROCHLOR 1221 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1232 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1242 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1248 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1254 ug/g	.12 JI	.099 JI	.127	.035 JI	.058 JI	.074 JI
AROCHLOR 1260 ug/g	.374	.664	.711	.08 JI	.718	.307
PCB'S, TOTAL ug/g	.494	.763	.838	.115 JI	.776	.381
ARSENIC, TOTAL ug/g	< .059	< .059	< .059	< .059	< .059	< .059
CADMIUM, TOTAL ug/g	< .0079	< .0079	< .0079	< .0079	< .0079	< .0079
CHLORDANE, TOTAL ug/g	< .00001	< .00001	< .00001	< .00001	< .00001	< .00001
CHLORPYRIFOS ug/g	< .00082	< .00082	< .00082	< .00082	< .00082	< .00082
DIELDRIN ug/g	< .00028	< .00028	< .00028	< .00028	< .00028	< .00028
ENDOSULFAN I ug/g	< .00055	< .00055	< .00055	< .00055	< .00055	< .00055
ENDOSULFAN II ug/g	< .00048	< .00048	< .00048	< .00048	< .00048	< .00048
ENDRIN ug/g	< .00078	< .00078	< .00078	< .00078	< .00078	< .00078
HEPTACHLOR ug/g	< .00036	< .00036	< .00036	< .00036	< .00036	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111	< .00111	< .00111	< .00111	< .00111	< .00111
HEXACHLOROBENZENE ug/g	< .00051	< .00051	< .00051	< .00051	< .00051	< .00051
LINDANE ug/g	< .00178	< .00178	< .00178	< .00178	< .00178	< .00178
LIPIDS %	.24	.545	.115	< .1	.13	< .1
MERCURY, TOTAL ug/g	< .056	.275	.143	.215	.189	.172
MIREX ug/g	< .00112	< .00112	< .00112	< .00112	< .00112	< .00112
SELENIUM, TOTAL ug/g	.221 JI	.079 JI	.077 JI	.102 JI	< .0424	.102 JI
TOXAPHENE ug/g	< .00002	< .00002	< .00002	< .00002	< .00002	< .00002

Talladega County **Lat/Lon: 33.55822 / -86.17536**

LOGS-6, Choccolocco Ck (Logan Martin) - Deepest point, main creek channel, Choccolocco Creek embayment, approximately 1.0 miles upstream of lake confluence.

Largemouth Bass (Micropterus salmoides)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	352	336	361	350	350	385
Length (inches)	13.86	13.23	14.21	13.78	13.78	15.16
Weight (g)	676	494	736	608	540	756
Weight (oz)	23.85	17.43	25.96	21.45	19.05	26.67
Sex/Age	F/2	F/2	F/2	F/2	M/2	F/2
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-11-16	10-11-16	10-11-16	10-11-16	10-11-16	10-11-16
Skin on Fillet	N	N	N	N	N	N
2,4'-DDD ug/g	< .00037	< .00037	< .00037	< .00037	< .00037	< .00037
2,4'-DDE ug/g	< .00144	< .00144	< .00144	< .00144	< .00144	< .00144
2,4'-DDT ug/g	< .00038	< .00038	< .00038	< .00038	< .00038	< .00038
4,4'-DDD ug/g	< .00046	< .00046	< .00046	< .00046	< .00046	< .00046
4,4'-DDE ug/g	.014	.005 JI	.023	.008 JI	.007 JI	.006 JI
4,4'-DDT ug/g	< .00037	< .00037	< .00037	< .00037	< .00037	< .00037
AROCHLOR 1016 ug/g	< .048	< .048	< .048	< .048	< .048	< .048
AROCHLOR 1221 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1232 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1242 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1248 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1254 ug/g	.213	.112 JI	.237	.164	.129	.121 JI
AROCHLOR 1260 ug/g	.589	.316	.802	.303	.384	.259
PCB'S, TOTAL ug/g	.802	.428	1.039	.467	.513	.38
ARSENIC, TOTAL ug/g	< .059	< .059	< .059	< .059	< .059	.073 JI
CADMIUM, TOTAL ug/g	< .0079	< .0079	< .0079	< .0079	< .0079	< .0079
CHLORDANE, TOTAL ug/g	< .00001	< .00001	< .00001	< .00001	< .00001	< .00001
CHLORPYRIFOS ug/g	< .00082	< .00082	< .00082	< .00082	< .00082	< .00082
DIELDRIN ug/g	< .00028	< .00028	< .00028	< .00028	< .00028	< .00028
ENDOSULFAN I ug/g	< .00055	< .00055	< .00055	< .00055	< .00055	< .00055
ENDOSULFAN II ug/g	< .00048	< .00048	< .00048	< .00048	< .00048	< .00048
ENDRIN ug/g	< .00078	< .00078	< .00078	< .00078	< .00078	< .00078
HEPTACHLOR ug/g	< .00036	< .00036	< .00036	< .00036	< .00036	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111	< .00111	< .00111	< .00111	< .00111	< .00111
HEXACHLOROBENZENE ug/g	< .00051	< .00051	< .00051	< .00051	< .00051	< .00051
LINDANE ug/g	< .00178	< .00178	< .00178	< .00178	< .00178	< .00178
LIPIDS %	.255	< .1	.405	.195	.11	.19
MERCURY, TOTAL ug/g	.189	.244	.131	.2	.199	.114
MIREX ug/g	< .00112	< .00112	< .00112	< .00112	< .00112	< .00112
SELENIUM, TOTAL ug/g	.135 JI	.174 JI	.135 JI	.16 JI	.146 JI	.14 JI
TOXAPHENE ug/g	< .00002	< .00002	< .00002	< .00002	< .00002	< .00002

Talladega County **Lat/Lon: 33.55822 / -86.17536**

LOGS-6, Choccolocco Ck (Logan Martin) - Deepest point, main creek channel, Choccolocco Creek embayment, approximately 1.0 miles upstream of lake confluence.

Striped Bass (Morone saxatilis)

	Fish 1	Fish 2	Fish 3
Length (mm)	552	510	395
Length (inches)	21.73	20.08	15.55
Weight (g)	1,466	1,514	662
Weight (oz)	51.71	53.40	23.35
Sex/Age	F/3	F/2	M/1
Age Method	Otolith	Otolith	Otolith
Collection Date	10-11-16	10-11-16	10-11-16
Skin on Fillet	N	N	N
2,4'-DDD ug/g	< .00037	< .00037	< .00037
2,4'-DDE ug/g	.089	.011	.011
2,4'-DDT ug/g	< .00038	< .00038	< .00038
4,4'-DDD ug/g	< .00046	< .00046	< .00046
4,4'-DDE ug/g	< .00137	< .00137	< .00137
4,4'-DDT ug/g	< .00037	< .00037	< .00037
AROCHLOR 1016 ug/g	< .048	< .048	< .048
AROCHLOR 1221 ug/g	< .125	< .125	< .125
AROCHLOR 1232 ug/g	< .125	< .125	< .125
AROCHLOR 1242 ug/g	< .125	< .125	< .125
AROCHLOR 1248 ug/g	< .125	< .125	< .125
AROCHLOR 1254 ug/g	1.213	.184	.164
AROCHLOR 1260 ug/g	2.026	.302	.225
PCB'S, TOTAL ug/g	3.239	.486	.389
ARSENIC, TOTAL ug/g	.065 JI	.115 JI	.132 JI
CADMIUM, TOTAL ug/g	< .0079	< .0079	< .0079
CHLORDANE, TOTAL ug/g	< .00001	< .00001	< .00001
CHLORPYRIFOS ug/g	< .00082	< .00082	< .00082
DIELDRIN ug/g	< .00028	< .00028	< .00028
ENDOSULFAN I ug/g	< .00055	< .00055	< .00055
ENDOSULFAN II ug/g	< .00048	< .00048	< .00048
ENDRIN ug/g	< .00078	< .00078	< .00078
HEPTACHLOR ug/g	< .00036	< .00036	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111	< .00111	< .00111
HEXACHLOROBENZENE ug/g	< .00051	< .00051	< .00051
LINDANE ug/g	< .00178	< .00178	< .00178
LIPIDS %	2.94	1.59	.96
MERCURY, TOTAL ug/g	.155	< .056	< .056
MIREX ug/g	< .00112	< .00112	< .00112
SELENIUM, TOTAL ug/g	.154 JI	.087 JI	.112 JI
TOXAPHENE ug/g	< .00002	< .00002	< .00002

Talladega County **Lat/Lon: 33.55139 / -86.00528**

CL-3, Choccolocco Ck - Choccolocco Ck at Talladega Co. Rd. 399 crossing.

Channel Catfish (Ictalurus punctatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	472	435	465	533	431	482
Length (inches)	18.58	17.13	18.31	20.98	16.97	18.98
Weight (g)	1,124	640	898	1,216	744	990
Weight (oz)	39.65	22.58	31.68	42.89	26.24	34.92
Sex/Age	F/5	M/5	M/6	M/6	M/5	F/5
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	12-01-16	12-01-16	12-01-16	12-01-16	12-01-16	12-01-16
Skin on Fillet	N	N	N	N	N	N
Internal Parasites			Slight/Mild		Slight/Mild	
2,4'-DDD ug/g	< .00037	< .00037	< .00037	< .00037	< .00037	< .00037
2,4'-DDE ug/g	< .00144	< .00144	< .00144	< .00144	< .00144	< .00144
2,4'-DDT ug/g	< .00038	< .00038	< .00038	< .00038	< .00038	< .00038
4,4'-DDD ug/g	< .00046	< .00046	< .00046	< .00046	< .00046	< .00046
4,4'-DDE ug/g	< .00137	< .00137	< .00137	< .00137	< .00137	< .00137
4,4'-DDT ug/g	< .00037	< .00037	< .00037	< .00037	< .00037	< .00037
AROCHLOR 1016 ug/g	< .048	< .048	< .048	< .048	< .048	< .048
AROCHLOR 1221 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1232 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1242 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1248 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1254 ug/g	.564	.079 JI	.081 JI	.091 JI	.534	.654
AROCHLOR 1260 ug/g	1.418	.176	.559	.655	2.32	1.517
PCB'S, TOTAL ug/g	1.982	.255	.64	.746	2.854	2.171
ARSENIC, TOTAL ug/g	< .059	< .059	< .059	< .059	< .059	< .059
CADMIUM, TOTAL ug/g	< .0079	< .0079	< .0079	< .0079	< .0079	< .0079
CHLORDANE, TOTAL ug/g	< .00001	< .00001	< .00001	< .00001	< .00001	< .00001
CHLORPYRIFOS ug/g	< .00082	< .00082	< .00082	< .00082	< .00082	< .00082
DIELDRIN ug/g	< .00028	< .00028	< .00028	< .00028	< .00028	< .00028
ENDOSULFAN I ug/g	< .00055	< .00055	< .00055	< .00055	< .00055	< .00055
ENDOSULFAN II ug/g	< .00048	< .00048	< .00048	< .00048	< .00048	< .00048
ENDRIN ug/g	< .00078	< .00078	< .00078	< .00078	< .00078	< .00078
HEPTACHLOR ug/g	< .00036	< .00036	< .00036	< .00036	< .00036	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111	< .00111	< .00111	< .00111	< .00111	< .00111
HEXACHLOROBENZENE ug/g	< .00051	< .00051	< .00051	< .00051	< .00051	< .00051
LINDANE ug/g	< .00178	< .00178	< .00178	< .00178	< .00178	< .00178
LIPIDS %	1.36	.535	.215	.245	.97	.92
MERCURY, TOTAL ug/g	.28	.157	.447	.467	.357	.273
MIREX ug/g	< .00112	< .00112	< .00112	< .00112	< .00112	< .00112
SELENIUM, TOTAL ug/g	< .0424	< .0424	< .0424	< .0424	< .0424	< .0424
TOXAPHENE ug/g	< .00002	< .00002	< .00002	< .00002	< .00002	< .00002

Talladega County **Lat/Lon: 33.55139 / -86.00528**

CL-3, Choccolocco Ck - Choccolocco Ck at Talladega Co. Rd. 399 crossing.

Largemouth Bass (Micropterus salmoides)

	Fish 1	Fish 2	Fish 3
Length (mm)	337	387	410
Length (inches)	13.27	15.24	16.14
Weight (g)	462	872	844
Weight (oz)	16.30	30.76	29.77
Sex/Age	F/3	M/3	F/8
Age Method	Otolith	Otolith	Otolith
Collection Date	12-01-16	12-01-16	12-01-16
Skin on Fillet	N	N	N
Lesions			Slight/Mild
2,4'-DDD ug/g	< .00037	< .00037	< .00037
2,4'-DDE ug/g	< .00144	< .00144	< .00144
2,4'-DDT ug/g	< .00038	< .00038	< .00038
4,4'-DDD ug/g	< .00046	< .00046	< .00046
4,4'-DDE ug/g	< .00137	< .00137	< .00137
4,4'-DDT ug/g	< .00037	< .00037	< .00037
AROCHLOR 1016 ug/g	< .048	< .048	< .048
AROCHLOR 1221 ug/g	< .125	< .125	< .125
AROCHLOR 1232 ug/g	< .125	< .125	< .125
AROCHLOR 1242 ug/g	< .125	< .125	< .125
AROCHLOR 1248 ug/g	< .125	< .125	< .125
AROCHLOR 1254 ug/g	.28	.442	.199
AROCHLOR 1260 ug/g	.712	1.234	2.848
PCB'S, TOTAL ug/g	.992	1.676	3.047
ARSENIC, TOTAL ug/g	< .059	< .059	< .059
CADMIUM, TOTAL ug/g	< .0079	< .0079	< .0079
CHLORDANE, TOTAL ug/g	< .00001	< .00001	< .00001
CHLORPYRIFOS ug/g	< .00082	< .00082	< .00082
DIELDRIN ug/g	< .00028	< .00028	< .00028
ENDOSULFAN I ug/g	< .00055	< .00055	< .00055
ENDOSULFAN II ug/g	< .00048	< .00048	< .00048
ENDRIN ug/g	< .00078	< .00078	< .00078
HEPTACHLOR ug/g	< .00036	< .00036	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111	< .00111	< .00111
HEXACHLOROBENZENE ug/g	< .00051	< .00051	< .00051
LINDANE ug/g	< .00178	< .00178	< .00178
LIPIDS %	.17	.435	.17
MERCURY, TOTAL ug/g	.955	.798	1.774
MIREX ug/g	< .00112	< .00112	< .00112
SELENIUM, TOTAL ug/g	.077 JI	.092 JI	.101 JI
TOXAPHENE ug/g	< .00002	< .00002	< .00002

Talladega County **Lat/Lon: 33.55139 / -86.00528**

CL-3, Choccolocco Ck - Choccolocco Ck at Talladega Co. Rd. 399 crossing.

Spotted Bass (Micropterus punctulatus)

	Fish 1	Fish 2	Fish 3
Length (mm)	398	365	325
Length (inches)	15.67	14.37	12.80
Weight (g)	682	544	414
Weight (oz)	24.06	19.19	14.60
Sex/Age	M/4	M/4	M/5
Age Method	Otolith	Otolith	Otolith
Collection Date	12-01-16	12-01-16	12-01-16
Skin on Fillet	N	N	N
Lesions		Slight/Mild	
2,4'-DDD ug/g	< .00037	< .00037	< .00037
2,4'-DDE ug/g	< .00144	< .00144	< .00144
2,4'-DDT ug/g	< .00038	< .00038	< .00038
4,4'-DDD ug/g	< .00046	< .00046	< .00046
4,4'-DDE ug/g	< .00137	< .00137	< .00137
4,4'-DDT ug/g	< .00037	< .00037	< .00037
AROCHLOR 1016 ug/g	< .048	< .048	< .048
AROCHLOR 1221 ug/g	< .125	< .125	< .125
AROCHLOR 1232 ug/g	< .125	< .125	< .125
AROCHLOR 1242 ug/g	< .125	< .125	< .125
AROCHLOR 1248 ug/g	< .125	< .125	< .125
AROCHLOR 1254 ug/g	.43	.485	.22
AROCHLOR 1260 ug/g	.956	1.3	1.005
PCB'S, TOTAL ug/g	1.386	1.785	1.225
ARSENIC, TOTAL ug/g	< .059	< .059	< .059
CADMIUM, TOTAL ug/g	< .0079	< .0079	< .0079
CHLORDANE, TOTAL ug/g	< .00001	< .00001	< .00001
CHLORPYRIFOS ug/g	< .00082	< .00082	< .00082
DIELDRIN ug/g	< .00028	< .00028	< .00028
ENDOSULFAN I ug/g	< .00055	< .00055	< .00055
ENDOSULFAN II ug/g	< .00048	< .00048	< .00048
ENDRIN ug/g	< .00078	< .00078	< .00078
HEPTACHLOR ug/g	< .00036	< .00036	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111	< .00111	< .00111
HEXACHLOROBENZENE ug/g	< .00051	< .00051	< .00051
LINDANE ug/g	< .00178	< .00178	< .00178
LIPIDS %	.175	< .1	.115
MERCURY, TOTAL ug/g	.373	1.047	.883
MIREX ug/g	< .00112	< .00112	< .00112
SELENIUM, TOTAL ug/g	.129 JI	.07 JI	.118 JI
TOXAPHENE ug/g	< .00002	< .00002	< .00002

Choctaw County **Lat/Lon: 31.75291 / -88.13382**

COFC-1, Coffeeville Res - Lower reservoir. Deepest point, main river channel, dam forebay.

Blue Catfish (Ictalurus furcatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	415	335	340	410	380	340
Length (inches)	16.34	13.19	13.39	16.14	14.96	13.39
Weight (g)	684	304	312	656	570	408
Weight (oz)	24.13	10.72	11.01	23.14	20.11	14.39
Sex/Age	M/5	M/4	M/5	M/5	F/4	M/4
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	10-05-16	10-05-16	10-05-16	10-05-16	10-05-16	10-05-16
Skin on Fillet	N	N	N	N	N	N

	Composite - 6 Fish	
Bottle Code: 10/5/2016 COFC-1 BLC 01-06		
2,4'-DDD ug/g	< .00037	
2,4'-DDE ug/g	< .00144	
2,4'-DDT ug/g	< .00038	
4,4'-DDD ug/g	< .00046	
4,4'-DDE ug/g	< .00137	
4,4'-DDT ug/g	< .00037	
AROCHLOR 1016 ug/g	< .048	
AROCHLOR 1221 ug/g	< .125	
AROCHLOR 1232 ug/g	< .125	
AROCHLOR 1242 ug/g	< .125	
AROCHLOR 1248 ug/g	< .125	
AROCHLOR 1254 ug/g	< .027	
AROCHLOR 1260 ug/g	< .012	
PCB'S, TOTAL ug/g	< .048	
ARSENIC, TOTAL ug/g	< .059	
CADMIUM, TOTAL ug/g	< .0079	
CHLORDANE, TOTAL ug/g	< .00001	
CHLORPYRIFOS ug/g	< .00082	
DIELDRIN ug/g	< .00028	
ENDOSULFAN I ug/g	< .00055	
ENDOSULFAN II ug/g	< .00048	
ENDRIN ug/g	< .00078	
HEPTACHLOR ug/g	< .00036	
HEPTACHLOR EPOXIDE ug/g	< .00111	
HEXACHLOROBENZENE ug/g	< .00051	
LINDANE ug/g	< .00178	
LIPIDS %	.52	
MERCURY, TOTAL ug/g	.098	JI
MIREX ug/g	< .00112	
SELENIUM, TOTAL ug/g	.0453	JI
TOXAPHENE ug/g	< .00002	

Choctaw County **Lat/Lon: 31.75291 / -88.13382**

COFC-1, Coffeeville Res - Lower reservoir. Deepest point, main river channel, dam forebay.

Largemouth Bass (Micropterus salmoides)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	410	360	385	315	305	340
Length (inches)	16.14	14.17	15.16	12.40	12.01	13.39
Weight (g)	892	628	880	464	466	504
Weight (oz)	31.46	22.15	31.04	16.37	16.44	17.78
Sex/Age	F/6	M/3	M/3	F/1	M/1	M/5
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-05-16	10-05-16	10-05-16	10-05-16	10-05-16	10-05-16
Skin on Fillet	N	N	N	N	N	N

	Composite - 6 Fish
Bottle Code: 10/5/2016 COFC-1 LMB 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	.073 JI
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	1.085
MERCURY, TOTAL ug/g	.291
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.0933 JI
TOXAPHENE ug/g	< .00002

Sumter County **Lat/Lon: 32.43449 / -88.02995**

COFC-19, Coffeeville Res - Approximately 1.5 miles downstream of US Hwy 80/AL Hwy 28 bridge. Tombigbee R miles 202.0-200.0. Lat/Lon was calculated at RM 202.0.

Blue Catfish (Ictalurus furcatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	437	585	544	340	361	418
Length (inches)	17.20	23.03	21.42	13.39	14.21	16.46
Weight (g)	714	2,202	1,604	314	392	545
Weight (oz)	25.19	77.67	56.58	11.08	13.83	19.22
Sex/Age	M/6	F/8	M/5	M/3	M/4	M/4
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	10-04-16	10-04-16	10-04-16	10-04-16	10-04-16	10-04-16
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.123	.272	.107	.13	.123	.152

	Composite - 6 Fish
Bottle Code: 10/4/2016 COFC-19 BLC 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	1.07
MERCURY, TOTAL ug/g	.149
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.0513 JI
TOXAPHENE ug/g	< .00002

Sumter County **Lat/Lon: 32.43449 / -88.02995**

COFC-19, Coffeeville Res - Approximately 1.5 miles downstream of US Hwy 80/AL Hwy 28 bridge. Tombigbee R miles 202.0-200.0. Lat/Lon was calculated at RM 202.0.

Spotted Bass (Micropterus punctulatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	338	354	347	380	368	314
Length (inches)	13.31	13.94	13.66	14.96	14.49	12.36
Weight (g)	614	696	618	800	670	496
Weight (oz)	21.66	24.55	21.80	28.22	23.63	17.50
Sex/Age	M/2	M/2	F/2	M/2	F/2	M/2
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-04-16	10-04-16	10-04-16	10-04-16	10-04-16	10-04-16
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.253	.179	.223	.215	.214	.194

	Composite - 6 Fish
Bottle Code: 10/4/2016 COFC-19 SPB 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.67
MERCURY, TOTAL ug/g	.272
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.11 JI
TOXAPHENE ug/g	< .00002

Cherokee County **Lat/Lon: 34.11105 / -85.75760**

CO-4, Coosa R - Coosa River, 0.31 miles downstream from Cherokee CR 5.

Blue Catfish (Ictalurus furcatus)

	Fish 1	Fish 2	Fish 3	Fish 4
Length (mm)	471	615	650	523
Length (inches)	18.54	24.21	25.59	20.59
Weight (g)	862	1,924	2,800	1,228
Weight (oz)	30.41	67.87	98.77	43.32
Sex/Age	M/7	M/11	M/10	M/8
Age Method	Spine	Spine	Spine	Spine
Collection Date	11-08-16	11-08-16	11-08-16	11-08-16
Skin on Fillet	N	N	N	N
AROCHLOR 1016 ug/g	< .048	< .048	< .048	< .048
AROCHLOR 1221 ug/g	< .125	< .125	< .125	< .125
AROCHLOR 1232 ug/g	< .125	< .125	< .125	< .125
AROCHLOR 1242 ug/g	< .125	< .125	< .125	< .125
AROCHLOR 1248 ug/g	< .125	< .125	< .125	< .125
AROCHLOR 1254 ug/g	.031 JI	.062 JI	.2	< .027
AROCHLOR 1260 ug/g	.045 JI	.361	.221	.098 JI
PCB'S, TOTAL ug/g	.076 JI	.423	.421	.098 JI
LIPIDS %	.18	.175	2.535	.255

	Composite - 4 Fish
Bottle Code: 11/8/2016 CO-4 BLC 01-04	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	.034
AROCHLOR 1260 ug/g	.103
PCB'S, TOTAL ug/g	.137
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.585
MERCURY, TOTAL ug/g	.102
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.078 JI
TOXAPHENE ug/g	< .00002

Cherokee County **Lat/Lon: 34.11105 / -85.75760**

CO-4, Coosa R - Coosa River, 0.31 miles downstream from Cherokee CR 5.

Channel Catfish (Ictalurus punctatus)

	Fish 1	Fish 2
Length (mm)	425	352
Length (inches)	16.73	13.86
Weight (g)	736	304
Weight (oz)	25.96	10.72
Sex/Age	M/6	M/6
Age Method	Spine	Spine
Collection Date	11-08-16	11-08-16
Skin on Fillet	N	N
AROCHLOR 1016 ug/g	< .048	< .048
AROCHLOR 1221 ug/g	< .125	< .125
AROCHLOR 1232 ug/g	< .125	< .125
AROCHLOR 1242 ug/g	< .125	< .125
AROCHLOR 1248 ug/g	< .125	< .125
AROCHLOR 1254 ug/g	< .027	< .027
AROCHLOR 1260 ug/g	.067 JI	.103 JI
PCB'S, TOTAL ug/g	.067 JI	.103 JI
LIPIDS %	.105	.44

	Composite - 2 Fish
Bottle Code: 11/8/2016 CO-4 CHC 01-02	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	.07 JI
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.245
MERCURY, TOTAL ug/g	.113
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.067 JI
TOXAPHENE ug/g	< .00002

Cherokee County **Lat/Lon: 34.11105 / -85.75760**

CO-4, Coosa R - Coosa River, 0.31 miles downstream from Cherokee CR 5.

Largemouth Bass (Micropterus salmoides)

	Fish 1	Fish 2	Fish 3
Length (mm)	332	329	305
Length (inches)	13.07	12.95	12.01
Weight (g)	556	512	402
Weight (oz)	19.61	18.06	14.18
Sex/Age	F/2	M/2	F/2
Age Method	Otolith	Otolith	Otolith
Collection Date	11-08-16	11-08-16	11-08-16
Skin on Fillet	N	N	N
AROCHLOR 1016 ug/g	< .048	< .048	< .048
AROCHLOR 1221 ug/g	< .125	< .125	< .125
AROCHLOR 1232 ug/g	< .125	< .125	< .125
AROCHLOR 1242 ug/g	< .125	< .125	< .125
AROCHLOR 1248 ug/g	< .125	< .125	< .125
AROCHLOR 1254 ug/g	.038 JI	< .027	< .027
AROCHLOR 1260 ug/g	.04 JI	.032 JI	.033 JI
PCB'S, TOTAL ug/g	.078 JI	.032	.033
LIPIDS %	.18	.215	.175

	Composite - 3 Fish
Bottle Code: 11/8/2016 CO-4 LMB 01-03	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	< .1
MERCURY, TOTAL ug/g	.115
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.188 JI
TOXAPHENE ug/g	< .00002

Cherokee County **Lat/Lon: 34.11105 / -85.75760**

CO-4, Coosa R - Coosa River, 0.31 miles downstream from Cherokee CR 5.

Spotted Bass (Micropterus punctulatus)

	Fish 1	Fish 2	Fish 3
Length (mm)	405	369	343
Length (inches)	15.94	14.53	13.50
Weight (g)	912	860	512
Weight (oz)	32.17	30.34	18.06
Sex/Age	M/3	F/2	M/2
Age Method	Otolith	Otolith	Otolith
Collection Date	11-08-16	11-08-16	11-08-16
Skin on Fillet	N	N	N
AROCHLOR 1016 ug/g	< .048	< .048	< .048
AROCHLOR 1221 ug/g	< .125	< .125	< .125
AROCHLOR 1232 ug/g	< .125	< .125	< .125
AROCHLOR 1242 ug/g	< .125	< .125	< .125
AROCHLOR 1248 ug/g	< .125	< .125	< .125
AROCHLOR 1254 ug/g	.05 JI	.056 JI	< .027
AROCHLOR 1260 ug/g	.079 JI	.056 JI	.038 JI
PCB'S, TOTAL ug/g	.129	.112 JI	.038
LIPIDS %	.325	.69	5.255

	Composite - 3 Fish
Bottle Code: 11/8/2016 CO-4 SPB 01-03	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	.044 JI
PCB'S, TOTAL ug/g	.044
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.36
MERCURY, TOTAL ug/g	< .056
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.173 JI
TOXAPHENE ug/g	< .00002

Baldwin County **Lat/Lon: 30.47833 / -87.80583**

CWPB-4, Cowpen Ck - Cowpen Ck upstream of confluence with the Fish River.

Largemouth Bass (Micropterus salmoides)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	327	355	403	381	436	327
Length (inches)	12.87	13.98	15.87	15.00	17.17	12.87
Weight (g)	390	656	936	820	1,164	384
Weight (oz)	13.76	23.14	33.02	28.92	41.06	13.55
Sex/Age	M/5	M/5	M/10	M/7	F/8	M/2
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	11-01-16	11-01-16	11-01-16	11-01-16	11-01-16	11-01-16
Skin on Fillet	N	N	N	N	N	N
Internal Parasites		Slight/Mild				
MERCURY, TOTAL ug/g	1.415	2.922	2.848	1.433	3.212	1.061

	Composite - 6 Fish
Bottle Code: 11/1/2016 CWPB-4 LMB 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	< .1
MERCURY, TOTAL ug/g	2.495
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.199 JI
TOXAPHENE ug/g	< .00002

Baldwin County **Lat/Lon: 30.47833 / -87.80583**

CWPB-4, Cowpen Ck - Cowpen Ck upstream of confluence with the Fish River.

Spotted Sucker (Minytrema melanops)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	384	384	385	444	426	396
Length (inches)	15.12	15.12	15.16	17.48	16.77	15.59
Weight (g)	600	654	596	816	716	670
Weight (oz)	21.16	23.07	21.02	28.78	25.26	23.63
Sex/Age	M	M	M	M	F	M
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	11-01-16	11-01-16	11-01-16	11-01-16	11-01-16	11-01-16
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.658	.638	.594	1.483	.43	.345

	Composite - 6 Fish
Bottle Code: 11/1/2016 CWPB-4 SPS 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.275
MERCURY, TOTAL ug/g	.554
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.334 JI
TOXAPHENE ug/g	< .00002

Sumter County **Lat/Lon: 32.52012 / -87.87478**

DEMS-1, Demopolis Res - Lower reservoir. Deepest point, main river channel, dam forebay.

Blue Catfish (Ictalurus furcatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	544	439	484	435	394	391
Length (inches)	21.42	17.28	19.06	17.13	15.51	15.39
Weight (g)	1,646	708	964	614	464	476
Weight (oz)	58.06	24.97	34.00	21.66	16.37	16.79
Sex/Age	F/7	M/5	M/5	F/3	F/5	M/4
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	10-04-16	10-04-16	10-04-16	10-04-16	10-04-16	10-04-16
Skin on Fillet	N	N	N	N	N	N

	Composite - 6 Fish
Bottle Code: 10/4/2016 DEMS-1 BLC 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.62
MERCURY, TOTAL ug/g	.127
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.0444 JI
TOXAPHENE ug/g	< .00002

Sumter County **Lat/Lon: 32.52012 / -87.87478**

DEMS-1, Demopolis Res - Lower reservoir. Deepest point, main river channel, dam forebay.

Largemouth Bass (Micropterus salmoides)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	435	432	354	340	353	303
Length (inches)	17.13	17.01	13.94	13.39	13.90	11.93
Weight (g)	1,270	1,210	612	576	530	438
Weight (oz)	44.80	42.68	21.59	20.32	18.70	15.45
Sex/Age	M/3	M/4	F/3	F/2	M/5	M/1
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-04-16	10-04-16	10-04-16	10-04-16	10-04-16	10-04-16
Skin on Fillet	N	N	N	N	N	N
Internal Parasites	Moderate					
MERCURY, TOTAL ug/g	.321	.356	.313	.261	.491	.102

	Composite - 6 Fish
Bottle Code: 10/4/2016 DEMS-1 LMB 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	.071 JI
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.37
MERCURY, TOTAL ug/g	.335
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.101 JI
TOXAPHENE ug/g	< .00002

Baldwin County **Lat/Lon: 30.43167 / -87.82361**

FSHB-5, Fish R - Approximately 2 miles upstream of US Hwy 98 bridge in vicinity of Waterhole Br/Fish R confluence just above the two islands.

Largemouth Bass (Micropterus salmoides)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	280	392	330	299	307	295
Length (inches)	11.02	15.43	12.99	11.77	12.09	11.61
Weight (g)	312	1,024	496	392	394	380
Weight (oz)	11.01	36.12	17.50	13.83	13.90	13.40
Sex/Age	M/1	M/5	M/4	M/2	F/2	M/2
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-11-16	10-11-16	10-11-16	10-11-16	10-11-16	10-11-16
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.401	1.109	.471	.451	.505	.399

	Composite - 6 Fish
Bottle Code: 10/11/2016 FSHB-5 LMB 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	.035 JI
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	.452 JI
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.175
MERCURY, TOTAL ug/g	.466
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.128 JI
TOXAPHENE ug/g	< .00002

Baldwin County **Lat/Lon: 30.43167 / -87.82361**

FSHB-5, Fish R - Approximately 2 miles upstream of US Hwy 98 bridge in vicinity of Waterhole Br/Fish R confluence just above the two islands.

Striped Mullet (Mugil cephalus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	343	329	315	324	333	345
Length (inches)	13.50	12.95	12.40	12.76	13.11	13.58
Weight (g)	518	456	392	428	382	532
Weight (oz)	18.27	16.08	13.83	15.10	13.47	18.77
Sex/Age	F/2	F/2	M/2	F/1	M/2	F/2
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-11-16	10-11-16	10-11-16	10-11-16	10-11-16	10-11-16
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	< .056	< .056	< .056	< .056	< .056	< .056

	Composite - 6 Fish	
Bottle Code: 10/11/2016 FSHB-5 STM 01-06		
2,4'-DDD ug/g	< .00037	
2,4'-DDE ug/g	< .00144	
2,4'-DDT ug/g	< .00038	
4,4'-DDD ug/g	< .00046	
4,4'-DDE ug/g	.01	
4,4'-DDT ug/g	< .00037	
AROCHLOR 1016 ug/g	< .048	
AROCHLOR 1221 ug/g	< .125	
AROCHLOR 1232 ug/g	< .125	
AROCHLOR 1242 ug/g	< .125	
AROCHLOR 1248 ug/g	< .125	
AROCHLOR 1254 ug/g	.058	JI
AROCHLOR 1260 ug/g	.028	JI
PCB'S, TOTAL ug/g	.086	JI
ARSENIC, TOTAL ug/g	1.01	
CADMIUM, TOTAL ug/g	< .0079	
CHLORDANE, TOTAL ug/g	< .00001	
CHLORPYRIFOS ug/g	< .00082	
DIELDRIN ug/g	< .00028	
ENDOSULFAN I ug/g	< .00055	
ENDOSULFAN II ug/g	< .00048	
ENDRIN ug/g	< .00078	
HEPTACHLOR ug/g	< .00036	
HEPTACHLOR EPOXIDE ug/g	< .00111	
HEXACHLOROBENZENE ug/g	< .00051	
LINDANE ug/g	< .00178	
LIPIDS %	1.585	
MERCURY, TOTAL ug/g	< .056	
MIREX ug/g	< .00112	
SELENIUM, TOTAL ug/g	.076	JI
TOXAPHENE ug/g	< .00002	

Greene County **Lat/Lon: 32.85588 / -88.15446**

GAIG-1, Gainesville Res - Lower reservoir. Deepest point, main river channel, dam forebay.

Blue Catfish (Ictalurus furcatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	475	460	475	450	405	370
Length (inches)	18.70	18.11	18.70	17.72	15.94	14.57
Weight (g)	908	1,062	1,002	820	586	394
Weight (oz)	32.03	37.46	35.34	28.92	20.67	13.90
Sex/Age	M/10	F/9	F/9	M/6	M/8	F/6
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	10-04-16	10-04-16	10-04-16	10-04-16	10-04-16	10-04-16
Skin on Fillet	N	N	N	N	N	N

	Composite - 6 Fish
Bottle Code: 10/4/2016 GAIG-1 BLC 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.345
MERCURY, TOTAL ug/g	.164
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.0703 JI
TOXAPHENE ug/g	< .00002

Greene County **Lat/Lon: 32.85588 / -88.15446**

GAIG-1, Gainesville Res - Lower reservoir. Deepest point, main river channel, dam forebay.

Largemouth Bass (Micropterus salmoides)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	420	380	355	335	330	335
Length (inches)	16.54	14.96	13.98	13.19	12.99	13.19
Weight (g)	1,198	858	590	582	648	624
Weight (oz)	42.26	30.27	20.81	20.53	22.86	22.01
Sex/Age	F/5	M/3	F/4	M/2	F/2	F/2
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-04-16	10-04-16	10-04-16	10-04-16	10-04-16	10-04-16
Skin on Fillet	N	N	N	N	N	N

	Composite - 6 Fish
Bottle Code: 10/4/2016 GAIG-1 LMB 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	.11 JI
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.545
MERCURY, TOTAL ug/g	.249
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.0798 JI
TOXAPHENE ug/g	< .00002

Marshall County **Lat/Lon: 34.42378 / -86.37447**

TENR-350, Guntersville Res - Dam forebay area. Tennessee River mile 350, downstream of Honeycomb Creek.

Channel Catfish (Ictalurus punctatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	495	530	477	553	540	532
Length (inches)	19.49	20.87	18.78	21.77	21.26	20.94
Weight (g)	1,036	1,420	972	1,690	1,388	1,440
Weight (oz)	36.54	50.09	34.29	59.61	48.96	50.79
Sex/Age	/4	/6	/7	/7	/7	/6
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	10-18-16	10-18-16	10-18-16	10-18-16	10-18-16	10-18-16
Skin on Fillet	N	N	N	N	N	N

	Composite - 6 Fish	
Bottle Code: 10/18/2016 TENR-350 CHC 01-06		
2,4'-DDD ug/g	< .00037	
2,4'-DDE ug/g	< .00144	
2,4'-DDT ug/g	< .00038	
4,4'-DDD ug/g	< .00046	
4,4'-DDE ug/g	.03	
4,4'-DDT ug/g	< .00037	
AROCHLOR 1016 ug/g	< .048	
AROCHLOR 1221 ug/g	< .125	
AROCHLOR 1232 ug/g	< .125	
AROCHLOR 1242 ug/g	< .125	
AROCHLOR 1248 ug/g	< .125	
AROCHLOR 1254 ug/g	.078	JI
AROCHLOR 1260 ug/g	.09	JI
PCB'S, TOTAL ug/g	.168	
ARSENIC, TOTAL ug/g	.066	JI
CADMIUM, TOTAL ug/g	< .0079	
CHLORDANE, TOTAL ug/g	< .00001	
CHLORPYRIFOS ug/g	< .00082	
DIELDRIN ug/g	< .00028	
ENDOSULFAN I ug/g	< .00055	
ENDOSULFAN II ug/g	< .00048	
ENDRIN ug/g	< .00078	
HEPTACHLOR ug/g	< .00036	
HEPTACHLOR EPOXIDE ug/g	< .00111	
HEXACHLOROBENZENE ug/g	< .00051	
LINDANE ug/g	< .00178	
LIPIDS %	4.395	
MERCURY, TOTAL ug/g	< .056	
MIREX ug/g	< .00112	
SELENIUM, TOTAL ug/g	.172	JI
TOXAPHENE ug/g	< .00002	

Marshall County **Lat/Lon: 34.42378 / -86.37447**

TENR-350, Guntersville Res - Dam forebay area. Tennessee River mile 350, downstream of Honeycomb Creek.

Largemouth Bass (Micropterus salmoides)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	392	342	360	355	405	336
Length (inches)	15.43	13.46	14.17	13.98	15.94	13.23
Weight (g)	884	676	672	614	838	562
Weight (oz)	31.18	23.85	23.70	21.66	29.56	19.82
Sex/Age	/2	/2	/2	/2	/5	/2
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-18-16	10-18-16	10-18-16	10-18-16	10-18-16	10-18-16
Skin on Fillet	N	N	N	N	N	N

	Composite - 6 Fish
Bottle Code: 10/18/2016 TENR-350 LMB 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	.029 JI
AROCHLOR 1260 ug/g	.047 JI
PCB'S, TOTAL ug/g	.076 JI
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.34
MERCURY, TOTAL ug/g	< .056
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.389 JI
TOXAPHENE ug/g	< .00002

Jackson County **Lat/Lon: 34.55231 / -86.12161**

TENR-375, Guntersville Res - Guntersville Reservoir, TRM-375 between the confluences of South Sauty Creek and the Tennessee River and North Sauty Creek and the Tennessee River.

Channel Catfish (Ictalurus punctatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	535	550	512	491	580	508
Length (inches)	21.06	21.65	20.16	19.33	22.83	20.00
Weight (g)	1,306	1,750	1,166	1,082	1,764	1,348
Weight (oz)	46.07	61.73	41.13	38.17	62.22	47.55
Sex/Age	/6	/8	/5	/6	/6	/7
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	10-19-16	10-19-16	10-19-16	10-19-16	10-19-16	10-19-16
Skin on Fillet	N	N	N	N	N	N

	Composite - 6 Fish
Bottle Code: 10/19/2016 TENR-375 CHC 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	.06 JI
AROCHLOR 1260 ug/g	.086 JI
PCB'S, TOTAL ug/g	.146
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	3.07
MERCURY, TOTAL ug/g	< .056
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.611 JI
TOXAPHENE ug/g	< .00002

Jackson County **Lat/Lon: 34.55231 / -86.12161**

TENR-375, Guntersville Res - Guntersville Reservoir, TRM-375 between the confluences of South Sauty Creek and the Tennessee River and North Sauty Creek and the Tennessee River.

Largemouth Bass (Micropterus salmoides)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	400	393	370	375	360	377
Length (inches)	15.75	15.47	14.57	14.76	14.17	14.84
Weight (g)	886	964	860	812	724	796
Weight (oz)	31.25	34.00	30.34	28.64	25.54	28.08
Sex/Age	/5	/4	/2	/2	/2	/2
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-19-16	10-19-16	10-19-16	10-19-16	10-19-16	10-19-16
Skin on Fillet	N	N	N	N	N	N

	Composite - 6 Fish
Bottle Code: 10/19/2016 TENR-375 LMB 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	.033 JI
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.26
MERCURY, TOTAL ug/g	< .056
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.68 JI
TOXAPHENE ug/g	< .00002

Randolph County **Lat/Lon: 33.26406 / -85.61267**

RLHR-1, Harris Res - Lower reservoir. Deepest point, main river channel, dam forebay.

Channel Catfish (Ictalurus punctatus)

	Fish 1	Fish 2	Fish 3	Fish 4
Length (mm)	390	325	368	327
Length (inches)	15.35	12.80	14.49	12.87
Weight (g)	422	228	410	322
Weight (oz)	14.89	8.04	14.46	11.36
Sex/Age	M/6	M/4	F/5	F/4
Age Method	Spine	Spine	Spine	Spine
Collection Date	11-08-16	11-08-16	11-08-16	11-08-16
Skin on Fillet	N	N	N	N
MERCURY, TOTAL ug/g	.4	.213	.105	.228

Spotted Bass (Micropterus punctulatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	363	407	297	357	381	325
Length (inches)	14.29	16.02	11.69	14.06	15.00	12.80
Weight (g)	604	776	378	656	720	460
Weight (oz)	21.31	27.37	13.33	23.14	25.40	16.23
Sex/Age	F/2	F/4	M/1	F/3	F/2	M/2
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	11-08-16	11-08-16	11-08-16	11-08-16	11-08-16	11-08-16
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.192	.379	< .056	.2	.36	.142

Blount County **Lat/Lon: 33.83469 / -86.55094**

INLB-1, Inland Res - Lower reservoir. Deepest point, main river channel, dam forebay.

Channel Catfish (Ictalurus punctatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	520	455	405	380	440	380
Length (inches)	20.47	17.91	15.94	14.96	17.32	14.96
Weight (g)	1,438	786	646	572	778	578
Weight (oz)	50.72	27.73	22.79	20.18	27.44	20.39
Sex/Age	M/4	F/4	F/3	F/4	F/3	F/4
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	11-08-16	11-08-16	11-08-16	11-08-16	11-08-16	11-08-16
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.124	.107	< .056	< .056	< .056	< .056

	Composite - 6 Fish
Bottle Code: 11/8/2016 INLB-1 CHC 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	1.61
MERCURY, TOTAL ug/g	< .056
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.114 JI
TOXAPHENE ug/g	< .00002

Blount County **Lat/Lon: 33.83469 / -86.55094**

INLB-1, Inland Res - Lower reservoir. Deepest point, main river channel, dam forebay.

Largemouth Bass (Micropterus salmoides)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	440	450	463	408	371	359
Length (inches)	17.32	17.72	18.23	16.06	14.61	14.13
Weight (g)	1,354	1,346	1,352	762	736	676
Weight (oz)	47.76	47.48	47.69	26.88	25.96	23.85
Sex/Age	F/5	F/6	F/5	F/3	M/3	M/3
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	11-08-16	11-08-16	11-08-16	11-08-16	11-08-16	11-08-16
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.662	.672	.546	.439	.42	.528

	Composite - 6 Fish
Bottle Code: 11/8/2016 INLB-1 LMB 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.245
MERCURY, TOTAL ug/g	.47
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.158 JI
TOXAPHENE ug/g	< .00002

Elmore County **Lat/Lon: 32.62129 / -86.25953**

JORE-1, Jordan Res - Deepest point, main river channel, dam forebay.

Blue Catfish (Ictalurus furcatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	595	370	335	350	299	281
Length (inches)	23.43	14.57	13.19	13.78	11.77	11.06
Weight (g)	1,902	340	272	256	180	148
Weight (oz)	67.09	11.99	9.59	9.03	6.35	5.22
Sex/Age	M/9	M/6	M/7	M/6	M/4	M/4
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	11-16-16	11-16-16	11-16-16	11-16-16	11-16-16	11-16-16
Skin on Fillet	N	N	N	N	N	N

	Composite - 6 Fish
Bottle Code: 11/16/2016 JORE-1 BLC 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.15
MERCURY, TOTAL ug/g	.083 JI
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.07 JI
TOXAPHENE ug/g	< .00002

Elmore County **Lat/Lon: 32.62129 / -86.25953**

JORE-1, Jordan Res - Deepest point, main river channel, dam forebay.

Largemouth Bass (Micropterus salmoides)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	440	340	365	335	314	410
Length (inches)	17.32	13.39	14.37	13.19	12.36	16.14
Weight (g)	1,328	582	784	560	454	1,002
Weight (oz)	46.84	20.53	27.65	19.75	16.01	35.34
Sex/Age	F/5	F/2	M/2	M/2	M/1	M/4
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	11-16-16	11-16-16	11-16-16	11-16-16	11-16-16	11-16-16
Skin on Fillet	N	N	N	N	N	N

	Composite - 6 Fish
Bottle Code: 11/16/2016 JORE-1 LMB 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.595
MERCURY, TOTAL ug/g	.169
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.146 JI
TOXAPHENE ug/g	< .00002

Chilton County **Lat/Lon: 32.96828 / -86.51888**

LAYC-1, Lay Res - Lower reservoir. Deepest point, main river channel, dam forebay.

Blue Catfish (Ictalurus furcatus)

	Fish 1	
Length (mm)	310	
Length (inches)	12.20	
Weight (g)	212	
Weight (oz)	7.48	
Sex/Age	M/3	
Age Method	Otolith	
Collection Date	11-09-16	
Skin on Fillet	N	
2,4'-DDD ug/g	< .00037	
2,4'-DDE ug/g	< .00144	
2,4'-DDT ug/g	< .00038	
4,4'-DDD ug/g	< .00046	
4,4'-DDE ug/g	< .00137	
4,4'-DDT ug/g	< .00037	
AROCHLOR 1016 ug/g	< .048	
AROCHLOR 1221 ug/g	< .125	
AROCHLOR 1232 ug/g	< .125	
AROCHLOR 1242 ug/g	< .125	
AROCHLOR 1248 ug/g	< .125	
AROCHLOR 1254 ug/g	.059	JI
AROCHLOR 1260 ug/g	.079	JI
PCB'S, TOTAL ug/g	.137	
ARSENIC, TOTAL ug/g	< .059	
CADMIUM, TOTAL ug/g	< .0079	
CHLORDANE, TOTAL ug/g	< .00001	
CHLORPYRIFOS ug/g	< .00082	
DIELDRIN ug/g	< .00028	
ENDOSULFAN I ug/g	< .00055	
ENDOSULFAN II ug/g	< .00048	
ENDRIN ug/g	< .00078	
HEPTACHLOR ug/g	< .00036	
HEPTACHLOR EPOXIDE ug/g	< .00111	
HEXACHLOROBENZENE ug/g	< .00051	
LINDANE ug/g	< .00178	
LIPIDS %	.485	
MERCURY, TOTAL ug/g	< .056	
MIREX ug/g	< .00112	
SELENIUM, TOTAL ug/g	.082	JI
TOXAPHENE ug/g	< .00002	

Chilton County **Lat/Lon: 32.96828 / -86.51888**

LAYC-1, Lay Res - Lower reservoir. Deepest point, main river channel, dam forebay.

Channel Catfish (Ictalurus punctatus)

	Fish 1	Fish 2	Fish 3
Length (mm)	290	266	265
Length (inches)	11.42	10.47	10.43
Weight (g)	164	136	140
Weight (oz)	5.78	4.80	4.94
Sex/Age	M/3	M/4	M/3
Age Method	Otolith	Otolith	Otolith
Collection Date	11-09-16	11-09-16	11-09-16
Skin on Fillet	N	N	N
AROCHLOR 1016 ug/g	< .048	< .048	< .048
AROCHLOR 1221 ug/g	< .125	< .125	< .125
AROCHLOR 1232 ug/g	< .125	< .125	< .125
AROCHLOR 1242 ug/g	< .125	< .125	< .125
AROCHLOR 1248 ug/g	< .125	< .125	< .125
AROCHLOR 1254 ug/g	< .027	< .027	< .027
AROCHLOR 1260 ug/g	.032 JI	.079 JI	.034 JI
PCB'S, TOTAL ug/g	.032	.079 JI	.034 JI
LIPIDS %	.36	.325	.18

	Composite - 3 Fish
Bottle Code: 11/9/2016 LAYC-1 CHC 01-03	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.26
MERCURY, TOTAL ug/g	< .056
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.051 JI
TOXAPHENE ug/g	< .00002

Chilton County **Lat/Lon: 32.96828 / -86.51888**

LAYC-1, Lay Res - Lower reservoir. Deepest point, main river channel, dam forebay.

Spotted Bass (Micropterus punctulatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	400	470	363	337	330	355
Length (inches)	15.75	18.50	14.29	13.27	12.99	13.98
Weight (g)	930	1,546	612	478	482	646
Weight (oz)	32.80	54.53	21.59	16.86	17.00	22.79
Sex/Age	F/3	F/5	M/2	F/2	M/2	F/3
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	11-09-16	11-09-16	11-09-16	11-09-16	11-09-16	11-09-16
Skin on Fillet	N	N	N	N	N	N
External Parasites		Slight/Mild				
AROCHLOR 1016 ug/g	< .048	< .048	< .048	< .048	< .048	< .048
AROCHLOR 1221 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1232 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1242 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1248 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1254 ug/g	.419	.196	.203	.133	.091 JI	.094 JI
AROCHLOR 1260 ug/g	.407	.153	.145	.103 JI	.075 JI	.12 JI
PCB'S, TOTAL ug/g	.826	.349	.348	.236	.166	.214
LIPIDS %	1.895	2.29	1.725	.535	1.455	1.115

	Composite - 6 Fish
Bottle Code: 11/9/2016 LAYC-1 SPB 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	.075 JI
AROCHLOR 1260 ug/g	.08 JI
PCB'S, TOTAL ug/g	.155
ARSENIC, TOTAL ug/g	.162 JI
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	1.45
MERCURY, TOTAL ug/g	.102
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.149 JI
TOXAPHENE ug/g	< .00002

Chilton County **Lat/Lon: 32.96828 / -86.51888**

LAYC-1, Lay Res - Lower reservoir. Deepest point, main river channel, dam forebay.

Striped Bass (Morone saxatilis)

	Fish 1	Fish 2
Length (mm)	586	541
Length (inches)	23.07	21.30
Weight (g)	1,678	1,338
Weight (oz)	59.19	47.20
Sex/Age	F/3	M/2
Age Method	Otolith	Otolith
Collection Date	11-09-16	11-09-16
Skin on Fillet	N	N
External Parasites		Slight/Mild
AROCHLOR 1016 ug/g	< .048	< .048
AROCHLOR 1221 ug/g	< .125	< .125
AROCHLOR 1232 ug/g	< .125	< .125
AROCHLOR 1242 ug/g	< .125	< .125
AROCHLOR 1248 ug/g	< .125	< .125
AROCHLOR 1254 ug/g	.377	.348
AROCHLOR 1260 ug/g	.658	.609
PCB'S, TOTAL ug/g	1.035	.958
LIPIDS %	.77	1.745

	Composite - 2 Fish
Bottle Code: 11/9/2016 LAYC-1 STB 01-02	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	.251
AROCHLOR 1260 ug/g	.507
PCB'S, TOTAL ug/g	.758
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	1.18
MERCURY, TOTAL ug/g	.285
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.167 JI
TOXAPHENE ug/g	< .00002

Shelby County **Lat/Lon: 33.27842 / -86.38992**

LAYC-13, Lay Res - Approximately 1.5 mi downstream of US Hwy 280 bridge. Vicinity of Coosa R mile 444.0.Lat/Lon calculated at rm 444.0.

Blue Catfish (Ictalurus furcatus)

	Fish 1	Fish 2
Length (mm)	440	454
Length (inches)	17.32	17.87
Weight (g)	790	810
Weight (oz)	27.87	28.57
Sex/Age	M/6	M/6
Age Method	Spine	Spine
Collection Date	10-11-16	10-11-16
Skin on Fillet	N	N
AROCHLOR 1016 ug/g	< .008	< .008
AROCHLOR 1221 ug/g	< .125	< .125
AROCHLOR 1232 ug/g	< .125	< .125
AROCHLOR 1242 ug/g	< .125	< .125
AROCHLOR 1248 ug/g	< .125	< .125
AROCHLOR 1254 ug/g	.044 JI	.014 JI
AROCHLOR 1260 ug/g	.241	.053 JI
PCB'S, TOTAL ug/g	.285	.067 JI
LIPIDS %	1.92	.11
MERCURY, TOTAL ug/g	.144	.222

	Composite - 2 Fish
Bottle Code: 10/11/2016 LAYC-13 BLC 01-02	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	.004
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	.133
PCB'S, TOTAL ug/g	.133
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111 JI
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.17
MERCURY, TOTAL ug/g	.182
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	< .0424
TOXAPHENE ug/g	< .00002

Shelby County **Lat/Lon: 33.27842 / -86.38992**

LAYC-13, Lay Res - Approximately 1.5 mi downstream of US Hwy 280 bridge. Vicinity of Coosa R mile 444.0.Lat/Lon calculated at rm 444.0.

Channel Catfish (Ictalurus punctatus)

	Fish 1	Fish 2	Fish 3	Fish 4
Length (mm)	472	356	416	330
Length (inches)	18.58	14.02	16.38	12.99
Weight (g)	1,086	370	538	272
Weight (oz)	38.31	13.05	18.98	9.59
Sex/Age	M/5	F/3	F/4	F/4
Age Method	Spine	Spine	Spine	Spine
Collection Date	10-11-16	10-11-16	10-11-16	10-11-16
Skin on Fillet	N	N	N	N
AROCHLOR 1016 ug/g	< .008	< .008	< .008	< .008
AROCHLOR 1221 ug/g	< .125	< .125	< .125	< .125
AROCHLOR 1232 ug/g	< .125	< .125	< .125	< .125
AROCHLOR 1242 ug/g	< .125	< .125	< .125	< .125
AROCHLOR 1248 ug/g	< .125	< .125	< .125	< .125
AROCHLOR 1254 ug/g	.055 JI	.024 JI	.057 JI	.015 JI
AROCHLOR 1260 ug/g	.158	.078 JI	.207	.063 JI
PCB'S, TOTAL ug/g	.213	.102 JI	.264	.078 JI
LIPIDS %	.32	.39	.405	.135
MERCURY, TOTAL ug/g	.18	.489	.449	.272

	Composite - 4 Fish
Bottle Code: 10/11/2016 LAYC-13 CHC 01-04	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	.01
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	.083 JI
AROCHLOR 1260 ug/g	.165
PCB'S, TOTAL ug/g	.248
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.86
MERCURY, TOTAL ug/g	.258
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	< .0424
TOXAPHENE ug/g	< .00002

Shelby County **Lat/Lon: 33.27842 / -86.38992**

LAYC-13, Lay Res - Approximately 1.5 mi downstream of US Hwy 280 bridge. Vicinity of Coosa R mile 444.0.Lat/Lon calculated at rm 444.0.

Spotted Bass (Micropterus punctulatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	355	325	415	380	338	360
Length (inches)	13.98	12.80	16.34	14.96	13.31	14.17
Weight (g)	538	502	878	768	510	576
Weight (oz)	18.98	17.71	30.97	27.09	17.99	20.32
Sex/Age	F/3	F/2	F/4	F/3	F/2	F/3
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-11-16	10-11-16	10-11-16	10-11-16	10-11-16	10-11-16
Skin on Fillet	N	N	N	N	N	N
AROCHLOR 1016 ug/g	< .008	< .008	< .008	< .008	< .008	< .008
AROCHLOR 1221 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1232 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1242 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1248 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1254 ug/g	.048 JI	.06 JI	.067 JI	.054 JI	.035 JI	.045 JI
AROCHLOR 1260 ug/g	.088 JI	.079 JI	.149	.077 JI	.045 JI	.072 JI
PCB'S, TOTAL ug/g	.135	.139	.216	.131	.081 JI	.117 JI
LIPIDS %	.335	.835	.575	.65	.585	.445
MERCURY, TOTAL ug/g	.393	.204	.542	.275	.211	.298

	Composite - 6 Fish
Bottle Code: 10/11/2016 LAYC-13 SPB 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	.006 JI
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	.057 JI
AROCHLOR 1260 ug/g	.095 JI
PCB'S, TOTAL ug/g	.152
ARSENIC, TOTAL ug/g	.16 JI
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.615
MERCURY, TOTAL ug/g	.302
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.084 JI
TOXAPHENE ug/g	< .00002

St Clair County **Lat/Lon: 33.40106 / -86.37039**

LAYC-15, Lay Res - Two Miles downstream of Logan Martin Dam and one half mile downstream of Kelly Creek/Coosa River confluence. Vicinity of Ratcliff/Elliot Island.

Blue Catfish (Ictalurus furcatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	438	436	455	435	437	428
Length (inches)	17.24	17.17	17.91	17.13	17.20	16.85
Weight (g)	642	740	850	694	736	640
Weight (oz)	22.65	26.10	29.98	24.48	25.96	22.58
Sex/Age	F/6	F/6	F/5	M/6	M/5	F/5
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	10-11-16	10-11-16	10-11-16	10-11-16	10-11-16	10-11-16
Skin on Fillet	N	N	N	N	N	N
AROCHLOR 1016 ug/g	< .008	< .048	< .048	< .048	< .048	< .048
AROCHLOR 1221 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1232 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1242 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1248 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1254 ug/g	.056 JI	< .027	.027 JI	< .027	.036 JI	< .027
AROCHLOR 1260 ug/g	.067 JI	.052 JI	.057 JI	.049 JI	.09 JI	.063 JI
PCB'S, TOTAL ug/g	.123 JI	.052 JI	.084 JI	.049 JI	.126	.063 JI
LIPIDS %	.245	.1	.285	< .1	.255	< .1
MERCURY, TOTAL ug/g	.297	.263	.305	.254	.274	.242

	Composite - 6 Fish
Bottle Code: 10/11/2016 LAYC-15 BLC 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	.027 JI
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.185
MERCURY, TOTAL ug/g	.274
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.067 JI
TOXAPHENE ug/g	< .00002

St Clair County **Lat/Lon: 33.40106 / -86.37039**

LAYC-15, Lay Res - Two Miles downstream of Logan Martin Dam and one half mile downstream of Kelly Creek/Coosa River confluence. Vicinity of Ratcliff/Elliot Island.

Spotted Bass (Micropterus punctulatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	388	474	417	335	339	461
Length (inches)	15.28	18.66	16.42	13.19	13.35	18.15
Weight (g)	788	1,260	930	476	450	1,194
Weight (oz)	27.80	44.45	32.80	16.79	15.87	42.12
Sex/Age	M/3	M/6	M/4	F/2	F/2	F/6
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-11-16	10-11-16	10-11-16	10-11-16	10-11-16	10-11-16
Skin on Fillet	N	N	N	N	N	N
AROCHLOR 1016 ug/g	< .048	< .048	< .048	< .048	< .048	< .048
AROCHLOR 1221 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1232 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1242 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1248 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1254 ug/g	.094 JI	.198	.097 JI	.079 JI	.045 JI	.173
AROCHLOR 1260 ug/g	.128	.412	.162	.1 JI	.064 JI	.545
PCB'S, TOTAL ug/g	.222	.61	.259	.179	.109 JI	.718
LIPIDS %	.585	.875	.415	.705	.185	.55
MERCURY, TOTAL ug/g	.507	1.066	.567	.302	.361	.701

	Composite - 6 Fish
Bottle Code: 10/11/2016 LAYC-15 SPB 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	.026
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	.113 JI
AROCHLOR 1260 ug/g	.343
PCB'S, TOTAL ug/g	.456
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.54
MERCURY, TOTAL ug/g	.52
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.221 JI
TOXAPHENE ug/g	< .00002

St Clair County **Lat/Lon: 33.40106 / -86.37039**

LAYC-15, Lay Res - Two Miles downstream of Logan Martin Dam and one half mile downstream of Kelly Creek/Coosa River confluence. Vicinity of Ratcliff/Elliot Island.

Striped Bass (Morone saxatilis)

	Fish 1	Fish 2
Length (mm)	505	560
Length (inches)	19.88	22.05
Weight (g)	1,690	1,960
Weight (oz)	59.61	69.14
Sex/Age	F/2	F/3
Age Method	Otolith	Otolith
Collection Date	10-11-16	10-11-16
Skin on Fillet	N	N
AROCHLOR 1016 ug/g	< .048	< .048
AROCHLOR 1221 ug/g	< .125	< .125
AROCHLOR 1232 ug/g	< .125	< .125
AROCHLOR 1242 ug/g	< .125	< .125
AROCHLOR 1248 ug/g	< .125	< .125
AROCHLOR 1254 ug/g	.315	.548
AROCHLOR 1260 ug/g	.421	.366
PCB'S, TOTAL ug/g	.736	.914
LIPIDS %	3.775	3.115
MERCURY, TOTAL ug/g	.208	.192

	Composite - 2 Fish
Bottle Code: 10/11/2016 LAYC-15 STB 01-02	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	.014
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	.309
AROCHLOR 1260 ug/g	.303
PCB'S, TOTAL ug/g	.612
ARSENIC, TOTAL ug/g	.097 JI
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	3.93
MERCURY, TOTAL ug/g	.195
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.226 JI
TOXAPHENE ug/g	< .00002

St Clair County **Lat/Lon: 33.43158 / -86.33055**

LOGS-1, Logan Martin Res - Lower reservoir. Deepest point, main river channel, dam forebay.

Black Crappie (Pomoxis nigromaculatus)

	Fish 1	Fish 2	Fish 3	Fish 4
Length (mm)	305	323	326	303
Length (inches)	12.01	12.72	12.83	11.93
Weight (g)	510	620	584	478
Weight (oz)	17.99	21.87	20.60	16.86
Sex/Age	F/3	F/3	F/3	F/5
Age Method	Otolith	Otolith	Otolith	Otolith
Collection Date	10-12-16	10-12-16	10-12-16	10-12-16
Skin on Fillet	N	N	N	N
AROCHLOR 1016 ug/g	< .048	< .048	< .048	< .048
AROCHLOR 1221 ug/g	< .125	< .125	< .125	< .125
AROCHLOR 1232 ug/g	< .125	< .125	< .125	< .125
AROCHLOR 1242 ug/g	< .125	< .125	< .125	< .125
AROCHLOR 1248 ug/g	< .125	< .125	< .125	< .125
AROCHLOR 1254 ug/g	.302	.39	.417	.406
AROCHLOR 1260 ug/g	.17	.254	.237	.259
PCB'S, TOTAL ug/g	.472	.644	.654	.665
LIPIDS %	1.445	2.07	2.125	1.96

	Composite - 4 Fish
Bottle Code: 10/12/2016 LOGS-1 BCR 01-04	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	.18
AROCHLOR 1260 ug/g	.21
PCB'S, TOTAL ug/g	.39
ARSENIC, TOTAL ug/g	.119 JI
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	1.345
MERCURY, TOTAL ug/g	< .056
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.25 JI
TOXAPHENE ug/g	< .00002

St Clair County **Lat/Lon: 33.43158 / -86.33055**

LOGS-1, Logan Martin Res - Lower reservoir. Deepest point, main river channel, dam forebay.

Blue Catfish (Ictalurus furcatus)

	Fish 1	Fish 2	Fish 3	Fish 4
Length (mm)	494	380	551	411
Length (inches)	19.45	14.96	21.69	16.18
Weight (g)	976	372	1,496	606
Weight (oz)	34.43	13.12	52.77	21.38
Sex/Age	M/6	M/5	F/14	F/9
Age Method	Spine	Spine	Spine	Spine
Collection Date	10-12-16	10-12-16	10-12-16	10-12-16
Skin on Fillet	N	N	N	N
AROCHLOR 1016 ug/g	< .048	< .048	< .048	< .048
AROCHLOR 1221 ug/g	< .125	< .125	< .125	< .125
AROCHLOR 1232 ug/g	< .125	< .125	< .125	< .125
AROCHLOR 1242 ug/g	< .125	< .125	< .125	< .125
AROCHLOR 1248 ug/g	< .125	< .125	< .125	< .125
AROCHLOR 1254 ug/g	.052 JI	.046 JI	.154	.065 JI
AROCHLOR 1260 ug/g	.157	.151	.188	.11 JI
PCB'S, TOTAL ug/g	.209	.197	.342	.175
LIPIDS %	.18	.195	.245	< .1

	Composite - 4 Fish
Bottle Code: 10/12/2016 LOGS-1 BLC 01-04	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	.157
PCB'S, TOTAL ug/g	.157
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.22
MERCURY, TOTAL ug/g	< .056 JI
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.066 JI
TOXAPHENE ug/g	< .00002

St Clair County **Lat/Lon: 33.43158 / -86.33055**

LOGS-1, Logan Martin Res - Lower reservoir. Deepest point, main river channel, dam forebay.

Channel Catfish (Ictalurus punctatus)

	Fish 1	Fish 2	Fish 3
Length (mm)	286	311	292
Length (inches)	11.26	12.24	11.50
Weight (g)	174	248	174
Weight (oz)	6.14	8.75	6.14
Sex/Age	M/4	M/4	M/4
Age Method	Spine	Spine	Spine
Collection Date	10-12-16	10-12-16	10-12-16
Skin on Fillet	N	N	N
AROCHLOR 1016 ug/g	< .048	< .048	< .048
AROCHLOR 1221 ug/g	< .125	< .125	< .125
AROCHLOR 1232 ug/g	< .125	< .125	< .125
AROCHLOR 1242 ug/g	< .125	< .125	< .125
AROCHLOR 1248 ug/g	< .125	< .125	< .125
AROCHLOR 1254 ug/g	.041 JI	.125	< .027
AROCHLOR 1260 ug/g	.09 JI	.16	.057 JI
PCB'S, TOTAL ug/g	.131	.285	.057 JI
LIPIDS %	.2	.205	.125

	Composite - 3 Fish
Bottle Code: 10/12/2016 LOGS-1 CHC 01-03	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	.054
AROCHLOR 1260 ug/g	.101
PCB'S, TOTAL ug/g	.155
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.26
MERCURY, TOTAL ug/g	< .056
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.072 JI
TOXAPHENE ug/g	< .00002

St Clair County **Lat/Lon: 33.43158 / -86.33055**

LOGS-1, Logan Martin Res - Lower reservoir. Deepest point, main river channel, dam forebay.

Spotted Bass (Micropterus punctulatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	421	362	340	350	402	348
Length (inches)	16.57	14.25	13.39	13.78	15.83	13.70
Weight (g)	842	600	630	526	832	590
Weight (oz)	29.70	21.16	22.22	18.55	29.35	20.81
Sex/Age	F/4	F/2	F/2	F/3	F/3	F/2
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-12-16	10-12-16	10-12-16	10-12-16	10-12-16	10-12-16
Skin on Fillet	N	N	N	N	N	N
AROCHLOR 1016 ug/g	< .008	< .008	< .008	< .008	< .008	< .008
AROCHLOR 1221 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1232 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1242 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1248 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1254 ug/g	.321	.129	.053 JI	.111 JI	.048 JI	.072 JI
AROCHLOR 1260 ug/g	.734	.187	.067 JI	.21	.137	.093 JI
PCB'S, TOTAL ug/g	1.055	.316	.12 JI	.321	.186	.165
LIPIDS %	.405	1.1	.54	.99	.165	.895

	Composite - 6 Fish
Bottle Code: 10/12/2016 LOGS-1 SPB 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	.007 JI
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	.148
AROCHLOR 1260 ug/g	.187
PCB'S, TOTAL ug/g	.335
ARSENIC, TOTAL ug/g	.118 JI
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.93
MERCURY, TOTAL ug/g	< .056
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.124 JI
TOXAPHENE ug/g	< .00002

St Clair County **Lat/Lon: 33.43158 / -86.33055**

LOGS-1, Logan Martin Res - Lower reservoir. Deepest point, main river channel, dam forebay.

Striped Bass (Morone saxatilis)

	Fish 1	
Length (mm)	526	
Length (inches)	20.71	
Weight (g)	1,172	
Weight (oz)	41.34	
Sex/Age	F/2	
Age Method	Otolith	
Collection Date	10-12-16	
Skin on Fillet	N	
2,4'-DDD ug/g	< .00037	
2,4'-DDE ug/g	< .00144	
2,4'-DDT ug/g	< .00038	
4,4'-DDD ug/g	< .00046	
4,4'-DDE ug/g	< .00137	
4,4'-DDT ug/g	< .00037	
AROCHLOR 1016 ug/g	< .048	
AROCHLOR 1221 ug/g	< .125	
AROCHLOR 1232 ug/g	< .125	
AROCHLOR 1242 ug/g	< .125	
AROCHLOR 1248 ug/g	< .125	
AROCHLOR 1254 ug/g	.392	
AROCHLOR 1260 ug/g	.886	
PCB'S, TOTAL ug/g	1.278	
ARSENIC, TOTAL ug/g	< .059	
CADMIUM, TOTAL ug/g	< .0079	
CHLORDANE, TOTAL ug/g	< .00001	
CHLORPYRIFOS ug/g	< .00082	
DIELDRIN ug/g	< .00028	
ENDOSULFAN I ug/g	< .00055	
ENDOSULFAN II ug/g	< .00048	
ENDRIN ug/g	< .00078	
HEPTACHLOR ug/g	< .00036	
HEPTACHLOR EPOXIDE ug/g	< .00111	
HEXACHLOROBENZENE ug/g	< .00051	
LINDANE ug/g	< .00178	
LIPIDS %	1.975	
MERCURY, TOTAL ug/g	.139	
MIREX ug/g	< .00112	
SELENIUM, TOTAL ug/g	.186	JI
TOXAPHENE ug/g	< .00002	

St Clair County **Lat/Lon: 33.71289 / -86.11956**

LOGS-18, Logan Martin Res - Logan Martin Res at Ragland near the confluence of Aker Ck, Alabama Power Reservoir mile 40.0.

Black Crappie (Pomoxis nigromaculatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	326	266	272	255	277	243
Length (inches)	12.83	10.47	10.71	10.04	10.91	9.57
Weight (g)	524	306	330	300	370	244
Weight (oz)	18.48	10.79	11.64	10.58	13.05	8.61
Sex/Age	F/6	F/2	M/2	M/3	M/2	M/2
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-12-16	10-12-16	10-12-16	10-12-16	10-12-16	10-12-16
Skin on Fillet	N	N	N	N	N	N
AROCHLOR 1016 ug/g	< .008	< .008	< .008	< .008	< .008	< .008
AROCHLOR 1221 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1232 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1242 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1248 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1254 ug/g	.053 JI	.019 JI	< .016	.077 JI	.075 JI	< .016
AROCHLOR 1260 ug/g	.056 JI	.04 JI	< .016	.027 JI	.032 JI	< .016
PCB'S, TOTAL ug/g	.109 JI	.059 JI	< .048	.104 JI	.107 JI	< .048
LIPIDS %	.595	.545	.125	.98	.4	.17

	Composite - 6 Fish
Bottle Code: 10/12/2016 LOGS-18 BCR 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	.045 JI
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	.16 JI
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.545
MERCURY, TOTAL ug/g	< .056
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	< .0424
TOXAPHENE ug/g	< .00002

St Clair County **Lat/Lon: 33.71289 / -86.11956**

LOGS-18, Logan Martin Res - Logan Martin Res at Ragland near the confluence of Aker Ck, Alabama Power Reservoir mile 40.0.

Blue Catfish (Ictalurus furcatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	700	672	651	610	625	636
Length (inches)	27.56	26.46	25.63	24.02	24.61	25.04
Weight (g)	4,600	3,240	2,568	2,168	2,452	2,548
Weight (oz)	162.26	114.29	90.58	76.47	86.49	89.88
Sex/Age	F/10	F/11	F/9	M/7	M/10	F/11
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	10-12-16	10-12-16	10-12-16	10-12-16	10-12-16	10-12-16
Skin on Fillet	N	N	N	N	N	N
AROCHLOR 1016 ug/g	< .008	< .008	< .008	< .008	< .008	< .008
AROCHLOR 1221 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1232 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1242 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1248 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1254 ug/g	.461	.601	.335	.47	.284	1.918
AROCHLOR 1260 ug/g	.295	.319	.132	.263	.198	3.264
PCB'S, TOTAL ug/g	.755	.921	.467	.734	.482	5.182
LIPIDS %	1.225	1.225	.655	.935	.31	1.21

	Composite - 6 Fish
Bottle Code: 10/12/2016 LOGS-18 BLC 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	.018
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	.211
AROCHLOR 1260 ug/g	.648
PCB'S, TOTAL ug/g	.859
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	1.04
MERCURY, TOTAL ug/g	.167
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.074 JI
TOXAPHENE ug/g	< .00002

St Clair County **Lat/Lon: 33.71289 / -86.11956**

LOGS-18, Logan Martin Res - Logan Martin Res at Ragland near the confluence of Aker Ck, Alabama Power Reservoir mile 40.0.

Spotted Bass (Micropterus punctulatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	446	336	383	355	447	339
Length (inches)	17.56	13.23	15.08	13.98	17.60	13.35
Weight (g)	1,260	534	846	540	1,126	576
Weight (oz)	44.45	18.84	29.84	19.05	39.72	20.32
Sex/Age	F/4	F/2	M/3	F/3	F/4	M/2
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-12-16	10-12-16	10-12-16	10-12-16	10-12-16	10-12-16
Skin on Fillet	N	N	N	N	N	N
AROCHLOR 1016 ug/g	< .008	< .008	< .008	< .008	< .008	< .008
AROCHLOR 1221 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1232 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1242 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1248 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1254 ug/g	.662	.065 JI	.155	.141	.079 JI	.085 JI
AROCHLOR 1260 ug/g	.895	.038 JI	.077 JI	.062 JI	.068 JI	.044 JI
PCB'S, TOTAL ug/g	1.557	.103 JI	.232	.203	.147 JI	.129
LIPIDS %	.5	.19	.555	.42	.395	.49

	Composite - 6 Fish
Bottle Code: 10/12/2016 LOGS-18 SPB 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	.065 JI
AROCHLOR 1260 ug/g	.06 JI
PCB'S, TOTAL ug/g	.125
ARSENIC, TOTAL ug/g	.067 JI
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.4
MERCURY, TOTAL ug/g	< .056
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.178 JI
TOXAPHENE ug/g	< .00002

St Clair County **Lat/Lon: 33.71289 / -86.11956**

LOGS-18, Logan Martin Res - Logan Martin Res at Ragland near the confluence of Aker Ck, Alabama Power Reservoir mile 40.0.

Striped Bass (Morone saxatilis)

	Fish 1	Fish 2	Fish 3
Length (mm)	534	612	530
Length (inches)	21.02	24.09	20.87
Weight (g)	1,496	1,962	1,610
Weight (oz)	52.77	69.21	56.79
Sex/Age	F/2	F/3	F/2
Age Method	Otolith	Otolith	Otolith
Collection Date	10-12-16	10-12-16	10-12-16
Skin on Fillet	N	N	N
AROCHLOR 1016 ug/g	< .008	< .008	< .008
AROCHLOR 1221 ug/g	< .125	< .125	< .125
AROCHLOR 1232 ug/g	< .125	< .125	< .125
AROCHLOR 1242 ug/g	< .125	< .125	< .125
AROCHLOR 1248 ug/g	< .125	< .125	< .125
AROCHLOR 1254 ug/g	.368	.711	.517
AROCHLOR 1260 ug/g	.155	.61	.144
PCB'S, TOTAL ug/g	.523	1.321	.66
LIPIDS %	1.09	1.115	1.55

	Composite - 3 Fish
Bottle Code: 10/12/2016 LOGS-18 STB 01-03	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	.009 JI
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	.167
AROCHLOR 1260 ug/g	.249
PCB'S, TOTAL ug/g	.416
ARSENIC, TOTAL ug/g	.079 JI
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	1.555
MERCURY, TOTAL ug/g	.095 JI
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.205 JI
TOXAPHENE ug/g	< .00002

Baldwin County **Lat/Lon: 30.39669 / -87.78344**

MGRB-8, Magnolia R - Magnolia River approximately 2.5 miles upstream of Weeks Bay. Area just upstream of Weeks Creek/Magnolia River confluence.

Largemouth Bass (Micropterus salmoides)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	471	243	277	338	289	296
Length (inches)	18.54	9.57	10.91	13.31	11.38	11.65
Weight (g)	1,570	182	264	606	356	312
Weight (oz)	55.38	6.42	9.31	21.38	12.56	11.01
Sex/Age	F/6	M/1	F/1	M/2	M/2	M/2
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-12-16	10-12-16	10-12-16	10-12-16	10-12-16	10-12-16
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	3.489	.287	1.021	.655	1.133	.928

	Composite - 6 Fish
Bottle Code: 10/12/2016 MGRB-8 LMB 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	.004 JI
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	.033 JI
AROCHLOR 1260 ug/g	.029 JI
PCB'S, TOTAL ug/g	.062 JI
ARSENIC, TOTAL ug/g	.265 JI
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.2
MERCURY, TOTAL ug/g	1.477
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.139 JI
TOXAPHENE ug/g	< .00002

Baldwin County **Lat/Lon: 30.39669 / -87.78344**

MGRB-8, Magnolia R - Magnolia River approximately 2.5 miles upstream of Weeks Bay. Area just upstream of Weeks Creek/Magnolia River confluence.

Striped Mullet (Mugil cephalus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	395	352	369	355	311	342
Length (inches)	15.55	13.86	14.53	13.98	12.24	13.46
Weight (g)	630	458	552	538	346	430
Weight (oz)	22.22	16.16	19.47	18.98	12.20	15.17
Sex/Age	F/2	F/2	F/2	F/2	F/1	F/2
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-12-16	10-12-16	10-12-16	10-12-16	10-12-16	10-12-16
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.137	.085 JI	.1	.113	< .056	< .056

	Composite - 6 Fish
Bottle Code: 10/12/2016 MGRB-8 STM 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	.096 JI
AROCHLOR 1260 ug/g	.044 JI
PCB'S, TOTAL ug/g	.14
ARSENIC, TOTAL ug/g	.567
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	1.605
MERCURY, TOTAL ug/g	.099 JI
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.101 JI
TOXAPHENE ug/g	< .00002

Baldwin County **Lat/Lon: 30.96589 / -87.95983**

MDRM-1, Middle R - Middle R, 4.5 miles above its confluence with the Tensaw R. T1S R1E S15 NE1/4.

Channel Catfish (Ictalurus punctatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	348	392	320	320	372	341
Length (inches)	13.70	15.43	12.60	12.60	14.65	13.43
Weight (g)	322	422	222	242	412	306
Weight (oz)	11.36	14.89	7.83	8.54	14.53	10.79
Sex/Age	M/4	M/4	M/5	F/3	F/5	F/4
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	11-15-16	11-15-16	11-15-16	11-15-16	11-15-16	11-15-16
Skin on Fillet	N	N	N	N	N	N
Internal Parasites		Slight/Mild	Slight/Mild			
MERCURY, TOTAL ug/g	< .056	.129	< .056	< .056	< .056	.194

	Composite - 6 Fish
Bottle Code: 11/15/2016 MDRM-1 CHC 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.22
MERCURY, TOTAL ug/g	.093 JI
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.06 JI
TOXAPHENE ug/g	< .00002

Baldwin County **Lat/Lon: 30.96589 / -87.95983**

MDRM-1, Middle R - Middle R, 4.5 miles above its confluence with the Tensaw R. T1S R1E S15 NE1/4.

Largemouth Bass (Micropterus salmoides)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	484	455	392	395	347	418
Length (inches)	19.06	17.91	15.43	15.55	13.66	16.46
Weight (g)	1,454	1,134	892	902	592	1,148
Weight (oz)	51.29	40.00	31.46	31.82	20.88	40.49
Sex/Age	F/6	F/9	F/5	M/3	F/3	F/4
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	11-15-16	11-15-16	11-15-16	11-15-16	11-15-16	11-15-16
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.514	.681	.304	.208	.23	.288

	Composite - 6 Fish
Bottle Code: 11/15/2016 MDRM-1 LMB 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.1
MERCURY, TOTAL ug/g	.357
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.123 JI
TOXAPHENE ug/g	< .00002

Baldwin County **Lat/Lon: 30.95186 / -87.91817**

MFFB-1, Mifflin SL - Mifflin Lake, between the Middle and Tensaw Rivers; T1S, R2E, S19, NW quarter.

Blue Catfish (Ictalurus furcatus)

	Fish 1	
Length (mm)	697	
Length (inches)	27.44	
Weight (g)	3,946	
Weight (oz)	139.19	
Sex/Age	F/10	
Age Method	Spine	
Collection Date	11-15-16	
Skin on Fillet	N	
2,4'-DDD ug/g	< .00037	
2,4'-DDE ug/g	< .00144	
2,4'-DDT ug/g	< .00038	
4,4'-DDD ug/g	< .00046	
4,4'-DDE ug/g	< .00137	
4,4'-DDT ug/g	< .00037	
AROCHLOR 1016 ug/g	< .048	
AROCHLOR 1221 ug/g	< .125	
AROCHLOR 1232 ug/g	< .125	
AROCHLOR 1242 ug/g	< .125	
AROCHLOR 1248 ug/g	< .125	
AROCHLOR 1254 ug/g	< .027	
AROCHLOR 1260 ug/g	< .012	
PCB'S, TOTAL ug/g	< .048	
ARSENIC, TOTAL ug/g	< .059	
CADMIUM, TOTAL ug/g	< .0079	
CHLORDANE, TOTAL ug/g	< .00001	
CHLORPYRIFOS ug/g	< .00082	
DIELDRIN ug/g	< .00028	
ENDOSULFAN I ug/g	< .00055	
ENDOSULFAN II ug/g	< .00048	
ENDRIN ug/g	< .00078	
HEPTACHLOR ug/g	< .00036	
HEPTACHLOR EPOXIDE ug/g	< .00111	
HEXACHLOROBENZENE ug/g	< .00051	
LINDANE ug/g	< .00178	
LIPIDS %	1.615	
MERCURY, TOTAL ug/g	.339	
MIREX ug/g	< .00112	
SELENIUM, TOTAL ug/g	.057	JI
TOXAPHENE ug/g	< .00002	

Baldwin County **Lat/Lon: 30.95186 / -87.91817**

MFFB-1, Mifflin SL - Mifflin Lake, between the Middle and Tensaw Rivers; T1S, R2E, S19, NW quarter.

Channel Catfish (Ictalurus punctatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5
Length (mm)	360	320	350	415	385
Length (inches)	14.17	12.60	13.78	16.34	15.16
Weight (g)	322	254	350	724	524
Weight (oz)	11.36	8.96	12.35	25.54	18.48
Sex/Age	M/5	M/5	F/5	F/7	M/6
Age Method	Spine	Spine	Spine	Spine	Spine
Collection Date	11-15-16	11-15-16	11-15-16	11-15-16	11-15-16
Skin on Fillet	N	N	N	N	N
MERCURY, TOTAL ug/g	< .056	< .056	< .056	.103	.131

	Composite - 5 Fish
Bottle Code: 11/15/2016 MFFB-1 CHC 01-05	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.48
MERCURY, TOTAL ug/g	.112
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	< .0424
TOXAPHENE ug/g	< .00002

Baldwin County **Lat/Lon: 30.95186 / -87.91817**

MFFB-1, Mifflin SL - Mifflin Lake, between the Middle and Tensaw Rivers; T1S, R2E, S19, NW quarter.

Largemouth Bass (Micropterus salmoides)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	330	370	360	380	320	305
Length (inches)	12.99	14.57	14.17	14.96	12.60	12.01
Weight (g)	470	806	640	816	440	382
Weight (oz)	16.58	28.43	22.58	28.78	15.52	13.47
Sex/Age	F/3	F/4	F/3	M/6	M/4	F/2
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	11-15-16	11-15-16	11-15-16	11-15-16	11-15-16	11-15-16
Skin on Fillet	N	N	N	N	N	N
Internal Parasites		Slight/Mild				
MERCURY, TOTAL ug/g	.318	.315	.304	.421	.302	.119

	Composite - 6 Fish	
Bottle Code: 11/15/2016 MFFB-1 LMB 01-06		
2,4'-DDD ug/g	< .00037	
2,4'-DDE ug/g	< .00144	
2,4'-DDT ug/g	< .00038	
4,4'-DDD ug/g	< .00046	
4,4'-DDE ug/g	< .00137	
4,4'-DDT ug/g	< .00037	
AROCHLOR 1016 ug/g	< .048	
AROCHLOR 1221 ug/g	< .125	
AROCHLOR 1232 ug/g	< .125	
AROCHLOR 1242 ug/g	< .125	
AROCHLOR 1248 ug/g	< .125	
AROCHLOR 1254 ug/g	< .027	
AROCHLOR 1260 ug/g	< .012	
PCB'S, TOTAL ug/g	< .048	
ARSENIC, TOTAL ug/g	< .059	
CADMIUM, TOTAL ug/g	< .0079	JQ1
CHLORDANE, TOTAL ug/g	< .00001	
CHLORPYRIFOS ug/g	< .00082	
DIELDRIN ug/g	< .00028	
ENDOSULFAN I ug/g	< .00055	
ENDOSULFAN II ug/g	< .00048	
ENDRIN ug/g	< .00078	
HEPTACHLOR ug/g	< .00036	
HEPTACHLOR EPOXIDE ug/g	< .00111	
HEXACHLOROBENZENE ug/g	< .00051	
LINDANE ug/g	< .00178	
LIPIDS %	.12	
MERCURY, TOTAL ug/g	.26	
MIREX ug/g	< .00112	
SELENIUM, TOTAL ug/g	.107	JI
TOXAPHENE ug/g	< .00002	

Coosa County **Lat/Lon: 32.81065 / -86.44197**

MITC-1, Mitchell Res - Lower reservoir. Deepest point, main river channel, dam forebay.

Blue Catfish (Ictalurus furcatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	357	358	281	268	257	267
Length (inches)	14.06	14.09	11.06	10.55	10.12	10.51
Weight (g)	348	308	142	144	120	130
Weight (oz)	12.28	10.86	5.01	5.08	4.23	4.59
Sex/Age	F/7	M/6	M/4	M/4	M/4	F/3
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	11-16-16	11-16-16	11-16-16	11-16-16	11-16-16	11-16-16
Skin on Fillet	N	N	N	N	N	N

	Composite - 6 Fish
Bottle Code: 11/16/2016 MITC-1 BLC 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.13
MERCURY, TOTAL ug/g	< .056
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.1 JI
TOXAPHENE ug/g	< .00002

Coosa County **Lat/Lon: 32.81065 / -86.44197**

MITC-1, Mitchell Res - Lower reservoir. Deepest point, main river channel, dam forebay.

Largemouth Bass (Micropterus salmoides)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	373	415	394	400	398	392
Length (inches)	14.69	16.34	15.51	15.75	15.67	15.43
Weight (g)	936	968	858	817	762	734
Weight (oz)	33.02	34.15	30.27	28.82	26.88	25.89
Sex/Age	M/2	F/3	F/3	M/4	F/6	M/2
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	11-16-16	11-16-16	11-16-16	11-16-16	11-16-16	11-16-16
Skin on Fillet	N	N	N	N	N	N
Lesions		Slight/Mild				

	Composite - 6 Fish
Bottle Code: 11/16/2016 MITC-1 LMB 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.25
MERCURY, TOTAL ug/g	.115
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.14 JI
TOXAPHENE ug/g	< .00002

Mobile County **Lat/Lon: 30.98764 / -87.99306**

MOBM-5, Mobile R - Mobile River at Cold Creek, river mile 27.0.

Black Crappie (Pomoxis nigromaculatus)

	Fish 1	Fish 2	Fish 3
Length (mm)	296	250	247
Length (inches)	11.65	9.84	9.72
Weight (g)	474	230	214
Weight (oz)	16.72	8.11	7.55
Sex/Age	M/4	M/3	F/3
Age Method	Otolith	Otolith	Otolith
Collection Date	10-24-16	10-24-16	10-24-16
Skin on Fillet	N	N	N
MERCURY, TOTAL ug/g	.253	.497	.409

	Composite - 3 Fish
Bottle Code: 10/24/2016 MOBM-5 BCR 01-03	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	.051 JI
PCB'S, TOTAL ug/g	.051
ARSENIC, TOTAL ug/g	.079 JI
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.128
MERCURY, TOTAL ug/g	.322
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.181 JI
TOXAPHENE ug/g	< .00002

Mobile County **Lat/Lon: 30.98764 / -87.99306**

MOBM-5, Mobile R - Mobile River at Cold Creek, river mile 27.0.

Bluegill (Lepomis macrochirus)

	Fish 1	Fish 2	Fish 3
Length (mm)	189	184	202
Length (inches)	7.44	7.24	7.95
Weight (g)	118	120	156
Weight (oz)	4.16	4.23	5.50
Sex/Age	M/3	M/3	M/3
Age Method	Otolith	Otolith	Otolith
Collection Date	10-24-16	10-24-16	10-24-16
Skin on Fillet	N	N	N
MERCURY, TOTAL ug/g	.517	.348	.385

	Composite - 3 Fish
Bottle Code: 10/24/2016 MOBM-5 BLG 01-03	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	.003
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	.04 JI
PCB'S, TOTAL ug/g	.04
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.31
MERCURY, TOTAL ug/g	.205
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.22 JI
TOXAPHENE ug/g	< .00002

Mobile County **Lat/Lon: 30.98764 / -87.99306**

MOBM-5, Mobile R - Mobile River at Cold Creek, river mile 27.0.

Channel Catfish (Ictalurus punctatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	475	456	491	366	368	360
Length (inches)	18.70	17.95	19.33	14.41	14.49	14.17
Weight (g)	994	854	1,096	418	452	324
Weight (oz)	35.06	30.12	38.66	14.74	15.94	11.43
Sex/Age	M/6	M/5	M/5	F/5	M/6	F/5
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	10-24-16	10-24-16	10-24-16	10-24-16	10-24-16	10-24-16
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.332	.105	.274	.308	.196	.34

	Composite - 6 Fish
Bottle Code: 10/24/2016 MOBM-5 CHC 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	.005 JI
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	.014 JI
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.535
MERCURY, TOTAL ug/g	.196
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.024 JI
TOXAPHENE ug/g	< .00002

Mobile County **Lat/Lon: 30.98764 / -87.99306**

MOBM-5, Mobile R - Mobile River at Cold Creek, river mile 27.0.

Largemouth Bass (Micropterus salmoides)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	346	362	333	390	390	332
Length (inches)	13.62	14.25	13.11	15.35	15.35	13.07
Weight (g)	546	646	492	794	738	458
Weight (oz)	19.26	22.79	17.35	28.01	26.03	16.16
Sex/Age	M/3	M/4	M/2	F/3	F/5	F/2
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-24-16	10-24-16	10-24-16	10-24-16	10-24-16	10-24-16
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.31	.566	.675	.562	.569	.729

	Composite - 6 Fish
Bottle Code: 10/24/2016 MOBM-5 LMB 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	.01 JI
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	< .1
MERCURY, TOTAL ug/g	.518
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.161 JI
TOXAPHENE ug/g	< .00002

Mobile County **Lat/Lon: 31.09292 / -87.97311**

MOBM-6, Mobile R - Mobile River at David Lake, river mile 41.3.

Black Crappie (Pomoxis nigromaculatus)

	Fish 1	Fish 2	Fish 3
Length (mm)	330	300	270
Length (inches)	12.99	11.81	10.63
Weight (g)	604	502	342
Weight (oz)	21.31	17.71	12.06
Sex/Age	M/7	M/3	M/3
Age Method	Otolith	Otolith	Otolith
Collection Date	10-24-16	10-24-16	10-24-16
Skin on Fillet	N	N	N
MERCURY, TOTAL ug/g	.343	.115	.124

	Composite - 3 Fish
Bottle Code: 10/24/2016 MOBM-6 BCR 01-03	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.47
MERCURY, TOTAL ug/g	.263
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.21 JI
TOXAPHENE ug/g	< .00002

Mobile County **Lat/Lon: 31.09292 / -87.97311**

MOBM-6, Mobile R - Mobile River at David Lake, river mile 41.3.

Blue Catfish (Ictalurus furcatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	470	530	515	350	380	355
Length (inches)	18.50	20.87	20.28	13.78	14.96	13.98
Weight (g)	1,086	1,704	1,494	386	480	374
Weight (oz)	38.31	60.11	52.70	13.62	16.93	13.19
Sex/Age	M/7	F/11	F/10	F/5	F/6	M/3
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	10-24-16	10-24-16	10-24-16	10-24-16	10-24-16	10-24-16
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	< .056	.178	< .056	< .056	< .056	< .056

	Composite - 6 Fish
Bottle Code: 10/24/2016 MOBM-6 BLC 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	.008 JI
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	1.355
MERCURY, TOTAL ug/g	< .056
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.038 JI
TOXAPHENE ug/g	< .00002

Mobile County **Lat/Lon: 31.09292 / -87.97311**

MOBM-6, Mobile R - Mobile River at David Lake, river mile 41.3.

Bluegill (Lepomis macrochirus)

	Fish 1	Fish 2	Fish 3
Length (mm)	190	185	185
Length (inches)	7.48	7.28	7.28
Weight (g)	160	149	132
Weight (oz)	5.64	5.26	4.66
Sex/Age	M/3	M/4	M/3
Age Method	Otolith	Otolith	Otolith
Collection Date	10-24-16	10-24-16	10-24-16
Skin on Fillet	N	N	N
MERCURY, TOTAL ug/g	.256	.257	.209

	Composite - 3 Fish
Bottle Code: 10/24/2016 MOBM-6 BLG 01-03	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.21
MERCURY, TOTAL ug/g	.167
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.366 JI
TOXAPHENE ug/g	< .00002

Mobile County **Lat/Lon: 31.09292 / -87.97311**

MOBM-6, Mobile R - Mobile River at David Lake, river mile 41.3.

Largemouth Bass (Micropterus salmoides)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	335	428	320	365	342	350
Length (inches)	13.19	16.85	12.60	14.37	13.46	13.78
Weight (g)	624	1,370	492	814	530	580
Weight (oz)	22.01	48.33	17.35	28.71	18.70	20.46
Sex/Age	F/3	F/4	M/3	F/4	M/3	F/3
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-24-16	10-24-16	10-24-16	10-24-16	10-24-16	10-24-16
Skin on Fillet	N	N	N	N	N	N
Lesions				Moderate		
MERCURY, TOTAL ug/g	.155	.17	.262	.281	.386	.225

	Composite - 6 Fish
Bottle Code: 10/24/2016 MOBM-6 LMB 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	.004 JI
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	.09 JI
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	.002 JI
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.475
MERCURY, TOTAL ug/g	.191
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.125 JI
TOXAPHENE ug/g	< .00002

Calhoun County **Lat/Lon: 33.80662 / -86.06447**

NEES-1, Neely Henry Res - Lower reservoir. Deepest point, main river channel, dam forebay.

Channel Catfish (Ictalurus punctatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	377	372	346	319	312	266
Length (inches)	14.84	14.65	13.62	12.56	12.28	10.47
Weight (g)	498	416	330	238	232	162
Weight (oz)	17.57	14.67	11.64	8.40	8.18	5.71
Sex/Age	M/7	M/6	M/4	M/5	F/5	M/5
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	10-11-16	10-11-16	10-11-16	10-11-16	10-11-16	10-11-16
Skin on Fillet	N	N	N	N	N	N

	Composite - 6 Fish	
Bottle Code: 10/11/2016 NEES-1 CHC 01-06		
2,4'-DDD ug/g	< .00037	
2,4'-DDE ug/g	< .00144	
2,4'-DDT ug/g	< .00038	
4,4'-DDD ug/g	< .00046	
4,4'-DDE ug/g	< .00137	
4,4'-DDT ug/g	< .00037	
AROCHLOR 1016 ug/g	< .048	
AROCHLOR 1221 ug/g	< .125	
AROCHLOR 1232 ug/g	< .125	
AROCHLOR 1242 ug/g	< .125	
AROCHLOR 1248 ug/g	< .125	
AROCHLOR 1254 ug/g	.039	JI
AROCHLOR 1260 ug/g	.049	JI
PCB'S, TOTAL ug/g	.088	JI
ARSENIC, TOTAL ug/g	< .059	
CADMIUM, TOTAL ug/g	< .0079	
CHLORDANE, TOTAL ug/g	< .00001	
CHLORPYRIFOS ug/g	< .00082	
DIELDRIN ug/g	< .00028	
ENDOSULFAN I ug/g	< .00055	
ENDOSULFAN II ug/g	< .00048	
ENDRIN ug/g	< .00078	
HEPTACHLOR ug/g	< .00036	
HEPTACHLOR EPOXIDE ug/g	< .00111	
HEXACHLOROBENZENE ug/g	< .00051	
LINDANE ug/g	< .00178	
LIPIDS %	.31	
MERCURY, TOTAL ug/g	< .056	
MIREX ug/g	< .00112	
SELENIUM, TOTAL ug/g	.107	JI
TOXAPHENE ug/g	< .00002	

Calhoun County **Lat/Lon: 33.80662 / -86.06447**

NEES-1, Neely Henry Res - Lower reservoir. Deepest point, main river channel, dam forebay.

Spotted Bass (Micropterus punctulatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	445	447	451	445	371	389
Length (inches)	17.52	17.60	17.76	17.52	14.61	15.31
Weight (g)	1,090	1,282	1,340	1,098	650	666
Weight (oz)	38.45	45.22	47.27	38.73	22.93	23.49
Sex/Age	F/4	F/6	M/5	M/4	F/3	M/5
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-11-16	10-11-16	10-11-16	10-11-16	10-11-16	10-11-16
Skin on Fillet	N	N	N	N	N	N

	Composite - 6 Fish
Bottle Code: 10/11/2016 NEES-1 SPB 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	.002 JI
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	.073 JI
AROCHLOR 1260 ug/g	.053 JI
PCB'S, TOTAL ug/g	.126
ARSENIC, TOTAL ug/g	.085 JI
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.495
MERCURY, TOTAL ug/g	.116
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.149 JI
TOXAPHENE ug/g	< .00002

Colbert County **Lat/Lon: 34.89692 / -88.01547**

TENR-230, Pickwick Res - Vicinity of Tennesse River mile 230, 2.5 miles upstream of Tennessee River/Second Creek confluence.

Channel Catfish (Ictalurus punctatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	578	482	526	494	514	432
Length (inches)	22.76	18.98	20.71	19.45	20.24	17.01
Weight (g)	1,949	1,044	1,572	1,111	1,873	757
Weight (oz)	68.75	36.83	55.45	39.19	66.07	26.70
Sex/Age	/6	/6	/7	/7	/6	
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	10-18-16	10-18-16	10-18-16	10-18-16	10-18-16	10-18-16
Skin on Fillet	N	N	N	N	N	N

	Composite - 6 Fish
Bottle Code: 10/18/2016 TENR-230 CHC 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	.102
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	.102 JI
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	3.93
MERCURY, TOTAL ug/g	< .056
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.039 JI
TOXAPHENE ug/g	< .00002

Colbert County **Lat/Lon: 34.89692 / -88.01547**

TENR-230, Pickwick Res - Vicinity of Tennesse River mile 230, 2.5 miles upstream of Tennessee River/Second Creek confluence.

Largemouth Bass (Micropterus salmoides)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	376	384	390	415	392	386
Length (inches)	14.80	15.12	15.35	16.34	15.43	15.20
Weight (g)	878	791	876	1,225	916	795
Weight (oz)	30.97	27.90	30.90	43.21	32.31	28.04
Sex/Age	/4	/6	/5	/5	/2	/5
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-18-16	10-18-16	10-18-16	10-18-16	10-18-16	10-18-16
Skin on Fillet	N	N	N	N	N	N

	Composite - 6 Fish
Bottle Code: 10/18/2016 TENR-230 LMB 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.235
MERCURY, TOTAL ug/g	.218
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.076 JI
TOXAPHENE ug/g	< .00002

Lauderdale County **Lat/Lon: 34.74306 / -87.74656**

TENR-253, Pickwick Res - Pickwick Reservoir between Tennessee River miles 251.0-255.0, near Sheffield, AL.

Channel Catfish (Ictalurus punctatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	512	468	510	495	515	525
Length (inches)	20.16	18.43	20.08	19.49	20.28	20.67
Weight (g)	1,224	1,076	1,290	1,112	1,476	1,440
Weight (oz)	43.18	37.95	45.50	39.22	52.06	50.79
Sex/Age	/6	/5	/6	/6	/5	/6
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	10-26-16	10-26-16	10-26-16	10-26-16	10-26-16	10-26-16
Skin on Fillet	N	N	N	N	N	N

	Composite - 6 Fish	
Bottle Code: 10/26/2016 TENR-253 CHC 01-06		
2,4'-DDD ug/g	< .00037	
2,4'-DDE ug/g	< .00144	
2,4'-DDT ug/g	< .00038	
4,4'-DDD ug/g	< .00046	
4,4'-DDE ug/g	< .00137	
4,4'-DDT ug/g	< .00037	
AROCHLOR 1016 ug/g	< .048	
AROCHLOR 1221 ug/g	< .125	
AROCHLOR 1232 ug/g	< .125	
AROCHLOR 1242 ug/g	< .125	
AROCHLOR 1248 ug/g	< .125	
AROCHLOR 1254 ug/g	.075	JI
AROCHLOR 1260 ug/g	.058	JI
PCB'S, TOTAL ug/g	.132	
ARSENIC, TOTAL ug/g	< .059	
CADMIUM, TOTAL ug/g	< .0079	
CHLORDANE, TOTAL ug/g	< .00001	
CHLORPYRIFOS ug/g	< .00082	
DIELDRIN ug/g	< .00028	
ENDOSULFAN I ug/g	< .00055	
ENDOSULFAN II ug/g	< .00048	
ENDRIN ug/g	< .00078	
HEPTACHLOR ug/g	< .00036	
HEPTACHLOR EPOXIDE ug/g	< .00111	
HEXACHLOROBENZENE ug/g	< .00051	
LINDANE ug/g	< .00178	
LIPIDS %	4.275	
MERCURY, TOTAL ug/g	< .056	
MIREX ug/g	< .00112	
SELENIUM, TOTAL ug/g	.03	JI
TOXAPHENE ug/g	< .00002	

Lauderdale County **Lat/Lon: 34.74306 / -87.74656**

TENR-253, Pickwick Res - Pickwick Reservoir between Tennessee River miles 251.0-255.0, near Sheffield, AL.

Largemouth Bass (Micropterus salmoides)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	377	418	435	432	370	350
Length (inches)	14.84	16.46	17.13	17.01	14.57	13.78
Weight (g)	776	1,210	1,450	1,356	778	722
Weight (oz)	27.37	42.68	51.15	47.83	27.44	25.47
Sex/Age	/2	/4	/3	/2	/4	/2
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-26-16	10-26-16	10-26-16	10-26-16	10-26-16	10-26-16
Skin on Fillet	N	N	N	N	N	N

	Composite - 6 Fish
Bottle Code: 10/26/2016 TENR-253 LMB 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.415
MERCURY, TOTAL ug/g	.097 JI
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.057 JI
TOXAPHENE ug/g	< .00002

Baldwin County **Lat/Lon: 30.48500 / -87.80278**

PCTB-1, Polecat Ck - Polecat Ck upstream of the confluence with Fish R.

Largemouth Bass (Micropterus salmoides)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	347	271	366	280	310	304
Length (inches)	13.66	10.67	14.41	11.02	12.20	11.97
Weight (g)	570	238	682	290	362	350
Weight (oz)	20.11	8.40	24.06	10.23	12.77	12.35
Sex/Age	M/5	F	M/4	M/5	M/4	F/4
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	11-01-16	11-01-16	11-01-16	11-01-16	11-01-16	11-01-16
Skin on Fillet	N	N	N	N	N	N
Internal Parasites					Moderate	
MERCURY, TOTAL ug/g	1.928	.754	2.088	1.832	2.713	1.726

	Composite - 6 Fish
Bottle Code: 11/1/2016 PCTB-1 LMB 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.24
MERCURY, TOTAL ug/g	1.537
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.16 JI
TOXAPHENE ug/g	< .00002

Baldwin County **Lat/Lon: 30.48500 / -87.80278**

PCTB-1, Polecat Ck - Polecat Ck upstream of the confluence with Fish R.

Spotted Sucker (Minytrema melanops)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	477	368	450	436	395	444
Length (inches)	18.78	14.49	17.72	17.17	15.55	17.48
Weight (g)	1,084	574	1,024	960	818	1,076
Weight (oz)	38.24	20.25	36.12	33.86	28.85	37.95
Sex/Age	M	M	F	F	F	F
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	11-01-16	11-01-16	11-01-16	11-01-16	11-01-16	11-01-16
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.535	.337	.467	.715	.236	.538

	Composite - 6 Fish
Bottle Code: 11/1/2016 PCTB-1 SPS 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.469
MERCURY, TOTAL ug/g	.56
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.254 JI
TOXAPHENE ug/g	< .00002

Shelby County **Lat/Lon: 33.45945 / -86.66727**

PURS-1, Purdy Res - Lower reservoir. Deepest point, main river channel, dam forebay .

Channel Catfish (Ictalurus punctatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	425	430	450	381	500	385
Length (inches)	16.73	16.93	17.72	15.00	19.69	15.16
Weight (g)	508	524	756	502	1,160	424
Weight (oz)	17.92	18.48	26.67	17.71	40.92	14.96
Sex/Age	M/4	M/6	F/5	F/4	M/5	M/4
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	11-08-16	11-08-16	11-08-16	11-08-16	11-08-16	11-08-16
Skin on Fillet	N	N	N	N	N	N
LEAD ug/g	< .194	< .194	< .194	< .194	< .194	< .194
MERCURY, TOTAL ug/g	< .056	.133	< .056	< .056	.089 JI	< .056

	Composite - 6 Fish
Bottle Code: 11/8/2016 PURS-1 CHC 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LEAD ug/g	< .194
LINDANE ug/g	< .00178
LIPIDS %	.86
MERCURY, TOTAL ug/g	< .056
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.138 JI
TOXAPHENE ug/g	< .00002

Shelby County **Lat/Lon: 33.45945 / -86.66727**

PURS-1, Purdy Res - Lower reservoir. Deepest point, main river channel, dam forebay .

Largemouth Bass (Micropterus salmoides)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	401	385	329	395	330	313
Length (inches)	15.79	15.16	12.95	15.55	12.99	12.32
Weight (g)	892	812	448	820	484	382
Weight (oz)	31.46	28.64	15.80	28.92	17.07	13.47
Sex/Age	F/4	F/5	M/2	M/9	M/4	F/2
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	11-08-16	11-08-16	11-08-16	11-08-16	11-08-16	11-08-16
Skin on Fillet	N	N	N	N	N	N
LEAD ug/g	< .194	< .194	< .194	< .194	< .194	< .194
MERCURY, TOTAL ug/g	.273	.491	.217	.633	.228	.176

	Composite - 6 Fish
Bottle Code: 11/8/2016 PURS-1 LMB 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LEAD ug/g	< .194
LINDANE ug/g	< .00178
LIPIDS %	.15
MERCURY, TOTAL ug/g	.308
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.223 JI
TOXAPHENE ug/g	< .00002

Greene County **Lat/Lon: 33.00858 / -88.17159**

GAIG-6, Sipsey R (Gainesville) - Deepest point, main river channel, Sipsey River embayment, approximately 0.5 miles upstream of confluence with Tombigbee River.

Blue Catfish (Ictalurus furcatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	495	481	495	485	515	412
Length (inches)	19.49	18.94	19.49	19.09	20.28	16.22
Weight (g)	1,066	900	1,072	950	1,308	562
Weight (oz)	37.60	31.75	37.81	33.51	46.14	19.82
Sex/Age	M/7	F/8	F/9	M/8	M/8	F/7
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	10-04-16	10-04-16	10-04-16	10-04-16	10-04-16	10-04-16
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.491	.172	.219	< .056	.192	.166

	Composite - 6 Fish
Bottle Code: 10/4/2016 GAIG-6 BLC 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.285
MERCURY, TOTAL ug/g	.199
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.0458 JI
TOXAPHENE ug/g	< .00002

Greene County **Lat/Lon: 33.00858 / -88.17159**

GAIG-6, Sipsey R (Gainesville) - Deepest point, main river channel, Sipsey River embayment, approximately 0.5 miles upstream of confluence with Tombigbee River.

Largemouth Bass (Micropterus salmoides)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	382	370	375	329	334	340
Length (inches)	15.04	14.57	14.76	12.95	13.15	13.39
Weight (g)	834	736	752	490	548	480
Weight (oz)	29.42	25.96	26.53	17.28	19.33	16.93
Sex/Age	F/3	M/4	F/4	M/2	M/3	M/3
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-04-16	10-04-16	10-04-16	10-04-16	10-04-16	10-04-16
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.501	.489	.386	.156	.298	.28

	Composite - 6 Fish
Bottle Code: 10/4/2016 GAIG-6 LMB 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	.069 JI
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.345
MERCURY, TOTAL ug/g	.302
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.0643 JI
TOXAPHENE ug/g	< .00002

Baldwin County **Lat/Lon: 30.84278 / -87.91083**

TE-1, Tensaw R - Tensaw River at the L&N Railroad crossing, Baldwin County.

Channel Catfish (Ictalurus punctatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	375	328	327	342	300	299
Length (inches)	14.76	12.91	12.87	13.46	11.81	11.77
Weight (g)	406	247	248	266	228	194
Weight (oz)	14.32	8.71	8.75	9.38	8.04	6.84
Sex/Age	M/4	F/4	M/4	F/4	F/4	M/4
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	11-15-16	11-15-16	11-15-16	11-15-16	11-15-16	11-15-16
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	< .056	< .056	< .056	< .056	.276	.111

	Composite - 6 Fish
Bottle Code: 11/15/2016 TE-1 CHC 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.23
MERCURY, TOTAL ug/g	< .056
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.049 JI
TOXAPHENE ug/g	< .00002

Baldwin County **Lat/Lon: 30.84278 / -87.91083**

TE-1, Tensaw R - Tensaw River at the L&N Railroad crossing, Baldwin County.

Largemouth Bass (Micropterus salmoides)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	423	385	378	339	348	343
Length (inches)	16.65	15.16	14.88	13.35	13.70	13.50
Weight (g)	1,014	780	644	582	524	542
Weight (oz)	35.77	27.51	22.72	20.53	18.48	19.12
Sex/Age	F/5	F/3	M/5	M/4	F/4	M/4
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	11-15-16	11-15-16	11-15-16	11-15-16	11-15-16	11-15-16
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.579	.313	.536	.276	.361	.421

	Composite - 6 Fish
Bottle Code: 11/15/2016 TE-1 LMB 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.145
MERCURY, TOTAL ug/g	.415
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.101 JI
TOXAPHENE ug/g	< .00002

Washington County **Lat/Lon: 31.16203 / -87.95153**

TOMW-1, Tombigbee R - Tombigbee R at river mile 50.0 approximately 5 miles upstream of the confluence with the Alabama R.

Blue Catfish (Ictalurus furcatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	490	422	590	441	430	498
Length (inches)	19.29	16.61	23.23	17.36	16.93	19.61
Weight (g)	1,106	676	2,396	876	788	1,104
Weight (oz)	39.01	23.85	84.52	30.90	27.80	38.94
Sex/Age	M/5	M/4	M/6	M/5	M/4	M/4
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	11-15-16	11-15-16	11-15-16	11-15-16	11-15-16	11-15-16
Skin on Fillet	N	N	N	N	N	N
Internal Parasites				Slight/Mild		
MERCURY, TOTAL ug/g	.14	< .056	.173	< .056	< .056	< .056

	Composite - 6 Fish
Bottle Code: 11/15/2016 TOMW-1 BLC 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	1.465
MERCURY, TOTAL ug/g	.109
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	< .0424
TOXAPHENE ug/g	< .00002

Washington County **Lat/Lon: 31.16203 / -87.95153**

TOMW-1, Tombigbee R - Tombigbee R at river mile 50.0 approximately 5 miles upstream of the confluence with the Alabama R.

Largemouth Bass (Micropterus salmoides)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	413	351	382	332	348	350
Length (inches)	16.26	13.82	15.04	13.07	13.70	13.78
Weight (g)	1,088	762	818	652	568	596
Weight (oz)	38.38	26.88	28.85	23.00	20.04	21.02
Sex/Age	M/4	F/2	M/5	F/3	M/4	M/3
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	11-15-16	11-15-16	11-15-16	11-15-16	11-15-16	11-15-16
Skin on Fillet	N	N	N	N	N	N
External Parasites				Moderate		
Internal Parasites			Slight/Mild			
MERCURY, TOTAL ug/g	.445	.163	.398	.271	.414	.259

	Composite - 6 Fish
Bottle Code: 11/15/2016 TOMW-1 LMB 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.535
MERCURY, TOTAL ug/g	.242
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.138 JI
TOXAPHENE ug/g	< .00002

Washington County **Lat/Lon: 31.26014 / -87.98753**

TOMW-2, Tombigbee R - Vicinity of McIntosh landing, river mile 60.

Black Crappie (Pomoxis nigromaculatus)

	Fish 1	Fish 2	Fish 3
Length (mm)	328	336	300
Length (inches)	12.91	13.23	11.81
Weight (g)	596	606	420
Weight (oz)	21.02	21.38	14.82
Sex/Age	F/4	F/4	F/8
Age Method	Otolith	Otolith	Otolith
Collection Date	10-25-16	10-25-16	10-25-16
Skin on Fillet	N	N	N
MERCURY, TOTAL ug/g	.239	.21	.595

	Composite - 3 Fish
Bottle Code: 10/25/2016 TOMW-2 BCR 01-03	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	.009
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	.063 JI
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.375
MERCURY, TOTAL ug/g	.31
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.149 JI
TOXAPHENE ug/g	< .00002

Washington County **Lat/Lon: 31.26014 / -87.98753**

TOMW-2, Tombigbee R - Vicinity of McIntosh landing, river mile 60.

Bluegill (Lepomis macrochirus)

	Fish 1	Fish 2	Fish 3
Length (mm)	199	200	145
Length (inches)	7.83	7.87	5.71
Weight (g)	170	154	60
Weight (oz)	6.00	5.43	2.12
Sex/Age	M/4	M/4	F/2
Age Method	Otolith	Otolith	Otolith
Collection Date	10-25-16	10-25-16	10-25-16
Skin on Fillet	N	N	N
MERCURY, TOTAL ug/g	.222	.166	.112

	Composite - 3 Fish
Bottle Code: 10/25/2016 TOMW-2 BLG 01-03	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	.003 JI
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.315
MERCURY, TOTAL ug/g	.094 JI
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.213 JI
TOXAPHENE ug/g	< .00002

Washington County **Lat/Lon: 31.26014 / -87.98753**

TOMW-2, Tombigbee R - Vicinity of McIntosh landing, river mile 60.

Channel Catfish (Ictalurus punctatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	422	423	415	460	371	381
Length (inches)	16.61	16.65	16.34	18.11	14.61	15.00
Weight (g)	862	594	762	950	526	492
Weight (oz)	30.41	20.95	26.88	33.51	18.55	17.35
Sex/Age	M/8	F/6	M/5	M/5	F/6	M/5
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	10-25-16	10-25-16	10-25-16	10-25-16	10-25-16	10-25-16
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.111	.113	.119	.114	< .056	< .056

	Composite - 6 Fish
Bottle Code: 10/25/2016 TOMW-2 CHC 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	.006 JI
4,4'-DDE ug/g	.02
4,4'-DDT ug/g	.002 JI
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	3.55
MERCURY, TOTAL ug/g	.1
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.17 JI
TOXAPHENE ug/g	< .00002

Washington County **Lat/Lon: 31.26014 / -87.98753**

TOMW-2, Tombigbee R - Vicinity of McIntosh landing, river mile 60.

Largemouth Bass (Micropterus salmoides)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	375	346	331	435	368	355
Length (inches)	14.76	13.62	13.03	17.13	14.49	13.98
Weight (g)	978	610	556	1,150	864	676
Weight (oz)	34.50	21.52	19.61	40.57	30.48	23.85
Sex/Age	F/3	F/3	M/1	F/4	M/4	M/3
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-25-16	10-25-16	10-25-16	10-25-16	10-25-16	10-25-16
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.203	.537	< .056	.464	.535	.341

	Composite - 6 Fish
Bottle Code: 10/25/2016 TOMW-2 LMB 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	.01 JI
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	.06 JI
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	2.02
MERCURY, TOTAL ug/g	.293
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.194 JI
TOXAPHENE ug/g	< .00002

Clarke County **Lat/Lon: 31.42906 / -87.91472**

TOMW-4, Tombigbee R - Approximately 9.3 miles downstream of US Hwy 43/Alabama Hwy 13 bridge. River miles 85.6-83.6.
Lat/Lon calculated at furthest downstream point (river mile 83.6).

Blue Catfish (Ictalurus furcatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	429	530	413	404	438	410
Length (inches)	16.89	20.87	16.26	15.91	17.24	16.14
Weight (g)	746	1,708	708	592	698	586
Weight (oz)	26.31	60.25	24.97	20.88	24.62	20.67
Sex/Age	M/4	M/7	M/5	M/5	M/5	M/3
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	11-15-16	11-15-16	11-15-16	11-15-16	11-15-16	11-15-16
Skin on Fillet	N	N	N	N	N	N
Internal Parasites				Slight/Mild		
MERCURY, TOTAL ug/g	.088 JI	.119	< .056	< .056	< .056	< .056

	Composite - 6 Fish
Bottle Code: 11/15/2016 TOMW-4 BLC 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	2.01
MERCURY, TOTAL ug/g	< .056
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.052 JI
TOXAPHENE ug/g	< .00002

Clarke County **Lat/Lon: 31.42906 / -87.91472**

TOMW-4, Tombigbee R - Approximately 9.3 miles downstream of US Hwy 43/Alabama Hwy 13 bridge. River miles 85.6-83.6.
Lat/Lon calculated at furthest downstream point (river mile 83.6).

Largemouth Bass (Micropterus salmoides)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	349	460	360	457	371	376
Length (inches)	13.74	18.11	14.17	17.99	14.61	14.80
Weight (g)	554	1,308	566	1,358	794	770
Weight (oz)	19.54	46.14	19.97	47.90	28.01	27.16
Sex/Age	F/2	F/4	F/3	F/4	M/3	F/4
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	11-15-16	11-15-16	11-15-16	11-15-16	11-15-16	11-15-16
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.195	.328	.352	.208	< .056	< .056

	Composite - 6 Fish
Bottle Code: 11/15/2016 TOMW-4 LMB 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.38
MERCURY, TOTAL ug/g	.223
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.124 JI
TOXAPHENE ug/g	< .00002

Baldwin County **Lat/Lon: 30.39750 / -87.83361**

WKBB-1, Weeks Bay - Central Weeks Bay about 1.4 miles north of the mouth.

Atlantic Croaker (Micropogon undulatus)

	Fish 1	
Length (mm)	170	
Length (inches)	6.69	
Weight (g)	50	
Weight (oz)	1.76	
Sex/Age	M/2	
Age Method	Otolith	
Collection Date	11-01-16	
Skin on Fillet	N	
ARSENIC, TOTAL ug/g	.493	JI
CADMIUM, TOTAL ug/g	< .0079	
MERCURY, TOTAL ug/g	< .056	
SELENIUM, TOTAL ug/g	.221	JI

Baldwin County **Lat/Lon: 30.39750 / -87.83361**

WKBB-1, Weeks Bay - Central Weeks Bay about 1.4 miles north of the mouth.

Gafftopsail Catfish (Bagre marinus)

	Fish 1	
Length (mm)	350	
Length (inches)	13.78	
Weight (g)	376	
Weight (oz)	13.26	
Sex/Age	M/3	
Age Method	Spine	
Collection Date	11-01-16	
Skin on Fillet	N	
2,4'-DDD ug/g	< .00037	
2,4'-DDE ug/g	< .00144	
2,4'-DDT ug/g	< .00038	
4,4'-DDD ug/g	< .00046	
4,4'-DDE ug/g	.007	JI
4,4'-DDT ug/g	< .00037	
AROCHLOR 1016 ug/g	< .048	
AROCHLOR 1221 ug/g	< .125	
AROCHLOR 1232 ug/g	< .125	
AROCHLOR 1242 ug/g	< .125	
AROCHLOR 1248 ug/g	< .125	
AROCHLOR 1254 ug/g	< .027	
AROCHLOR 1260 ug/g	< .012	
PCB'S, TOTAL ug/g	< .048	
ARSENIC, TOTAL ug/g	2.465	
CADMIUM, TOTAL ug/g	< .0079	
CHLORDANE, TOTAL ug/g	< .00001	
CHLORPYRIFOS ug/g	< .00082	
DIELDRIN ug/g	< .00028	
ENDOSULFAN I ug/g	< .00055	
ENDOSULFAN II ug/g	< .00048	
ENDRIN ug/g	< .00078	
HEPTACHLOR ug/g	< .00036	
HEPTACHLOR EPOXIDE ug/g	< .00111	
HEXACHLOROBENZENE ug/g	< .00051	
LINDANE ug/g	.005	JI
LIPIDS %	3.46	
MERCURY, TOTAL ug/g	.105	
MIREX ug/g	< .00112	
SELENIUM, TOTAL ug/g	.043	JI
TOXAPHENE ug/g	< .00002	

Baldwin County **Lat/Lon: 30.39750 / -87.83361**

WKBB-1, Weeks Bay - Central Weeks Bay about 1.4 miles north of the mouth.

Sand Seatrout (Cynoscion arenarius)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5
Length (mm)	313	310	317	264	185
Length (inches)	12.32	12.20	12.48	10.39	7.28
Weight (g)	290	270	284	170	60
Weight (oz)	10.23	9.52	10.02	6.00	2.12
Sex/Age	F/2	F/3	M/3	M/1	M/1
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	11-01-16	11-01-16	11-01-16	11-01-16	11-01-16
Skin on Fillet	N	N	N	N	N

	Composite - 5 Fish
Bottle Code: 11/1/2016 WKBB-1 SST 01-05	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	.01
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	.075 JI
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	1.845
MERCURY, TOTAL ug/g	.099 JI
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.293 JI
TOXAPHENE ug/g	< .00002

Baldwin County **Lat/Lon: 30.39750 / -87.83361**

WKBB-1, Weeks Bay - Central Weeks Bay about 1.4 miles north of the mouth.

Silver Perch (Bairdiella chrysoura)

	Fish 1	Fish 2	Fish 3
Length (mm)	195	180	187
Length (inches)	7.68	7.09	7.36
Weight (g)	86	76	90
Weight (oz)	3.03	2.68	3.17
Sex/Age	M/3	F/2	F/2
Age Method	Otolith	Otolith	Otolith
Collection Date	11-01-16	11-01-16	11-01-16
Skin on Fillet	N	N	N

	Composite - 3 Fish
Bottle Code: 11/1/2016 WKBB-1 SPH 01-03	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	.003 JI
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	.156 JI
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	.001 JI
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.86
MERCURY, TOTAL ug/g	.2
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.259 JI
TOXAPHENE ug/g	< .00002

Baldwin County **Lat/Lon: 30.39750 / -87.83361**

WKBB-1, Weeks Bay - Central Weeks Bay about 1.4 miles north of the mouth.

Southern Kingfish (Menticirrhus americanus)

	Fish 1	Fish 2
Length (mm)	303	230
Length (inches)	11.93	9.06
Weight (g)	300	130
Weight (oz)	10.58	4.59
Sex/Age	F	F/2
Age Method	Otolith	Otolith
Collection Date	11-01-16	11-01-16
Skin on Fillet	N	N

	Composite - 2 Fish
Bottle Code: 11/1/2016 WKBB-1 SKF 01-02	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	< .012
PCB'S, TOTAL ug/g	< .048
ARSENIC, TOTAL ug/g	.492 JI
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.125
MERCURY, TOTAL ug/g	.137
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.234 JI
TOXAPHENE ug/g	< .00002

Cherokee County **Lat/Lon: 34.13481 / -85.79105**

WEIC-1, Weiss Res - Lower reservoir. Deepest point, main river channel, power dam forebay.

Black Crappie (Pomoxis nigromaculatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	264	259	270	268	275	259
Length (inches)	10.39	10.20	10.63	10.55	10.83	10.20
Weight (g)	308	316	298	320	380	306
Weight (oz)	10.86	11.15	10.51	11.29	13.40	10.79
Sex/Age	F/2	M/2	F/2	M/2	F/3	M/2
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-18-16	10-18-16	10-18-16	10-18-16	10-18-16	10-18-16
Skin on Fillet	N	N	N	N	N	N
AROCHLOR 1016 ug/g	< .048	< .048	< .048	< .048	< .048	< .048
AROCHLOR 1221 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1232 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1242 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1248 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1254 ug/g	< .027	< .027	< .027	.033 JI	< .027	.027 JI
AROCHLOR 1260 ug/g	.021 JI	.021 JI	.019 JI	.029 JI	.017 JI	.025 JI
PCB'S, TOTAL ug/g	< .048	< .048	< .048	.062	< .048	.052 JI
LIPIDS %	.41	.39	.26	.615	.35	.375

	Composite - 6 Fish
Bottle Code: 10/18/2016 WEIC-1 BCR 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	.004 JI
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	.046 JI
AROCHLOR 1260 ug/g	.039 JI
PCB'S, TOTAL ug/g	.085 JI
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.405
MERCURY, TOTAL ug/g	< .056
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.296 JI
TOXAPHENE ug/g	< .00002

Cherokee County **Lat/Lon: 34.13481 / -85.79105**

WEIC-1, Weiss Res - Lower reservoir. Deepest point, main river channel, power dam forebay.

Blue Catfish (Ictalurus furcatus)

	Fish 1	Fish 2	Fish 3
Length (mm)	601	406	363
Length (inches)	23.66	15.98	14.29
Weight (g)	2,338	552	360
Weight (oz)	82.47	19.47	12.70
Sex/Age	F/10	M/8	F/4
Age Method	Spine	Spine	Spine
Collection Date	10-18-16	10-18-16	10-18-16
Skin on Fillet	N	N	N
AROCHLOR 1016 ug/g	< .048	< .048	< .048
AROCHLOR 1221 ug/g	< .125	< .125	< .125
AROCHLOR 1232 ug/g	< .125	< .125	< .125
AROCHLOR 1242 ug/g	< .125	< .125	< .125
AROCHLOR 1248 ug/g	< .125	< .125	< .125
AROCHLOR 1254 ug/g	.071 JI	.212	.069 JI
AROCHLOR 1260 ug/g	.076 JI	.066 JI	.061 JI
PCB'S, TOTAL ug/g	.147 JI	.278	.13
LIPIDS %	.9	1.125	.335

	Composite - 3 Fish
Bottle Code: 10/18/2016 WEIC-1 BLC 01-03	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	.015
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	.042 JI
AROCHLOR 1260 ug/g	.089 JI
PCB'S, TOTAL ug/g	.131
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.52
MERCURY, TOTAL ug/g	< .056
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.123 JI
TOXAPHENE ug/g	< .00002

Cherokee County **Lat/Lon: 34.13481 / -85.79105**

WEIC-1, Weiss Res - Lower reservoir. Deepest point, main river channel, power dam forebay.

Channel Catfish (Ictalurus punctatus)

	Fish 1	Fish 2
Length (mm)	351	240
Length (inches)	13.82	9.45
Weight (g)	306	94
Weight (oz)	10.79	3.32
Sex/Age	M/7	F/3
Age Method	Spine	Spine
Collection Date	10-18-16	10-18-16
Skin on Fillet	N	N
AROCHLOR 1016 ug/g	< .048	< .048
AROCHLOR 1221 ug/g	< .125	< .125
AROCHLOR 1232 ug/g	< .125	< .125
AROCHLOR 1242 ug/g	< .125	< .125
AROCHLOR 1248 ug/g	< .125	< .125
AROCHLOR 1254 ug/g	.105 JI	.04 JI
AROCHLOR 1260 ug/g	.049 JI	.077 JI
PCB'S, TOTAL ug/g	.154	.117 JI
LIPIDS %	.63	.125

	Composite - 2 Fish
Bottle Code: 10/18/2016 WEIC-1 CHC 01-02	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	.007 JI
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	.098 JI
PCB'S, TOTAL ug/g	.098 JI
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.292
MERCURY, TOTAL ug/g	< .056
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.187 JI
TOXAPHENE ug/g	< .00002

Cherokee County **Lat/Lon: 34.13481 / -85.79105**

WEIC-1, Weiss Res - Lower reservoir. Deepest point, main river channel, power dam forebay.

Largemouth Bass (Micropterus salmoides)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	420	337	425	320	330	325
Length (inches)	16.54	13.27	16.73	12.60	12.99	12.80
Weight (g)	1,154	632	1,338	374	556	502
Weight (oz)	40.71	22.29	47.20	13.19	19.61	17.71
Sex/Age	F/3	F/1	F/4	M/1	F/1	F/1
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-18-16	10-18-16	10-18-16	10-18-16	10-18-16	10-18-16
Skin on Fillet	N	N	N	N	N	N
AROCHLOR 1016 ug/g	< .048	< .048	< .048	< .048	< .048	< .048
AROCHLOR 1221 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1232 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1242 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1248 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1254 ug/g	.282	.148	.508	.091 JI	.117 JI	.234
AROCHLOR 1260 ug/g	.09 JI	.046 JI	.157	.04 JI	.038 JI	.059 JI
PCB'S, TOTAL ug/g	.372	.194	.665	.131	.155	.293
LIPIDS %	.525	.565	1.295	.12	.71	.88

	Composite - 6 Fish
Bottle Code: 10/18/2016 WEIC-1 LMB 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	.018
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	.042 JI
AROCHLOR 1260 ug/g	.069 JI
PCB'S, TOTAL ug/g	.111 JI
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.52
MERCURY, TOTAL ug/g	< .056
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.215 JI
TOXAPHENE ug/g	< .00002

Cherokee County **Lat/Lon: 34.13481 / -85.79105**

WEIC-1, Weiss Res - Lower reservoir. Deepest point, main river channel, power dam forebay.

Striped Bass (Morone saxatilis)

	Fish 1	Fish 2
Length (mm)	610	342
Length (inches)	24.02	13.46
Weight (g)	1,902	392
Weight (oz)	67.09	13.83
Sex/Age	F/4	M/2
Age Method	Otolith	Otolith
Collection Date	10-18-16	10-18-16
Skin on Fillet	N	N
AROCHLOR 1016 ug/g	< .048	< .048
AROCHLOR 1221 ug/g	< .125	< .125
AROCHLOR 1232 ug/g	< .125	< .125
AROCHLOR 1242 ug/g	< .125	< .125
AROCHLOR 1248 ug/g	< .125	< .125
AROCHLOR 1254 ug/g	1.057	.174
AROCHLOR 1260 ug/g	.391	.091 JI
PCB'S, TOTAL ug/g	1.448	.265
LIPIDS %	.895	.295

	Composite - 2 Fish
Bottle Code: 10/18/2016 WEIC-1 STB 01-02	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	.041
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	.063 JI
AROCHLOR 1260 ug/g	.154
PCB'S, TOTAL ug/g	.217
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.42
MERCURY, TOTAL ug/g	.132
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.228 JI
TOXAPHENE ug/g	< .00002

Cherokee County **Lat/Lon: 34.20244 / -85.45240**

WEIC-12, Weiss Res - Deepest point, main river channel, Alabama/Georgia state line.

Black Crappie (Pomoxis nigromaculatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	268	270	260	275	263	282
Length (inches)	10.55	10.63	10.24	10.83	10.35	11.10
Weight (g)	314	326	316	358	294	382
Weight (oz)	11.08	11.50	11.15	12.63	10.37	13.47
Sex/Age	M/2	F/2	M/3	M/2	M/2	F/2
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-19-16	10-19-16	10-19-16	10-19-16	10-19-16	10-19-16
Skin on Fillet	N	N	N	N	N	N
AROCHLOR 1016 ug/g	< .048	< .048	< .048	< .048	< .048	< .048
AROCHLOR 1221 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1232 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1242 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1248 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1254 ug/g	.071 JI	.038 JI	.05 JI	.082 JI	.032 JI	.12 JI
AROCHLOR 1260 ug/g	.057 JI	.024 JI	.038 JI	.044 JI	.021 JI	.034 JI
PCB'S, TOTAL ug/g	.128	.062 JI	.088 JI	.126	.053 JI	.154
LIPIDS %	.455	.54	.44	.665	.17	.47

	Composite - 6 Fish
Bottle Code: 10/19/2016 WEIC-12 BCR 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	.007 JI
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	.036 JI
AROCHLOR 1260 ug/g	.057 JI
PCB'S, TOTAL ug/g	.093 JI
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.31
MERCURY, TOTAL ug/g	< .056
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.3 JI
TOXAPHENE ug/g	< .00002

Cherokee County **Lat/Lon: 34.20244 / -85.45240**

WEIC-12, Weiss Res - Deepest point, main river channel, Alabama/Georgia state line.

Blue Catfish (Ictalurus furcatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	358	349	356	377	375	391
Length (inches)	14.09	13.74	14.02	14.84	14.76	15.39
Weight (g)	316	294	340	392	366	460
Weight (oz)	11.15	10.37	11.99	13.83	12.91	16.23
Sex/Age	F/6	F/6	M/6	F/6	M/7	M/8
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	10-19-16	10-19-16	10-19-16	10-19-16	10-19-16	10-19-16
Skin on Fillet	N	N	N	N	N	N
AROCHLOR 1016 ug/g	< .048	< .048	< .048	< .048	< .048	< .048
AROCHLOR 1221 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1232 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1242 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1248 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1254 ug/g	.141	.052 JI	.094 JI	< .027	.086 JI	.136
AROCHLOR 1260 ug/g	.061 JI	.06 JI	.04 JI	< .012	.046 JI	.076 JI
PCB'S, TOTAL ug/g	.202	.112 JI	.134	< .048	.132	.212
LIPIDS %	.2	.195	.14	.205	.1	.165

	Composite - 6 Fish
Bottle Code: 10/19/2016 WEIC-12 BLC 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	.006 JI
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	.048 JI
PCB'S, TOTAL ug/g	.048 JI
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	< .1
MERCURY, TOTAL ug/g	< .056
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.079 JI
TOXAPHENE ug/g	< .00002

Cherokee County **Lat/Lon: 34.20244 / -85.45240**

WEIC-12, Weiss Res - Deepest point, main river channel, Alabama/Georgia state line.

Hybrid Bass (Morone chrysops x saxatilis)

	Fish 1	Fish 2	Fish 3
Length (mm)	257	319	335
Length (inches)	10.12	12.56	13.19
Weight (g)	242	420	512
Weight (oz)	8.54	14.82	18.06
Sex/Age	F/1	F/2	F/2
Age Method	Otolith	Otolith	Otolith
Collection Date	10-19-16	10-19-16	10-19-16
Skin on Fillet	N	N	N
AROCHLOR 1016 ug/g	< .048	< .048	< .048
AROCHLOR 1221 ug/g	< .125	< .125	< .125
AROCHLOR 1232 ug/g	< .125	< .125	< .125
AROCHLOR 1242 ug/g	< .125	< .125	< .125
AROCHLOR 1248 ug/g	< .125	< .125	< .125
AROCHLOR 1254 ug/g	.147	.187	.522
AROCHLOR 1260 ug/g	.082 JI	.079 JI	.202
PCB'S, TOTAL ug/g	.229	.266	.724
LIPIDS %	1.755	1.22	2.86

	Composite - 3 Fish
Bottle Code: 10/19/2016 WEIC-12 HYB 01-03	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	.024
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	.075 JI
AROCHLOR 1260 ug/g	.119 JI
PCB'S, TOTAL ug/g	.195
ARSENIC, TOTAL ug/g	.09
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.695
MERCURY, TOTAL ug/g	< .056
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.278 JI
TOXAPHENE ug/g	< .00002

Cherokee County **Lat/Lon: 34.20244 / -85.45240**

WEIC-12, Weiss Res - Deepest point, main river channel, Alabama/Georgia state line.

Largemouth Bass (Micropterus salmoides)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	309	344	300	345	315	329
Length (inches)	12.17	13.54	11.81	13.58	12.40	12.95
Weight (g)	494	558	420	576	426	568
Weight (oz)	17.43	19.68	14.82	20.32	15.03	20.04
Sex/Age	F/1	F/2	M/1	F/2	F/2	F/2
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-19-16	10-19-16	10-19-16	10-19-16	10-19-16	10-19-16
Skin on Fillet	N	N	N	N	N	N
AROCHLOR 1016 ug/g	< .048	< .048	< .048	< .048	< .048	< .048
AROCHLOR 1221 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1232 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1242 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1248 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1254 ug/g	.061 JI	.117 JI	.182	.137	.111 JI	.069 JI
AROCHLOR 1260 ug/g	.04 JI	.052 JI	.075 JI	.038 JI	.055 JI	.045 JI
PCB'S, TOTAL ug/g	.101 JI	.169	.257	.175	.166	.114 JI
LIPIDS %	.135	.56	24.88	.32	.165	.46

	Composite - 6 Fish
Bottle Code: 10/19/2016 WEIC-12 LMB 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	.008 JI
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	.053 JI
AROCHLOR 1260 ug/g	.073 JI
PCB'S, TOTAL ug/g	.126
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.255
MERCURY, TOTAL ug/g	< .056
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.26 JI
TOXAPHENE ug/g	< .00002

Cherokee County **Lat/Lon: 34.20574 / -85.61049**

WEIC-2, Weiss Res - Mid reservoir. Deepest point, main river channel, immediately upstream of causeway at Cedar Bluff.

Black Crappie (Pomoxis nigromaculatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	262	325	325	275	285	275
Length (inches)	10.31	12.80	12.80	10.83	11.22	10.83
Weight (g)	358	588	644	382	444	402
Weight (oz)	12.63	20.74	22.72	13.47	15.66	14.18
Sex/Age	M/2	F/6	M/2	M/2	M/2	M/2
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-19-16	10-19-16	10-19-16	10-19-16	10-19-16	10-19-16
Skin on Fillet	N	N	N	N	N	N
AROCHLOR 1016 ug/g	< .048	< .048	< .048	< .048	< .048	< .048
AROCHLOR 1221 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1232 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1242 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1248 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1254 ug/g	.144	.521	.234	.14	.16	.232
AROCHLOR 1260 ug/g	.06 JI	.179	.07 JI	.057 JI	.07 JI	.085 JI
PCB'S, TOTAL ug/g	.204	.7	.304	.197	.23	.317
LIPIDS %	.9	3.22	1.4	.82	.73	1.87

	Composite - 6 Fish
Bottle Code: 10/19/2016 WEIC-2 BCR 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	.029
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	.2
AROCHLOR 1260 ug/g	.135
PCB'S, TOTAL ug/g	.335
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	1.27
MERCURY, TOTAL ug/g	< .056
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.275 JI
TOXAPHENE ug/g	< .00002

Cherokee County **Lat/Lon: 34.20574 / -85.61049**

WEIC-2, Weiss Res - Mid reservoir. Deepest point, main river channel, immediately upstream of causeway at Cedar Bluff.

Blue Catfish (Ictalurus furcatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	370	405	430	400	387	375
Length (inches)	14.57	15.94	16.93	15.75	15.24	14.76
Weight (g)	402	618	690	478	432	424
Weight (oz)	14.18	21.80	24.34	16.86	15.24	14.96
Sex/Age	M/6	F/6	F/7	F/7	F/6	F/5
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	10-19-16	10-19-16	10-19-16	10-19-16	10-19-16	10-19-16
Skin on Fillet	N	N	N	N	N	N
AROCHLOR 1016 ug/g	< .048	< .048	< .048	< .048	< .048	< .048
AROCHLOR 1221 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1232 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1242 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1248 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1254 ug/g	.278	.168	.154	.103 JI	.087 JI	.19
AROCHLOR 1260 ug/g	.081 JI	.138	.071 JI	.08 JI	.063 JI	.077 JI
PCB'S, TOTAL ug/g	.359	.306	.225	.183	.15	.267
LIPIDS %	.49	.23	.28	.345	.445	.32

	Composite - 6 Fish
Bottle Code: 10/19/2016 WEIC-2 BLC 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	.011
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	.131
AROCHLOR 1260 ug/g	.079 JI
PCB'S, TOTAL ug/g	.21
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.31
MERCURY, TOTAL ug/g	< .056
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.075 JI
TOXAPHENE ug/g	< .00002

Cherokee County **Lat/Lon: 34.20574 / -85.61049**

WEIC-2, Weiss Res - Mid reservoir. Deepest point, main river channel, immediately upstream of causeway at Cedar Bluff.

Largemouth Bass (Micropterus salmoides)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	480	395	284	479	415	373
Length (inches)	18.90	15.55	11.18	18.86	16.34	14.69
Weight (g)	1,366	942	358	1,442	1,052	702
Weight (oz)	48.18	33.23	12.63	50.87	37.11	24.76
Sex/Age	M/12	M/3	M	M/8	F/3	F/2
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-19-16	10-19-16	10-19-16	10-19-16	10-19-16	10-19-16
Skin on Fillet	N	N	N	N	N	N
AROCHLOR 1016 ug/g	< .048	< .048	< .048	< .048	< .048	< .048
AROCHLOR 1221 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1232 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1242 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1248 ug/g	< .125	< .125	< .125	< .125	< .125	< .125
AROCHLOR 1254 ug/g	.437	.132	.31	.964	.383	.171
AROCHLOR 1260 ug/g	.202	.04 JI	.091 JI	.276	.116 JI	.053 JI
PCB'S, TOTAL ug/g	.639	.172	.401 JI	1.24	.499	.224
LIPIDS %	.24	.2	1.285	.125	.725	.16
MERCURY, TOTAL ug/g	.628	.149	< .056	.306	.064 JI	.13

	Composite - 6 Fish
Bottle Code: 10/19/2016 WEIC-2 LMB 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	.027
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	.033 JI
AROCHLOR 1260 ug/g	.111 JI
PCB'S, TOTAL ug/g	.144
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.17
MERCURY, TOTAL ug/g	.425
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.202 JI
TOXAPHENE ug/g	< .00002

Cherokee County **Lat/Lon: 34.20574 / -85.61049**

WEIC-2, Weiss Res - Mid reservoir. Deepest point, main river channel, immediately upstream of causeway at Cedar Bluff.

Striped Bass (Morone saxatilis)

	Fish 1	Fish 2	Fish 3
Length (mm)	584	397	356
Length (inches)	22.99	15.63	14.02
Weight (g)	1,720	750	518
Weight (oz)	60.67	26.46	18.27
Sex/Age	M/2	F/2	M/2
Age Method	Otolith	Otolith	Otolith
Collection Date	10-19-16	10-19-16	10-19-16
Skin on Fillet	N	N	N
AROCHLOR 1016 ug/g	< .048	< .048	< .048
AROCHLOR 1221 ug/g	< .125	< .125	< .125
AROCHLOR 1232 ug/g	< .125	< .125	< .125
AROCHLOR 1242 ug/g	< .125	< .125	< .125
AROCHLOR 1248 ug/g	< .125	< .125	< .125
AROCHLOR 1254 ug/g	.717	1.213	.699
AROCHLOR 1260 ug/g	.293	.343	.136
PCB'S, TOTAL ug/g	1.01	1.556	.835
LIPIDS %	2.175	3.88	1.895

	Composite - 3 Fish
Bottle Code: 10/19/2016 WEIC-2 STB 01-03	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	.091
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	.263
AROCHLOR 1260 ug/g	.32
PCB'S, TOTAL ug/g	.582
ARSENIC, TOTAL ug/g	.106 JI
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	1.88
MERCURY, TOTAL ug/g	< .056
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.324 JI
TOXAPHENE ug/g	< .00002

Lauderdale County **Lat/Lon: 34.80447 / -87.62422**

TENR-260, Wilson Res - Dam forebay at Tennesse River mile 259.5.

Channel Catfish (Ictalurus punctatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	395	391	417	436	420	433
Length (inches)	15.55	15.39	16.42	17.17	16.54	17.05
Weight (g)	487	521	557	598	636	584
Weight (oz)	17.18	18.38	19.65	21.09	22.43	20.60
Sex/Age	/7	/4	/6	/6	/6	/6
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	10-19-16	10-19-16	10-19-16	10-19-16	10-19-16	10-19-16
Skin on Fillet	N	N	N	N	N	N

	Composite - 6 Fish
Bottle Code: 10/19/2016 TENR-260 CHC 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	< .00137
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .027
AROCHLOR 1260 ug/g	.049 JI
PCB'S, TOTAL ug/g	.049 JI
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.63
MERCURY, TOTAL ug/g	< .056
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.016 JI
TOXAPHENE ug/g	< .00002

Lauderdale County **Lat/Lon: 34.80447 / -87.62422**

TENR-260, Wilson Res - Dam forebay at Tennesse River mile 259.5.

Largemouth Bass (Micropterus salmoides)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	422	424	432	330	440	316
Length (inches)	16.61	16.69	17.01	12.99	17.32	12.44
Weight (g)	1,237	1,161	1,222	523	1,247	477
Weight (oz)	43.63	40.95	43.10	18.45	43.99	16.83
Sex/Age	/3	/3	/3	/1	/3	/1
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-19-16	10-19-16	10-19-16	10-19-16	10-19-16	10-19-16
Skin on Fillet	N	N	N	N	N	N

	Composite - 6 Fish
Bottle Code: 10/19/2016 TENR-260 LMB 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	.006 JI
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	.039 JI
AROCHLOR 1260 ug/g	.048 JI
PCB'S, TOTAL ug/g	.087 JI
ARSENIC, TOTAL ug/g	.074 JI
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.695
MERCURY, TOTAL ug/g	< .056
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.039 JI
TOXAPHENE ug/g	< .00002

Lauderdale County **Lat/Lon: 34.80858 / -87.43186**

TENR-273, Wilson Res - Tennessee River miles 272.0-274.0, 1.0 mile downstream of Blue Water Creek.

Channel Catfish (Ictalurus punctatus)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	563	445	444	527	508	400
Length (inches)	22.17	17.52	17.48	20.75	20.00	15.75
Weight (g)	1,663	646	704	1,009	1,180	516
Weight (oz)	58.66	22.79	24.83	35.59	41.62	18.20
Sex/Age	/7	/5	/5	/7	/7	/5
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	10-20-16	10-20-16	10-20-16	10-20-16	10-20-16	10-20-16
Skin on Fillet	N	N	N	N	N	N

	Composite - 6 Fish
Bottle Code: 10/20/2016 TENR-273 CHC 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	.123
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	.049 JI
AROCHLOR 1260 ug/g	.145
PCB'S, TOTAL ug/g	.194
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	2.08
MERCURY, TOTAL ug/g	< .056
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.006 JI
TOXAPHENE ug/g	< .00002

Lauderdale County **Lat/Lon: 34.80858 / -87.43186**

TENR-273, Wilson Res - Tennessee River miles 272.0-274.0, 1.0 mile downstream of Blue Water Creek.

Largemouth Bass (Micropterus salmoides)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	350	322	371	441	357	343
Length (inches)	13.78	12.68	14.61	17.36	14.06	13.50
Weight (g)	695	471	960	1,440	696	683
Weight (oz)	24.52	16.61	33.86	50.79	24.55	24.09
Sex/Age	/2	/2	/3	/4	/2	/1
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-20-16	10-20-16	10-20-16	10-20-16	10-20-16	10-20-16
Skin on Fillet	N	N	N	N	N	N

	Composite - 6 Fish
Bottle Code: 10/20/2016 TENR-273 LMB 01-06	
2,4'-DDD ug/g	< .00037
2,4'-DDE ug/g	< .00144
2,4'-DDT ug/g	< .00038
4,4'-DDD ug/g	< .00046
4,4'-DDE ug/g	.007 JI
4,4'-DDT ug/g	< .00037
AROCHLOR 1016 ug/g	< .048
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	.028 JI
AROCHLOR 1260 ug/g	.041 JI
PCB'S, TOTAL ug/g	.069 JI
ARSENIC, TOTAL ug/g	.077 JI
CADMIUM, TOTAL ug/g	< .0079
CHLORDANE, TOTAL ug/g	< .00001
CHLORPYRIFOS ug/g	< .00082
DIELDRIN ug/g	< .00028
ENDOSULFAN I ug/g	< .00055
ENDOSULFAN II ug/g	< .00048
ENDRIN ug/g	< .00078
HEPTACHLOR ug/g	< .00036
HEPTACHLOR EPOXIDE ug/g	< .00111
HEXACHLOROBENZENE ug/g	< .00051
LINDANE ug/g	< .00178
LIPIDS %	.54
MERCURY, TOTAL ug/g	< .056
MIREX ug/g	< .00112
SELENIUM, TOTAL ug/g	.049 JI
TOXAPHENE ug/g	< .00002

*ADEM Qualifiers **

JI - Estimated/Between MDL & PQL

JQ1 - Estimated/QC1

**** See SOP #4910 for more details.***