

ADEM Fish Tissue Monitoring Program 2025 Annual Report

*Mobile and Tombigbee River Basins and additional
Coastal sites*

June 30, 2026

Alabama Department of Environmental Management

Field Operations Division

Montgomery Branch

TABLE OF CONTENTS

LIST OF FIGURES	3
LIST OF TABLES	4
INTRODUCTION.....	5
METHODS	11
RESULTS	14

LIST OF FIGURES

Figure 1. CY2025 FTMP sample locations.....	15
--	-----------

LIST OF TABLES

Table 1. Analytical parameters for the ADEM Fish Tissue Monitoring Program.	12
Table 2. CY2025 FTMP sample location information; basin, locale, station ID, county, species collected, and location description.	16
Table 3. CY2025 Fish Tissue Monitoring Program analytical results.....	21

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, ADEM instituted the Fish Tissue Monitoring Program (FTMP) to provide statewide screening of bioaccumulative contaminants in fish tissue. The expanded program was designed to provide the Alabama Department of Public Health (ADPH) with the 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 program historically exists as a cooperative effort between the ADEM, ADPH, the Alabama Department of Conservation and Natural Resources (ADCNR), and the Tennessee Valley Authority (TVA).

Following the 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) Alabama, Coosa, and Tallapoosa Rivers (2000)
- e) Escatawpa, Mobile, and Tombigbee Rivers (2001)

In addition to the basin locations sampled each year, ADEM continued to sample areas of concern outside the focus basin as needed or requested by cooperating agencies and as resources allowed.

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 objectives:

- a) Sampling locations throughout the focus basin,
- b) Repetitive sampling of sites where ADPH determined that EPA/FDA limits had been exceeded, and
- c) Sampling remaining areas in Alabama where fish had not been collected for the program.

Repetitive sampling of sites where EPA/FDA action levels had been exceeded was conducted as follows:

- a) Sites that exceeded EPA/FDA action levels for the first time were sampled for a minimum of two concurrent years to provide verification of contaminant concentrations as requested by ADPH.
- b) Sites where ADPH consumption advisories currently existed were sampled at a minimum of every three years to provide data for analysis of trends in contaminant concentrations.

The frequency of sampling for these sites was dependent on available resources. The FTMP also monitored sites outside the focus basin as needed or when requested by cooperating agencies.

In June 2006, ADPH adopted the EPA guidance level for mercury in fish of 0.33 ug/g for issuance of public consumption advisories, replacing the FDA guidance level of 1.0 ug/g previously used. In March 2014, the FTMP discontinued dioxin monitoring below paper mills. Dioxin monitoring was discontinued because levels in fish had been below method detection levels since 2004 and below levels requiring consumption advisories since the early 1990's.

The program was further modified in 2015 to not only provide the data needed by ADPH for consumption advisories, but to also meet the data needs of the ADEM water quality assessment and listing process. In order to meet these needs, fish tissue samples were 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 was as follows:

- a) Alabama, Cahaba, Tallapoosa, and Tennessee Rivers (2015),

- b) Coosa, Mobile, and Tombigbee Rivers (2016),
- c) Black Warrior, Perdido-Escambia, Choctawhatchee, Pea, and Chattahoochee Rivers (2017).

In addition to the major river basin schedule, coastal sample locations (locations south of the I-65 Mobile River Bridge) were 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 was directed toward accomplishing three goals:

- a) Repetitive sampling of sites where the ADPH had determined that EPA/FDA limits had 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 had not been collected for the FTMP or other areas of concern as they arose.

Since the adoption of the lower EPA guidance level for mercury in 2006 the number of sample locations with consumption advisories for mercury has steadily increased. The combination of this increase in advisory locations along with the 3-year basin rotation instituted in 2015 caused an increase in the number of yearly sample locations to a point that it became unsustainable due to laboratory limitations as well as funding constraints. In order to maximize available laboratory resources and streamline data reporting, the program was further modified to its current form in 2017.

In 2017, the FTMP returned to its former schedule of a 5-year basin rotation with the following four goals,

- a) Sampling locations throughout the focus basin,
- b) Repetitive sampling of sites within the focus basin where ADPH has determined that EPA/FDA action limits have been exceeded,
- c) Repetitive sampling of sites within the focus basin in support of Alabama's Assessment and Listing Methodology,
- d) Sampling remaining areas in Alabama where fish have not been collected for the FTMP or other areas of concern as they arise.

The 2020 through 2022 basin rotation schedules were modified due to the need to minimize close contact of staff during the coronavirus response. The Tombigbee and Mobile Basins were sampled in 2020, while the Black Warrior and Cahaba basins were sampled in 2021. Since mercury is the main compound of concern within those basins, all 2020 and 2021 samples were collected using the non-lethal field biopsy plug method and analyzed for individual mercury only. No in-lab fish processing occurred during 2020 or 2021. The Alabama, Coosa, and Tallapoosa basins include PCB advisories which require lab processing for entire fish filets. Those basins were sampled during 2022. The future basin rotation is as follows,

- Tennessee River (2023)
- Perdido-Escambia, Choctawhatchee, Pea, and Chattahoochee Rivers (2024)
- Mobile and Tombigbee Rivers (2025)
- Black Warrior and Cahaba Rivers (2026)
- Alabama, Coosa, and Tallapoosa Rivers (2027)

In addition to the major river basin schedule, coastal sample locations (locations south of the I-65 Mobile River bridge) are divided roughly into five geographic regions and sampled on a five-year rotation as well. 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)*, *Fish Tissue Monitoring Program Sample Processing and Data Reporting Procedures (SOP# 2301)*, and *Fish Tissue Monitoring Program Non-Lethal Biopsy Plug Sample Collection and Processing Procedures (SOP#2302)*.

Sampling is typically conducted in the fall of the year, generally October-December. 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 *SOP#2300*, 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. Tissue samples are collected as described in the ADEM documents *SOP#2301* and *SOP#2302* and

packaged for laboratory analysis (Table 1) and/or storage as needed. Otoliths and/or spines are removed from the carcass if available 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	EPA200.8	5.0 ug/g	0.059 ug/g		
Cadmium	EPA200.8	5.0 ug/g	0.081 ug/g		
Mercury, Total	EPA7473	0.1 ug/g	0.056 ug/g		0.33 ug/g
Selenium, Total	EPA200.8	5.0 ug/g	0.165 ug/g		
Chlordane, Total	SW8081A	0.125 ug/g		0.3 ug/g	
4,4-DDD	SW8081A	0.002 ug/g		Total DDT 5.0 ug/g	
4,4-DDE	SW8081A	0.002 ug/g			
4,4-DDT	SW8081A	0.002 ug/g			
2,4-DDD	SW8081A	0.002 ug/g			
2,4-DDE	SW8081A	0.002 ug/g			
2,4-DDT	SW8081A	0.002 ug/g			
Chlorpyrifos	SW8081A	0.002 ug/g			
Dieldrin	SW8081A	0.002 ug/g		0.3 ug/g	
Endosulfan I	SW8081A	0.002 ug/g			
Endosulfan II	SW8081A	0.002 ug/g			
Endrin	SW8081A	0.002 ug/g			
gamma-BHC (Lindane)	SW8081A	0.002 ug/g			
Heptachlor	SW8081A	0.002 ug/g		0.3 ug/g	
Heptachlor Epoxide	SW8081A	0.002 ug/g		0.3 ug/g	
Hexachlorobenzene	SW8081A	0.002 ug/g			
Mirex	SW8081A	0.002 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	0.125 ug/g		2.0 ug/g	
Toxaphene	SW8081A	0.125 ug/g		5.0 ug/g	
Percent lipids	SW3640A	0.10%			

To maximize available lab resources, routine organic analyses (PCBs and pesticides) were reduced where no previous exceedances have occurred. Sample sites are divided into two groups for analysis—Screening Sites and Targeted Sites. Screening sites are locations where no data

exists or chemical contaminants in fish have not been found to exceed levels of concern for human health. Targeted sites are locations where screening samples have identified concentrations of chemicals that exceed levels of concern for human health.

Beginning in 2018, analysis requested for the FTMP is determined by the following schedule:

- Routine Screening Locations (Tier I)
 - “Individual Mercury Analysis” each 5-year sample rotation.
 - “Composite All Other Parameters” once within a 15-year period.
- Targeted Locations (Tier II)
 - “Individual Mercury Analysis” each 5-year sample rotation.
 - “Individual Analysis” for the compound of concern each 5-year sample rotation.
 - “Composite All Other Parameters” once within a 15-year period.

Based on historic data or current concerns, additional lab analysis may be ordered.

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 2025, samples from 386 fish (8 different species) from 34 locations (Figure 1 and Table 2) were collected and analyzed for the FTMP. Twenty-seven different waterbodies were sampled. Twenty-six locations with a current consumption advisory for mercury were sampled. To date, samples comprised of several thousand fish have been collected from 397 sites for the FTMP. Analytical results for the 2025 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 anomalies, such as lesions, tumors, parasites, and deformities. Some 76 percent of the fish observed had no anomalies. The most commonly observed anomalies were external and internal 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. CY2025 FTMP sample locations.

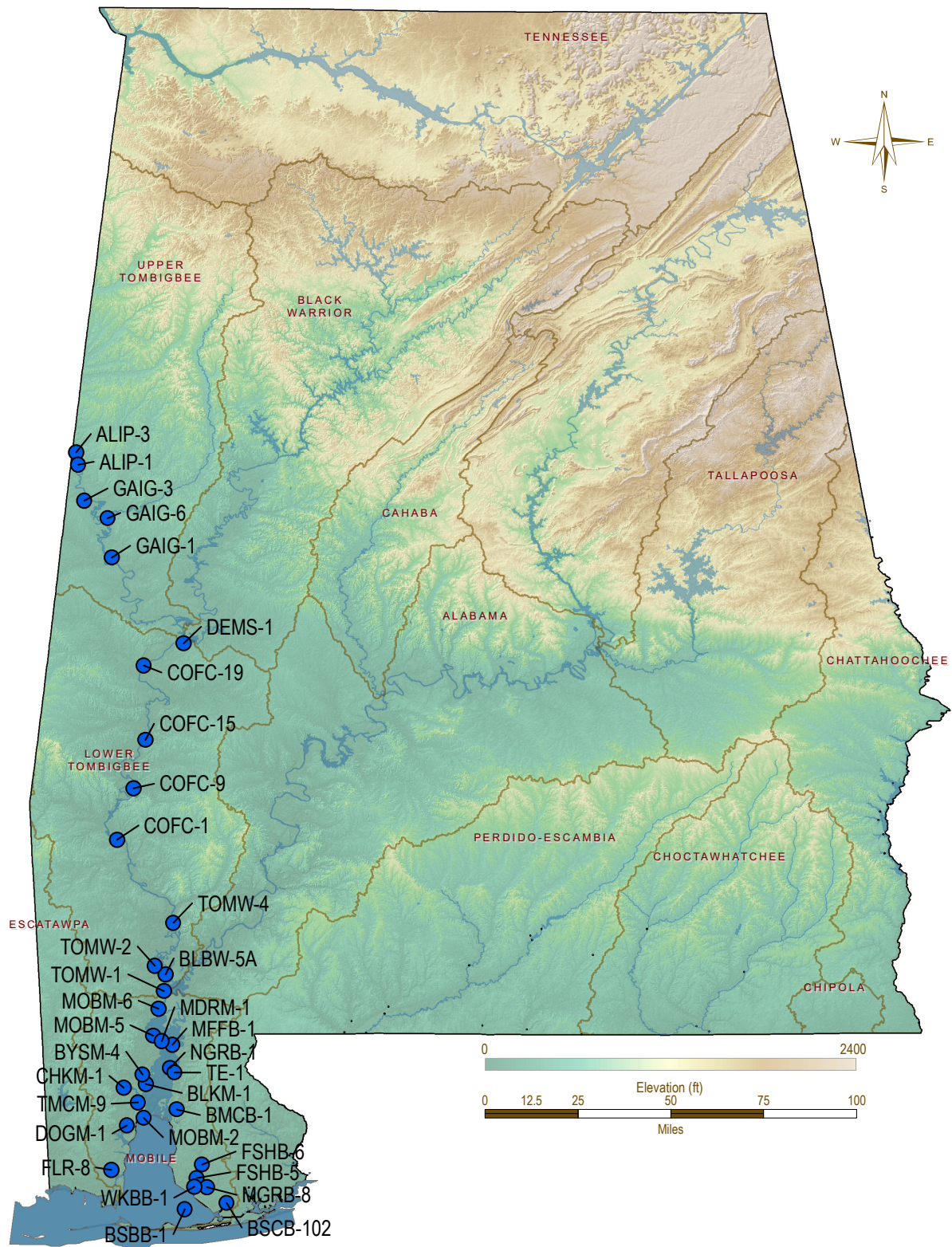


Table 2. CY 2025 FTMP sample location information; basin, locale, station ID, county, species collected, and location description.

Basin	Locale	Station ID	County	Species Collected	Location Description
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	Bayou Sara	BYSM-4	Mobile	Channel catfish Largemouth bass	Bayou Sara approximately 0.75 mile upstream of Gunnison Creek.
Mobile	Black Ck	BLKM-1	Mobile	Channel catfish Largemouth bass	Approximately 1.4 miles upstream of Black Creek, Mobile River, Bayou Sara confluence.
Mobile	Bon Secour Bay	BSBB-1	Baldwin	Red drum Striped mullet	In main channel near confluence of Bon Secour Bay and Oyster Bay.
Mobile	Bon Secour R	BSCB-102	Baldwin	Red drum Southern flounder 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	Dog R	DOGM-1	Mobile	Largemouth bass Striped mullet	Dog River in the vicinity of I-10 bridge. Lat/Lon calculated at the I-10 bridge.

Table 2. CY 2025 FTMP sample location information; basin, locale, station ID, county, species collected, and location description.

Basin	Locale	Station ID	County	Species Collected	Location Description
Mobile	Fish R	FSHB-5	Baldwin	Largemouth bass Striped mullet	Approximately 2 miles upstream of US Hwy 98 bridge in vicinity of Waterhole Br/Fish R confluence just above the two islands.
Mobile	Fish R	FSHB-6	Baldwin	Largemouth bass Channel catfish	Fish River in vicinity of confluence with Polecat Creek. Approximately one mile upstream of Baldwin Co Rd 32 bridge.
Mobile	Fowl R	FLR-8	Mobile	Largemouth bass Striped mullet	Fowl River, in the vicinity of Muddy Creek confluence and Fowl River Road bridge crossing lat/lon calculated at bridge crossing.
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	Spotted bass Channel catfish Largemouth bass	Middle River, 4.5 miles above its confluence with the Tensaw River. T1S R1E S15 NE1/4.
Mobile	Mifflin SL	MFFB-1	Baldwin	Channel catfish Largemouth bass	Mifflin Lake, between the Middle and Tensaw Rivers; T1S, R2E, S19, NW quarter.
Mobile	Mobile Bay	MOBM-2	Mobile	Sheepshead Red drum Striped mullet	Little Sand Island area, Mobile River at its confluence with Mobile Bay.

Table 2. CY 2025 FTMP sample location information; basin, locale, station ID, county, species collected, and location description.

Basin	Locale	Station ID	County	Species Collected	Location Description
Mobile	Mobile R	MOBM-5	Mobile	Blue catfish Largemouth bass	Mobile River at Cold Creek, river mile 27.0.
Mobile	Mobile R	MOBM-6	Mobile	Blue catfish Largemouth bass	Mobile River at David Lake, river mile 41.3.
Mobile	Negro Sl	NGRB-1	Baldwin	Channel catfish Largemouth bass	Negro Slough at Tensaw River, lat/lon calculated 1.0 mile upstream of confluence with the Tensaw River.
Mobile	Tensaw R	TE-1	Baldwin	Largemouth bass	Tensaw River at the L&N Railroad crossing, Baldwin County.
Mobile	Threemile Ck	TMCM-9	Mobile	Largemouth bass Striped mullet	Three Mile Creek downstream of the Southern Railroad trestle to confluence with the Mobile River.
Mobile	Weeks Bay	WKBB-1	Baldwin	Southern flounder Striped mullet Red drum	Central Weeks Bay about 1.4 miles north of the mouth.
Tombigbee	Aliceville Res	ALIP-1	Pickens	Blue catfish Largemouth bass	Lower reservoir. Deepest point, main river channel, dam forebay.

Table 2. CY 2025 FTMP sample location information; basin, locale, station ID, county, species collected, and location description.

Basin	Locale	Station ID	County	Species Collected	Location Description
Tombigbee	Bashi Ck (Coffeeville)	COFC-9	Clarke	Channel catfish Largemouth bass	Deepest point, main creek channel, Bashi Creek embayment, approx. 0.5 miles upstream of confluence with Tombigbee River.
Tombigbee	Bilbo Ck	BLBW-5A	Washington	Channel catfish Largemouth bass	Bilbo Creek upstream of the confluence with the Tombigbee River.
Tombigbee	Coal Fire Ck (Aliceville)	ALIP-3	Pickens	Blue catfish Channel catfish Largemouth bass	Deepest point, main creek channel, Coal Fire Creek embayment, approximately one mile upstream of confluence with Tombigbee River.
Tombigbee	Coffeeville Res	COFC-1	Choctaw	Blue catfish Largemouth bass	Lower reservoir. Deepest point, main river channel, dam forebay.
Tombigbee	Coffeeville Res	COFC-15	Marengo	Channel catfish Largemouth bass	Tombigbee River approximately 2.0 mi upstream of Alabama Hwy 10 bridge. River miles 168.6-166.6. Lat/Lon calculated at river mile 166.6.
Tombigbee	Coffeeville Res	COFC-19	Sumter	Largemouth bass Spotted bass Blue catfish Channel catfish	Approximately 1.5 miles downstream of US Hwy 80/AL Hwy 28 bridge. Tombigbee River miles 202.0-200.0. Lat/Lon was calculated at river mile 202.0.

Table 2. CY 2025 FTMP sample location information; basin, locale, station ID, county, species collected, and location description.

Basin	Locale	Station ID	County	Species Collected	Location Description
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	Gainesville Res	GAIG-3	Pickens	Blue catfish Largemouth bass	Upper reservoir. Deepest point, main river channel, approximately 0.5 miles downstream of Bogue Chitto Creek confluence.
Tombigbee	Sipsey R (Gainesville)	GAIG-6	Greene	Blue catfish Largemouth bass	Deepest point, main river channel, Sipsey River embayment, approximately 0.5 miles upstream of confluence with Tombigbee River.
Tombigbee	Tombigbee R	TOMW-1	Washington	Blue catfish Largemouth bass	Tombigbee River at river mile 50.0 approximately 5 miles upstream of the confluence with the Alabama River.
Tombigbee	Tombigbee R	TOMW-2	Washington	Blue catfish Largemouth bass	Vicinity of McIntosh landing, river mile 60.
Tombigbee	Tombigbee R	TOMW-4	Clarke	Channel 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. CY2025 Fish Tissue Monitoring Program Analytical Results.

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)	361	422	502	459	456	488
Length (inches)	14.21	16.61	19.76	18.07	17.95	19.21
Weight (g)	400	650	1,290	730	770	850
Weight (oz)	14.11	22.93	45.50	25.75	27.16	29.98
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	09-10-25	09-10-25	09-10-25	09-10-25	09-10-25	09-10-25
Skin on Fillet	N	N	N	N	N	N

MERCURY, TOTAL ug/g	.1127	.1162	.1148	.0766 JI	.1036	.0966 JI
---------------------	-------	-------	-------	----------	-------	----------

Largemouth Bass (*Micropterus salmoides*)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	361	390	336	341	335	335
Length (inches)	14.21	15.35	13.23	13.43	13.19	13.19
Weight (g)	650	770	500	520	510	610
Weight (oz)	22.93	27.16	17.64	18.34	17.99	21.52
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	09-10-25	09-10-25	09-10-25	09-10-25	09-10-25	09-10-25
Skin on Fillet	N	N	N	N	N	N

MERCURY, TOTAL ug/g	.3509	.1803	.285	.1369	.1027	.1774
---------------------	-------	-------	------	-------	-------	-------

COFC-9 Bashi Ck (Coffeeville) - Deepest point, main creek channel, Bashi Creek embayment, approximately 0.5 miles upstream of confluence with Tombigbee River.

Channel Catfish (*Ictalurus punctatus*)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	390	312	307	373	335	353
Length (inches)	15.35	12.28	12.09	14.69	13.19	13.90
Weight (g)	484	244	226	394	258	335
Weight (oz)	17.07	8.61	7.97	13.90	9.10	11.82
Sex/Age	M/4	M/4	M/4	M/4	F/3	M/4
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	10-01-25	10-01-25	10-01-25	10-01-25	10-01-25	10-01-25
Skin on Fillet	N	N	N	N	N	N

Internal Parasite

Comments

Moderate

moderate internal

parasites

Slight/Mild

slight internal

parasites

MERCURY, TOTAL ug/g	.1409	.1955	.11	.1163	.1295	.131
---------------------	-------	-------	-----	-------	-------	------

Composite - 6 Fish

Bottle Code: 10/1/2025 COFC-9 CHC 01-06

2,4'-DDD ug/g	< .001 JQ2
2,4'-DDE ug/g	< .002 JQ2
2,4'-DDT ug/g	< .001 JQ2
4,4'-DDD ug/g	< .002
4,4'-DDE ug/g	< .002
4,4'-DDT ug/g	< .002
AROCHLOR 1016 ug/g	< .067
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .125
AROCHLOR 1260 ug/g	< .076 JQ2
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0845
CHLORDANE, TOTAL ug/g	< .11
CHLORPYRIFOS ug/g	< .002 JQ2
DIELDRIN ug/g	< .002
ENDOSULFAN I ug/g	< .002
ENDOSULFAN II ug/g	< .002
ENDRIN ug/g	< .001
HEPTACHLOR ug/g	< .001
HEPTACHLOR EPOXIDE ug/g	< .001
HEXACHLOROBENZENE ug/g	< .001
LINDANE ug/g	< .001
LIPIDS %	.295
MIREX ug/g	< .001
PCBS, TOTAL ug/g	< .117
SELENIUM, TOTAL ug/g	.351 JI
TOXAPHENE ug/g	< .073

COFC-9 Bashi Ck (Coffeeville) - Deepest point, main creek channel, Bashi Creek 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)	412	350	316	316	317	318
Length (inches)	16.22	13.78	12.44	12.44	12.48	12.52
Weight (g)	906	516	430	428	400	438
Weight (oz)	31.96	18.20	15.17	15.10	14.11	15.45
Sex/Age	M/5	M/2	M/2	F/2	F/2	F/5
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-01-25	10-01-25	10-01-25	10-01-25	10-01-25	10-01-25
Skin on Fillet	N	N	N	N	N	N

MERCURY, TOTAL ug/g	.4433	.3218	.2796	.3339	.354	.7951
---------------------	-------	-------	-------	-------	------	-------

Composite - 6 Fish

Bottle Code: 10/1/2025 COFC-9 LMB 01-06

2,4'-DDD ug/g	< .001 JQ2
2,4'-DDE ug/g	< .002 JQ2
2,4'-DDT ug/g	< .001 JQ2
4,4'-DDD ug/g	< .002
4,4'-DDE ug/g	< .002
4,4'-DDT ug/g	< .002
AROCHLOR 1016 ug/g	< .067
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .125
AROCHLOR 1260 ug/g	< .076 JQ2
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0845
CHLORDANE, TOTAL ug/g	< .11
CHLORPYRIFOS ug/g	< .002 JQ2
DIELDRIN ug/g	< .002
ENDOSULFAN I ug/g	< .002
ENDOSULFAN II ug/g	< .002
ENDRIN ug/g	< .001
HEPTACHLOR ug/g	< .001
HEPTACHLOR EPOXIDE ug/g	< .001
HEXACHLOROBENZENE ug/g	< .001
LINDANE ug/g	< .001
LIPIDS %	.095
MIREX ug/g	< .001
PCBS, TOTAL ug/g	< .117
SELENIUM, TOTAL ug/g	.467 JI
TOXAPHENE ug/g	< .073

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)	320	409	370	405	403	282
Length (inches)	12.60	16.10	14.57	15.94	15.87	11.10
Weight (g)	302	558	408	494	502	164
Weight (oz)	10.65	19.68	14.39	17.43	17.71	5.78
Sex/Age	M/4	M/5	M/5	M/4	M/4	M/3
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	10-08-25	10-08-25	10-08-25	10-08-25	10-08-25	10-08-25
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.1257	.3065	.3487	.1186	.1242	.163

Composite - 6 Fish**Bottle Code: 10/8/2025 BMCB-1 CHC 01-06**

2,4'-DDD ug/g	< .001 JQ2
2,4'-DDE ug/g	< .002 JQ2
2,4'-DDT ug/g	< .001 JQ2
4,4'-DDD ug/g	< .002
4,4'-DDE ug/g	< .002
4,4'-DDT ug/g	< .002
AROCHLOR 1016 ug/g	< .067
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .125
AROCHLOR 1260 ug/g	< .076 JQ2
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0845
CHLORDANE, TOTAL ug/g	< .11
CHLORPYRIFOS ug/g	< .002 JQ2
DIELDRIN ug/g	< .002
ENDOSULFAN I ug/g	< .002
ENDOSULFAN II ug/g	< .002
ENDRIN ug/g	< .001
HEPTACHLOR ug/g	< .001
HEPTACHLOR EPOXIDE ug/g	< .001
HEXACHLOROBENZENE ug/g	< .001
LINDANE ug/g	< .001
LIPIDS %	.79
MIREX ug/g	< .001
PCBS, TOTAL ug/g	< .117
SELENIUM, TOTAL ug/g	.139 JI
TOXAPHENE ug/g	< .073

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
Length (mm)	401	351	302	279
Length (inches)	15.79	13.82	11.89	10.98
Weight (g)	922	616	356	292
Weight (oz)	32.52	21.73	12.56	10.30
Sex/Age	F/8	F/3	M/3	M/2
Age Method	Otolith	Otolith	Otolith	Otolith
Collection Date	10-08-25	10-08-25	10-08-25	10-08-25
Skin on Fillet	N	N	N	N

MERCURY, TOTAL ug/g	2.004	.456	.6775	.5222
---------------------	-------	------	-------	-------

Composite - 4 Fish**Bottle Code: 10/8/2025 BMCB-1 LMB 01-04**

2,4'-DDD ug/g	< .001 JQ2
2,4'-DDE ug/g	< .002 JQ2
2,4'-DDT ug/g	< .001 JQ2
4,4'-DDD ug/g	< .002
4,4'-DDE ug/g	< .002
4,4'-DDT ug/g	< .002
AROCHLOR 1016 ug/g	< .067
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .125
AROCHLOR 1260 ug/g	< .076 JQ2
ARSENIC, TOTAL ug/g	.079 JI
CADMIUM, TOTAL ug/g	< .0845
CHLORDANE, TOTAL ug/g	< .11
CHLORPYRIFOS ug/g	< .002 JQ2
DIELDRIN ug/g	< .002
ENDOSULFAN I ug/g	< .002
ENDOSULFAN II ug/g	< .002
ENDRIN ug/g	< .001
HEPTACHLOR ug/g	< .001
HEPTACHLOR EPOXIDE ug/g	< .001
HEXACHLOROBENZENE ug/g	< .001
LINDANE ug/g	< .001
LIPIDS %	.105
MIREX ug/g	< .001
PCBS, TOTAL ug/g	< .117
SELENIUM, TOTAL ug/g	.398 JI
TOXAPHENE ug/g	< .073

BYSM-4 Bayou Sara - Bayou Sara approximately 0.75 mile upstream of Gunnison Creek.**Channel Catfish (*Ictalurus punctatus*)**

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	420	386	333	395	420	402
Length (inches)	16.54	15.20	13.11	15.55	16.54	15.83
Weight (g)	642	468	268	452	614	532
Weight (oz)	22.65	16.51	9.45	15.94	21.66	18.77
Sex/Age	F/3	M/4	M/4	M/5	M/4	F/5
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	10-16-25	10-16-25	10-16-25	10-16-25	10-16-25	10-16-25
Skin on Fillet	N	N	N	N	N	N
Internal Parasite	Slight/Mild		Slight/Mild			
Comments	slight parasites		slight parasites			
MERCURY, TOTAL ug/g	.1494	.1599	.0653 JI	.1261	.0688 JI	.0823 JI

Composite - 6 Fish**Bottle Code: 10/16/2025 BYSM-4 CHC 01-06**

2,4'-DDD ug/g	< .001 JQ2
2,4'-DDE ug/g	< .002 JQ2
2,4'-DDT ug/g	< .001 JQ2
4,4'-DDD ug/g	< .002
4,4'-DDE ug/g	< .002
4,4'-DDT ug/g	< .002
AROCHLOR 1016 ug/g	< .067
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .125
AROCHLOR 1260 ug/g	< .076
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0845
CHLORDANE, TOTAL ug/g	< .11
CHLORPYRIFOS ug/g	< .002
DIELDRIN ug/g	< .002
ENDOSULFAN I ug/g	< .002
ENDOSULFAN II ug/g	< .002
ENDRIN ug/g	< .001
HEPTACHLOR ug/g	< .001
HEPTACHLOR EPOXIDE ug/g	< .001
HEXACHLOROBENZENE ug/g	< .001
LINDANE ug/g	< .001
LIPIDS %	.735
MIREX ug/g	< .001 JQ2
PCBS, TOTAL ug/g	< .117
SELENIUM, TOTAL ug/g	.159 JI
TOXAPHENE ug/g	< .073

BYSM-4 Bayou Sara - Bayou Sara approximately 0.75 mile upstream of Gunnison Creek.**Largemouth Bass (*Micropterus salmoides*)**

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	320	330	370	360	310	290
Length (inches)	12.60	12.99	14.57	14.17	12.20	11.42
Weight (g)	488	482	584	686	456	398
Weight (oz)	17.21	17.00	20.60	24.20	16.08	14.04
Sex/Age	M/3	F/5	F/4	M/5	F/2	M/2
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-16-25	10-16-25	10-16-25	10-16-25	10-16-25	10-16-25
Skin on Fillet	N	N	N	N	N	N
Lesions	Slight/Mild					
Comments	slight lesions					
MERCURY, TOTAL ug/g	.2529	.2698	.38	.405	.1907	.1949

Composite - 6 Fish**Bottle Code: 10/16/2025 BYSM-4 LMB 01-06**

2,4'-DDD ug/g	< .001 JQ2
2,4'-DDE ug/g	< .002 JQ2
2,4'-DDT ug/g	< .001 JQ2
4,4'-DDD ug/g	< .002
4,4'-DDE ug/g	< .002
4,4'-DDT ug/g	< .002
AROCHLOR 1016 ug/g	< .067
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .125
AROCHLOR 1260 ug/g	< .076
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0845
CHLORDANE, TOTAL ug/g	< .11
CHLORPYRIFOS ug/g	< .002
DIELDRIN ug/g	< .002
ENDOSULFAN I ug/g	< .002
ENDOSULFAN II ug/g	< .002
ENDRIN ug/g	< .001
HEPTACHLOR ug/g	< .001
HEPTACHLOR EPOXIDE ug/g	< .001
HEXACHLOROBENZENE ug/g	< .001
LINDANE ug/g	< .001
LIPIDS %	.28
MIREX ug/g	< .001 JQ2
PCBS, TOTAL ug/g	< .117
SELENIUM, TOTAL ug/g	.311 JI
TOXAPHENE ug/g	< .073

BLBW-5A Bilbo Ck - Bilbo Creek upstream of the confluence with the Tombigbee River.**Channel Catfish (*Ictalurus punctatus*)**

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	410	374	412	469	398	391
Length (inches)	16.14	14.72	16.22	18.46	15.67	15.39
Weight (g)	500	420	560	820	470	440
Weight (oz)	17.64	14.82	19.75	28.92	16.58	15.52
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	10-07-25	10-07-25	10-07-25	10-07-25	10-07-25	10-07-25
Skin on Fillet	N	N	N	N	N	N

MERCURY, TOTAL ug/g	.1602	.1564	.2368	.1561	.2423	.1334
---------------------	-------	-------	-------	-------	-------	-------

Largemouth Bass (*Micropterus salmoides*)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	406	357	358	335	400	372
Length (inches)	15.98	14.06	14.09	13.19	15.75	14.65
Weight (g)	720	600	570	470	890	770
Weight (oz)	25.40	21.16	20.11	16.58	31.39	27.16
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	10-07-25	10-07-25	10-07-25	10-07-25	10-07-25	10-07-25
Skin on Fillet	N	N	N	N	N	N

MERCURY, TOTAL ug/g	.4509	.7217	.9798	1.026	.5221	.8308
---------------------	-------	-------	-------	-------	-------	-------

BLKM-1 Black Ck - Approximately 1.4 miles upstream of Black Creek, Mobile River, Bayou Sara confluence.**Channel Catfish (*Ictalurus punctatus*)**

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	325	345	354	376	409	421
Length (inches)	12.80	13.58	13.94	14.80	16.10	16.57
Weight (g)	270	326	352	486	544	512
Weight (oz)	9.52	11.50	12.42	17.14	19.19	18.06
Sex/Age	M/5	F/5	M/5	M/5	M/4	F/4
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	10-23-25	10-23-25	10-23-25	10-23-25	10-23-25	10-23-25
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.0819 JI	.1226	.0961 JI	.0553 JI	.2069	.1497

Composite - 6 Fish**Bottle Code: 10/23/2025 BLKM-1 CHC 01-06**

2,4'-DDD ug/g	< .001 JQ2
2,4'-DDE ug/g	< .002 JQ2
2,4'-DDT ug/g	< .001 JQ2
4,4'-DDD ug/g	< .002
4,4'-DDE ug/g	< .002
4,4'-DDT ug/g	< .002
AROCHLOR 1016 ug/g	< .067
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .125
AROCHLOR 1260 ug/g	< .076
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0845
CHLORDANE, TOTAL ug/g	< .11
CHLORPYRIFOS ug/g	< .002
DIELDRIN ug/g	< .002
ENDOSULFAN I ug/g	< .002
ENDOSULFAN II ug/g	< .002
ENDRIN ug/g	< .001
HEPTACHLOR ug/g	< .001
HEPTACHLOR EPOXIDE ug/g	< .001
HEXACHLOROBENZENE ug/g	< .001
LINDANE ug/g	< .001
LIPIDS %	.165
MIREX ug/g	< .001 JQ2
PCBS, TOTAL ug/g	< .117
SELENIUM, TOTAL ug/g	.204 JI
TOXAPHENE ug/g	< .073

BLKM-1 Black Ck - Approximately 1.4 miles upstream of Black Creek, Mobile River, Bayou Sara confluence.**Largemouth Bass (*Micropterus salmoides*)**

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	362	342	310	309	315	345
Length (inches)	14.25	13.46	12.20	12.17	12.40	13.58
Weight (g)	770	608	468	430	470	666
Weight (oz)	27.16	21.45	16.51	15.17	16.58	23.49
Sex/Age	M/2	F/3	M/3	M/3	M/4	F/5
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-23-25	10-23-25	10-23-25	10-23-25	10-23-25	10-23-25
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.2329	.2376	.1542	.2438	.27	.3951

Composite - 6 Fish**Bottle Code: 10/23/2025 BLKM-1 LMB 01-06**

2,4'-DDD ug/g	< .001 JQ2
2,4'-DDE ug/g	< .002 JQ2
2,4'-DDT ug/g	< .001 JQ2
4,4'-DDD ug/g	< .002
4,4'-DDE ug/g	< .002
4,4'-DDT ug/g	< .002
AROCHLOR 1016 ug/g	< .067
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .125
AROCHLOR 1260 ug/g	< .076
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0845
CHLORDANE, TOTAL ug/g	< .11
CHLORPYRIFOS ug/g	< .002
DIELDRIN ug/g	< .002
ENDOSULFAN I ug/g	< .002
ENDOSULFAN II ug/g	< .002
ENDRIN ug/g	< .001
HEPTACHLOR ug/g	< .001
HEPTACHLOR EPOXIDE ug/g	< .001
HEXACHLOROBENZENE ug/g	< .001
LINDANE ug/g	< .001
LIPIDS %	.33
MIREX ug/g	< .001 JQ2
PCBS, TOTAL ug/g	< .117
SELENIUM, TOTAL ug/g	.408 JI
TOXAPHENE ug/g	< .073

BSBB-1 Bon Secour Bay - In main channel near confluence of Bon Secour Bay and Oyster Bay.**Red Drum (*Sciaenops ocellatus*)**

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	531	349	357	382	360	405
Length (inches)	20.91	13.74	14.06	15.04	14.17	15.94
Weight (g)	1,620	400	480	590	480	710
Weight (oz)	57.14	14.11	16.93	20.81	16.93	25.04
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	11-05-25	11-05-25	11-05-25	11-05-25	11-05-25	11-05-25
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.237	.1089	.1242	.1158	.1258	.0779 JI

Striped Mullet (*Mugil cephalus*)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	397	387	359	367	325	337
Length (inches)	15.63	15.24	14.13	14.45	12.80	13.27
Weight (g)	340	400	190	530	410	410
Weight (oz)	11.99	14.11	6.70	18.70	14.46	14.46
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	11-05-25	11-05-25	11-05-25	11-05-25	11-05-25	11-05-25
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	< .027	< .027	< .027	< .027	< .027	< .027

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
Length (mm)	303	271	226
Length (inches)	11.93	10.67	8.90
Weight (g)	340	260	170
Weight (oz)	11.99	9.17	6.00
Sex/Age			
Age Method	N/A	N/A	N/A
Collection Date	11-04-25	11-04-25	11-04-25
Skin on Fillet	N	N	N

MERCURY, TOTAL ug/g	.614	.4893	.6082
---------------------	------	-------	-------

Red Drum (*Sciaenops ocellatus*)

	Fish 1	Fish 2
Length (mm)	575	375
Length (inches)	22.64	14.76
Weight (g)	1,440	540
Weight (oz)	50.79	19.05
Sex/Age		
Age Method	N/A	N/A
Collection Date	11-04-25	11-04-25
Skin on Fillet	N	N

MERCURY, TOTAL ug/g	.2566	.173
---------------------	-------	------

Southern Flounder (*Paralichthys lethostigma*)

	Fish 1
Length (mm)	315
Length (inches)	12.40
Weight (g)	310
Weight (oz)	10.93
Sex/Age	
Age Method	N/A
Collection Date	11-04-25
Skin on Fillet	N

MERCURY, TOTAL ug/g	.1143
---------------------	-------

Striped Mullet (*Mugil cephalus*)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	356	357	336	351	330	332
Length (inches)	14.02	14.06	13.23	13.82	12.99	13.07
Weight (g)	500	490	470	570	430	430
Weight (oz)	17.64	17.28	16.58	20.11	15.17	15.17
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	11-04-25	11-04-25	11-04-25	11-04-25	11-04-25	11-04-25
Skin on Fillet	N	N	N	N	N	N

MERCURY, TOTAL ug/g	< .027	< .027	< .027	.0504 JI	< .027	< .027
---------------------	--------	--------	--------	----------	--------	--------

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
Length (mm)	475	525
Length (inches)	18.70	20.67
Weight (g)	906	1,032
Weight (oz)	31.96	36.40
Sex/Age	M/5	M/4
Age Method	Spine	Spine
Collection Date	11-06-25	11-06-25
Skin on Fillet	N	N

MERCURY, TOTAL ug/g	.2093	.7316
---------------------	-------	-------

Composite - 2 Fish**Bottle Code: 11/6/2025 CHKM-1 CHC 01-02**

2,4'-DDD ug/g	< .001 JQ2
2,4'-DDE ug/g	< .002 JQ2
2,4'-DDT ug/g	< .001 JQ2
4,4'-DDD ug/g	< .002
4,4'-DDE ug/g	< .002
4,4'-DDT ug/g	< .002
AROCHLOR 1016 ug/g	< .067
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .125
AROCHLOR 1260 ug/g	< .076
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0845
CHLORDANE, TOTAL ug/g	< .11
CHLORPYRIFOS ug/g	< .002
DIELDRIN ug/g	< .002
ENDOSULFAN I ug/g	< .002
ENDOSULFAN II ug/g	< .002
ENDRIN ug/g	< .001
HEPTACHLOR ug/g	< .001
HEPTACHLOR EPOXIDE ug/g	< .001
HEXACHLOROBENZENE ug/g	< .001
LINDANE ug/g	< .001
LIPIDS %	.565
MIREX ug/g	< .001 JQ2
PCBS, TOTAL ug/g	< .117
SELENIUM, TOTAL ug/g	.489 JI
TOXAPHENE ug/g	< .073

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	Fish 6
Length (mm)	500	319	323	348	312	338
Length (inches)	19.69	12.56	12.72	13.70	12.28	13.31
Weight (g)	1,998	524	428	484	410	468
Weight (oz)	70.48	18.48	15.10	17.07	14.46	16.51
Sex/Age	F/4	F/4	F/9	M/3	M/3	F/9
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	11-06-25	11-06-25	11-06-25	11-06-25	11-06-25	11-06-25
Skin on Fillet	N	N	N	N	N	N
Internal Parasite	Slight/Mild					
Comments	internal parasites					
MERCURY, TOTAL ug/g	.569	.6143	1.127	.5952	.6302	.9389

Composite - 6 Fish**Bottle Code: 11/6/2025 CHKM-1 LMB 01-06**

2,4'-DDD ug/g	< .001 JQ2
2,4'-DDE ug/g	< .002 JQ2
2,4'-DDT ug/g	< .001 JQ2
4,4'-DDD ug/g	< .002
4,4'-DDE ug/g	< .002
4,4'-DDT ug/g	< .002
AROCHLOR 1016 ug/g	< .067
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .125
AROCHLOR 1260 ug/g	< .076
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0845
CHLORDANE, TOTAL ug/g	< .11
CHLORPYRIFOS ug/g	< .002
DIELDRIN ug/g	< .002
ENDOSULFAN I ug/g	< .002
ENDOSULFAN II ug/g	< .002
ENDRIN ug/g	< .001
HEPTACHLOR ug/g	< .001
HEPTACHLOR EPOXIDE ug/g	< .001
HEXACHLOROBENZENE ug/g	< .001
LINDANE ug/g	< .001
LIPIDS %	.23
MIREX ug/g	< .001 JQ2
PCBS, TOTAL ug/g	< .117
SELENIUM, TOTAL ug/g	.476 JI
TOXAPHENE ug/g	< .073

ALIP-3 Coal Fire Ck (Aliceville) - Deepest point, main creek channel, Coal Fire Creek embayment, approximately one mile upstream of confluence with Tombigbee River.

Blue Catfish (*Ictalurus furcatus*)**Fish 1**

Length (mm)	496
Length (inches)	19.53
Weight (g)	840
Weight (oz)	29.63
Sex/Age	M/5
Age Method	Spine
Collection Date	09-10-25
Skin on Fillet	N

2,4'-DDD ug/g	< .001 JQ2
2,4'-DDE ug/g	< .002 JQ2
2,4'-DDT ug/g	< .001 JQ2
4,4'-DDD ug/g	< .002
4,4'-DDE ug/g	< .002
4,4'-DDT ug/g	< .002
AROCHLOR 1016 ug/g	< .067
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .125
AROCHLOR 1260 ug/g	< .076 JQ2
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0845
CHLORDANE, TOTAL ug/g	< .11
CHLORPYRIFOS ug/g	< .002 JQ2
DIELDRIN ug/g	< .002
ENDOSULFAN I ug/g	< .002
ENDOSULFAN II ug/g	< .002
ENDRIN ug/g	< .001
HEPTACHLOR ug/g	< .001
HEPTACHLOR EPOXIDE ug/g	< .001
HEXACHLOROBENZENE ug/g	< .001
LINDANE ug/g	< .001
LIPIDS %	.12
MERCURY, TOTAL ug/g	.1888
MIREX ug/g	< .001
PCBS, TOTAL ug/g	< .117
SELENIUM, TOTAL ug/g	.298 JI
TOXAPHENE ug/g	< .073

ALIP-3 Coal Fire Ck (Aliceville) - Deepest point, main creek channel, Coal Fire Creek embayment, approximately one mile upstream of confluence with Tombigbee River.

Channel Catfish (*Ictalurus punctatus*)

	Fish 1	Fish 2
Length (mm)	276	368
Length (inches)	10.87	14.49
Weight (g)	152	422
Weight (oz)	5.36	14.89
Sex/Age	M/4	M/5
Age Method	Spine	Spine
Collection Date	09-10-25	09-10-25
Skin on Fillet	N	N

MERCURY, TOTAL ug/g	.1683	.1736
---------------------	-------	-------

Composite - 2 Fish

Bottle Code: 9/10/2025 ALIP-3 CHC 01-02

2,4'-DDD ug/g	< .001 JQ2
2,4'-DDE ug/g	< .002 JQ2
2,4'-DDT ug/g	< .001 JQ2
4,4'-DDD ug/g	< .002
4,4'-DDE ug/g	< .002
4,4'-DDT ug/g	< .002
AROCHLOR 1016 ug/g	< .067
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .125
AROCHLOR 1260 ug/g	< .076
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0845
CHLORDANE, TOTAL ug/g	< .11
CHLORPYRIFOS ug/g	< .002 JQ2
DIELDRIN ug/g	< .002
ENDOSULFAN I ug/g	< .002
ENDOSULFAN II ug/g	< .002
ENDRIN ug/g	< .001
HEPTACHLOR ug/g	< .001
HEPTACHLOR EPOXIDE ug/g	< .001
HEXACHLOROBENZENE ug/g	< .001
LINDANE ug/g	< .001
LIPIDS %	.385
MIREX ug/g	< .001
PCBS, TOTAL ug/g	< .117
SELENIUM, TOTAL ug/g	.273 JI
TOXAPHENE ug/g	< .073

ALIP-3 Coal Fire Ck (Aliceville) - Deepest point, main creek channel, Coal Fire Creek embayment, approximately one mile upstream of confluence with Tombigbee River.

Largemouth Bass (*Micropterus salmoides*)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	356	394	461	357	397	300
Length (inches)	14.02	15.51	18.15	14.06	15.63	11.81
Weight (g)	606	988	2,586	692	1,052	332
Weight (oz)	21.38	34.85	91.22	24.41	37.11	11.71
Sex/Age	M/4	M/3	M/6	F/3	M/8	F/2
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	09-10-25	09-10-25	09-10-25	09-10-25	09-10-25	09-10-25
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.2145	.2453	.3787	.2826	.8005	.2565

Composite - 6 Fish**Bottle Code: 9/10/2025 ALIP-3 LMB 01-06**

2,4'-DDD ug/g	< .001 JQ2
2,4'-DDE ug/g	< .002 JQ2
2,4'-DDT ug/g	< .001 JQ2
4,4'-DDD ug/g	< .002
4,4'-DDE ug/g	< .002
4,4'-DDT ug/g	< .002
AROCHLOR 1016 ug/g	< .067
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .125
AROCHLOR 1260 ug/g	< .076 JQ2
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0845
CHLORDANE, TOTAL ug/g	< .11
CHLORPYRIFOS ug/g	< .002 JQ2
DIELDRIN ug/g	< .002
ENDOSULFAN I ug/g	< .002
ENDOSULFAN II ug/g	< .002
ENDRIN ug/g	< .001
HEPTACHLOR ug/g	< .001
HEPTACHLOR EPOXIDE ug/g	< .001
HEXACHLOROBENZENE ug/g	< .001
LINDANE ug/g	< .001
LIPIDS %	.285
MIREX ug/g	< .001
PCBS, TOTAL ug/g	< .117
SELENIUM, TOTAL ug/g	.319 JI
TOXAPHENE ug/g	< .073

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)	385	410	540	480	470	655
Length (inches)	15.16	16.14	21.26	18.90	18.50	25.79
Weight (g)	450	540	1,330	970	920	2,750
Weight (oz)	15.87	19.05	46.91	34.22	32.45	97.00
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	09-30-25	09-30-25	09-30-25	09-30-25	09-30-25	09-30-25
Skin on Fillet	N	N	N	N	N	N

MERCURY, TOTAL ug/g	.1342	.1378	.1269	.2727	.1475	.3051
---------------------	-------	-------	-------	-------	-------	-------

Largemouth Bass (*Micropterus salmoides*)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	375	360	450	315	350	348
Length (inches)	14.76	14.17	17.72	12.40	13.78	13.70
Weight (g)	670	580	1,300	360	620	470
Weight (oz)	23.63	20.46	45.86	12.70	21.87	16.58
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	09-30-25	09-30-25	09-30-25	09-30-25	09-30-25	09-30-25
Skin on Fillet	N	N	N	N	N	N

MERCURY, TOTAL ug/g	.329	.2675	.4042	.2742	.287	.323
---------------------	------	-------	-------	-------	------	------

COFC-15 Coffeerville Res - Tombigbee River approximately 2.0 mi upstream of Alabama Hwy 10 bridge. River miles 168.6-166.6. Lat/Lon calculated at river mile 166.6.

sult 0.24ug/g, channel catfish #6 mercury result 0.553ug/g. I looked at each sample plug and verified the catfish was a catfish and

Channel Catfish (*Ictalurus punctatus*)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	285	321	323	388	377	468
Length (inches)	11.22	12.64	12.72	15.28	14.84	18.43
Weight (g)	176	224	238	386	446	812
Weight (oz)	6.21	7.90	8.40	13.62	15.73	28.64
Sex/Age	M/3	F/4	M/4	F/4	M/5	F/6
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	10-08-25	10-08-25	10-08-25	10-08-25	10-08-25	10-08-25
Skin on Fillet	N	N	N	N	N	N

MERCURY, TOTAL ug/g	.0815 JI	.1215	.0962 JI	.1884	.1457	.553
---------------------	----------	-------	----------	-------	-------	------

Composite - 6 Fish

Bottle Code: 10/8/2025 COFC-15 CHC 01-06

2,4'-DDD ug/g	< .001 JQ2
2,4'-DDE ug/g	< .002 JQ2
2,4'-DDT ug/g	< .001 JQ2
4,4'-DDD ug/g	< .002
4,4'-DDE ug/g	< .002
4,4'-DDT ug/g	< .002
AROCHLOR 1016 ug/g	< .067
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .125
AROCHLOR 1260 ug/g	< .076 JQ2
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0845
CHLORDANE, TOTAL ug/g	< .11
CHLORPYRIFOS ug/g	< .002 JQ2
DIELDRIN ug/g	< .002
ENDOSULFAN I ug/g	< .002
ENDOSULFAN II ug/g	< .002
ENDRIN ug/g	< .001
HEPTACHLOR ug/g	< .001
HEPTACHLOR EPOXIDE ug/g	< .001
HEXACHLOROBENZENE ug/g	< .001
LINDANE ug/g	< .001
LIPIDS %	.15
MIREX ug/g	< .001
PCBS, TOTAL ug/g	< .117
SELENIUM, TOTAL ug/g	.33 JI
TOXAPHENE ug/g	< .073

COFC-15 Coffeerville Res - Tombigbee River approximately 2.0 mi upstream of Alabama Hwy 10 bridge. River miles 168.6-166.6. Lat/Lon calculated at river mile 166.6.

sult 0.24ug/g, channel catfish #6 mercury result 0.553ug/g. I looked at each sample plug and verified the catfish was a catfish and

Largemouth Bass (*Micropterus salmoides*)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	270	260	280	280	260	260
Length (inches)	10.63	10.24	11.02	11.02	10.24	10.24
Weight (g)	605	515	610	615	495	520
Weight (oz)	21.34	18.17	21.52	21.69	17.46	18.34
Sex/Age	F/1	F/2	M/1	M/1	M/1	F/1
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-08-25	10-08-25	10-08-25	10-08-25	10-08-25	10-08-25
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.1972	.1821	.2019	.1775	.2033	.24

Composite - 6 Fish

Bottle Code: 10/8/2025 COFC-15 LMB 01-06

2,4'-DDD ug/g	< .001 JQ2
2,4'-DDE ug/g	< .002 JQ2
2,4'-DDT ug/g	< .001 JQ2
4,4'-DDD ug/g	< .002
4,4'-DDE ug/g	< .002
4,4'-DDT ug/g	< .002
AROCHLOR 1016 ug/g	< .067
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .125
AROCHLOR 1260 ug/g	< .076 JQ2
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0845
CHLORDANE, TOTAL ug/g	< .11
CHLORPYRIFOS ug/g	< .002 JQ2
DIELDRIN ug/g	< .002
ENDOSULFAN I ug/g	< .002
ENDOSULFAN II ug/g	< .002
ENDRIN ug/g	< .001
HEPTACHLOR ug/g	< .001
HEPTACHLOR EPOXIDE ug/g	< .001
HEXACHLOROBENZENE ug/g	< .001
LINDANE ug/g	< .001
LIPIDS %	.33
MIREX ug/g	< .001
PCBS, TOTAL ug/g	< .117
SELENIUM, TOTAL ug/g	.328 JI
TOXAPHENE ug/g	< .073

COFC-19 Coffeerville Res - Approximately 1.5 miles downstream of US Hwy 80/AL Hwy 28 bridge. Tombigbee River miles 202.0-200.0. Lat/Lon was calculated at river mile 202.0.

Blue Catfish (*Ictalurus furcatus*)

	Fish 1	Fish 2	Fish 3	Fish 4
Length (mm)	555	392	365	341
Length (inches)	21.85	15.43	14.37	13.43
Weight (g)	1,620	480	340	280
Weight (oz)	57.14	16.93	11.99	9.88
Sex/Age				
Age Method	N/A	N/A	N/A	N/A
Collection Date	09-17-25	09-17-25	09-17-25	09-17-25
Skin on Fillet	N	N	N	N

MERCURY, TOTAL ug/g	.2127	.1856	.2132	.1779
---------------------	-------	-------	-------	-------

Channel Catfish (*Ictalurus punctatus*)

	Fish 1	Fish 2
Length (mm)	395	390
Length (inches)	15.55	15.35
Weight (g)	430	430
Weight (oz)	15.17	15.17
Sex/Age		
Age Method	N/A	N/A
Collection Date	09-17-25	09-17-25
Skin on Fillet	N	N

MERCURY, TOTAL ug/g	.2251	.1723
---------------------	-------	-------

Largemouth Bass (*Micropterus salmoides*)

	Fish 1	Fish 2
Length (mm)	306	349
Length (inches)	12.05	13.74
Weight (g)	310	570
Weight (oz)	10.93	20.11
Sex/Age		
Age Method	N/A	N/A
Collection Date	09-17-25	09-17-25
Skin on Fillet	N	N

MERCURY, TOTAL ug/g	.3389	.2709
---------------------	-------	-------

Spotted Bass (*Micropterus punctulatus*)

	Fish 1	Fish 2	Fish 3	Fish 4
Length (mm)	414	395	415	346
Length (inches)	16.30	15.55	16.34	13.62
Weight (g)	910	720	910	500
Weight (oz)	32.10	25.40	32.10	17.64
Sex/Age				
Age Method	N/A	N/A	N/A	N/A
Collection Date	09-17-25	09-17-25	09-17-25	09-17-25
Skin on Fillet	N	N	N	N

MERCURY, TOTAL ug/g	.2494	.4034	.3283	.3667
---------------------	-------	-------	-------	-------

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)	390	630	630	565	620	421
Length (inches)	15.35	24.80	24.80	22.24	24.41	16.57
Weight (g)	410	2,340	2,610	1,670	2,300	550
Weight (oz)	14.46	82.54	92.07	58.91	81.13	19.40
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	10-07-25	10-07-25	10-07-25	10-07-25	10-07-25	10-07-25
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.1723	.2833	.4103	.2465	.2079	.1759

Largemouth Bass (*Micropterus salmoides*)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	455	453	353	355	339	357
Length (inches)	17.91	17.83	13.90	13.98	13.35	14.06
Weight (g)	1,370	1,380	470	500	520	520
Weight (oz)	48.33	48.68	16.58	17.64	18.34	18.34
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	10-07-25	10-07-25	10-07-25	10-07-25	10-07-25	10-07-25
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.3129	.6946	.4252	.3434	.3688	.2929

Mobile County

Lat/Lon: 30.63667 / -88.09583

DOGM-1 Dog R - Dog River in the vicinity of I-10 bridge. Lat/Lon calculated at the I-10 bridge.**Largemouth Bass (*Micropterus salmoides*)**

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	427	352	327	315	295	273
Length (inches)	16.81	13.86	12.87	12.40	11.61	10.75
Weight (g)	1,090	620	530	480	320	290
Weight (oz)	38.45	21.87	18.70	16.93	11.29	10.23
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	10-22-25	10-22-25	10-22-25	10-22-25	10-22-25	10-22-25
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.6146	.2032	.2237	.142	.145	.2261

Striped Mullet (*Mugil cephalus*)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	369	409	360	345	340	400
Length (inches)	14.53	16.10	14.17	13.58	13.39	15.75
Weight (g)	630	790	560	560	390	700
Weight (oz)	22.22	27.87	19.75	19.75	13.76	24.69
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	10-22-25	10-22-25	10-22-25	10-22-25	10-22-25	10-22-25
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	< .027	< .027	< .027	< .027	< .027	< .027

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)	505	437	325	365	308	279
Length (inches)	19.88	17.20	12.80	14.37	12.13	10.98
Weight (g)	1,928	1,136	558	736	450	326
Weight (oz)	68.01	40.07	19.68	25.96	15.87	11.50
Sex/Age	F/9	F/7	M/5	F/3	M/2	M/1
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	11-05-25	11-05-25	11-05-25	11-05-25	11-05-25	11-05-25
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	1.691	1.369	.7419	.6921	.3899	.3296

Composite - 6 Fish

Bottle Code: 11/5/2025 FSHB-5 LMB 01-06

2,4'-DDD ug/g	< .001 JQ2
2,4'-DDE ug/g	< .002 JQ2
2,4'-DDT ug/g	< .001 JQ2
4,4'-DDD ug/g	< .002
4,4'-DDE ug/g	< .002
4,4'-DDT ug/g	< .002
AROCHLOR 1016 ug/g	< .067
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .125
AROCHLOR 1260 ug/g	< .076
ARSENIC, TOTAL ug/g	.151 JI
CADMIUM, TOTAL ug/g	< .0845
CHLORDANE, TOTAL ug/g	< .11
CHLORPYRIFOS ug/g	< .002
DIELDRIN ug/g	< .002
ENDOSULFAN I ug/g	< .002
ENDOSULFAN II ug/g	< .002
ENDRIN ug/g	< .001
HEPTACHLOR ug/g	< .001
HEPTACHLOR EPOXIDE ug/g	< .001
HEXACHLOROBENZENE ug/g	< .001
LINDANE ug/g	< .001
LIPIDS %	.199
MIREX ug/g	< .001 JQ2
PCBS, TOTAL ug/g	< .117
SELENIUM, TOTAL ug/g	.267 JI
TOXAPHENE ug/g	< .073

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)	294	391	300	289	345	340
Length (inches)	11.57	15.39	11.81	11.38	13.58	13.39
Weight (g)	240	778	296	280	468	498
Weight (oz)	8.47	27.44	10.44	9.88	16.51	17.57
Sex/Age	M/1	M/3	M/1	M/2	M/2	M/1
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	11-05-25	11-05-25	11-05-25	11-05-25	11-05-25	11-05-25
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	< .027	.1592	.1104	.0968 JI	.0418 JI	.0538 JI

Composite - 6 Fish**Bottle Code: 11/5/2025 FSHB-5 STM 01-06**

2,4'-DDD ug/g	< .001 JQ2
2,4'-DDE ug/g	< .002 JQ2
2,4'-DDT ug/g	< .001 JQ2
4,4'-DDD ug/g	< .002
4,4'-DDE ug/g	< .002
4,4'-DDT ug/g	< .002
AROCHLOR 1016 ug/g	< .067
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .125
AROCHLOR 1260 ug/g	< .076
ARSENIC, TOTAL ug/g	.621 JI
CADMIUM, TOTAL ug/g	< .0845
CHLORDANE, TOTAL ug/g	< .11
CHLORPYRIFOS ug/g	< .002
DIELDRIN ug/g	< .002
ENDOSULFAN I ug/g	< .002
ENDOSULFAN II ug/g	< .002
ENDRIN ug/g	< .001
HEPTACHLOR ug/g	< .001
HEPTACHLOR EPOXIDE ug/g	< .001
HEXACHLOROBENZENE ug/g	< .001
LINDANE ug/g	< .001
LIPIDS %	3.555
MIREX ug/g	< .001 JQ6
PCBS, TOTAL ug/g	< .117
SELENIUM, TOTAL ug/g	.269 JI
TOXAPHENE ug/g	< .073

FSHB-6 Fish R - Fish River in vicinity of confluence with Polecat Creek. Approximately one mile upstream of Baldwin Co Rd 32 bridge.

Channel Catfish (*Ictalurus punctatus*)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	485	487	497	360	329	487
Length (inches)	19.09	19.17	19.57	14.17	12.95	19.17
Weight (g)	1,398	1,334	1,518	388	306	1,760
Weight (oz)	49.31	47.06	53.55	13.69	10.79	62.08
Sex/Age	F/5	F/4	F/5	M/3	M/4	M/3
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	11-05-25	11-05-25	11-05-25	11-05-25	11-05-25	11-05-25
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.2278	.6768	.5621	.2812	.3234	.1473

Composite - 6 Fish**Bottle Code: 11/5/2025 FSHB-6 CHC 01-06**

2,4'-DDD ug/g	< .001 JQ2
2,4'-DDE ug/g	< .002 JQ2
2,4'-DDT ug/g	< .001 JQ2
4,4'-DDD ug/g	< .002
4,4'-DDE ug/g	< .002
4,4'-DDT ug/g	< .002
AROCHLOR 1016 ug/g	< .067
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .125
AROCHLOR 1260 ug/g	< .076
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0845
CHLORDANE, TOTAL ug/g	< .11
CHLORPYRIFOS ug/g	< .002
DIELDRIN ug/g	< .002
ENDOSULFAN I ug/g	< .002
ENDOSULFAN II ug/g	< .002
ENDRIN ug/g	< .001
HEPTACHLOR ug/g	< .001
HEPTACHLOR EPOXIDE ug/g	< .001
HEXACHLOROBENZENE ug/g	< .001
LINDANE ug/g	< .001
LIPIDS %	2.595
MIREX ug/g	< .001 JQ2
PCBS, TOTAL ug/g	< .117
SELENIUM, TOTAL ug/g	.16 JI
TOXAPHENE ug/g	< .073

FSHB-6 Fish R - Fish River in vicinity of confluence with Polecat Creek. Approximately one mile upstream of Baldwin Co Rd 32 bridge.

Largemouth Bass (*Micropterus salmoides*)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	325	410	360	415	427	453
Length (inches)	12.80	16.14	14.17	16.34	16.81	17.83
Weight (g)	472	950	570	998	1,340	1,268
Weight (oz)	16.65	33.51	20.11	35.20	47.27	44.73
Sex/Age	M/1	F/4	M/5	F	M/4	M/6
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	11-05-25	11-05-25	11-05-25	11-05-25	11-05-25	11-05-25
Skin on Fillet	N	N	N	N	N	N
Internal Parasite			Slight/Mild			Slight/Mild
Comments			slight internal parasites			slight internal parasites
MERCURY, TOTAL ug/g	.1311	1.025	1.291	1.236	.8724	1.751

Composite - 6 Fish**Bottle Code: 11/5/2025 FSHB-6 LMB 01-06**

2,4'-DDD ug/g	< .001 JQ2
2,4'-DDE ug/g	< .002 JQ2
2,4'-DDT ug/g	< .001 JQ2
4,4'-DDD ug/g	< .002
4,4'-DDE ug/g	< .002
4,4'-DDT ug/g	< .002
AROCHLOR 1016 ug/g	< .067
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .125
AROCHLOR 1260 ug/g	< .076
ARSENIC, TOTAL ug/g	.125 JI
CADMIUM, TOTAL ug/g	< .0845
CHLORDANE, TOTAL ug/g	< .11
CHLORPYRIFOS ug/g	< .002
DIELDRIN ug/g	< .002
ENDOSULFAN I ug/g	< .002
ENDOSULFAN II ug/g	< .002
ENDRIN ug/g	< .001
HEPTACHLOR ug/g	< .001
HEPTACHLOR EPOXIDE ug/g	< .001
HEXACHLOROBENZENE ug/g	< .001
LINDANE ug/g	< .001
LIPIDS %	.3
MIREX ug/g	< .001 JQ2
PCBS, TOTAL ug/g	< .117
SELENIUM, TOTAL ug/g	.302 JI
TOXAPHENE ug/g	< .073

FLR-8 Fowl R - Fowl River, in the vicinity of Muddy Creek confluence and Fowl River Road bridge crossing lat/lon calculated at bridge crossing.

Largemouth Bass (*Micropterus salmoides*)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	477	398	334	304	293	261
Length (inches)	18.78	15.67	13.15	11.97	11.54	10.28
Weight (g)	1,490	840	480	310	330	230
Weight (oz)	52.56	29.63	16.93	10.93	11.64	8.11
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	10-22-25	10-22-25	10-22-25	10-22-25	10-22-25	10-22-25
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	1.791	1.715	1.411	1.431	1.416	1.454

Striped Mullet (*Mugil cephalus*)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	385	397	374	389	385	292
Length (inches)	15.16	15.63	14.72	15.31	15.16	11.50
Weight (g)	611	620	500	720	640	260
Weight (oz)	21.55	21.87	17.64	25.40	22.58	9.17
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	10-22-25	10-22-25	10-22-25	10-22-25	10-22-25	10-22-25
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.0545 JI	.0373 JI	< .027	< .027	.0349 JI	< .027

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)	591	474	562	517	463	395
Length (inches)	23.27	18.66	22.13	20.35	18.23	15.55
Weight (g)	1,930	1,050	1,450	1,230	800	470
Weight (oz)	68.08	37.04	51.15	43.39	28.22	16.58
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	09-17-25	09-17-25	09-17-25	09-17-25	09-17-25	09-17-25
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.2402	.1893	.3044	.1268	.1599	.1819

Largemouth Bass (*Micropterus salmoides*)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	385	365	380	358	342	330
Length (inches)	15.16	14.37	14.96	14.09	13.46	12.99
Weight (g)	670	610	680	620	510	460
Weight (oz)	23.63	21.52	23.99	21.87	17.99	16.23
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	09-17-25	09-17-25	09-17-25	09-17-25	09-17-25	09-17-25
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.2093	.1632	.1807	.1681	.1914	.2057

GAIG-3 Gainesville Res - Upper reservoir. Deepest point, main river channel, approximately 0.5 miles downstream of Bogue Chitto Creek confluence.

Blue Catfish (*Ictalurus furcatus*)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	571	524	457	379	376	355
Length (inches)	22.48	20.63	17.99	14.92	14.80	13.98
Weight (g)	1,620	1,282	856	480	444	420
Weight (oz)	57.14	45.22	30.19	16.93	15.66	14.82
Sex/Age	F/7	F/6	F/5	F/6	M/3	M/3
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	09-11-25	09-11-25	09-11-25	09-11-25	09-11-25	09-11-25
Skin on Fillet	N	N	N	N	N	N

MERCURY, TOTAL ug/g	.15	.2315	.1109	.2469	.1208	.0901 JI
---------------------	-----	-------	-------	-------	-------	----------

Composite - 6 Fish**Bottle Code: 9/11/2025 GAIG-3 BLC 01-06**

2,4'-DDD ug/g	< .001 JQ2
2,4'-DDE ug/g	< .002 JQ2
2,4'-DDT ug/g	< .001 JQ2
4,4'-DDD ug/g	< .002
4,4'-DDE ug/g	< .002
4,4'-DDT ug/g	< .002
AROCHLOR 1016 ug/g	< .067
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .125
AROCHLOR 1260 ug/g	< .076 JQ2
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0845
CHLORDANE, TOTAL ug/g	< .11
CHLORPYRIFOS ug/g	< .002 JQ2
DIELDRIN ug/g	< .002
ENDOSULFAN I ug/g	< .002
ENDOSULFAN II ug/g	< .002
ENDRIN ug/g	< .001
HEPTACHLOR ug/g	< .001
HEPTACHLOR EPOXIDE ug/g	< .001
HEXACHLOROBENZENE ug/g	< .001
LINDANE ug/g	< .001
LIPIDS %	.71
MIREX ug/g	< .001
PCBS, TOTAL ug/g	< .117
SELENIUM, TOTAL ug/g	.239 JI
TOXAPHENE ug/g	< .073

GAIG-3 Gainesville Res - Upper reservoir. Deepest point, main river channel, approximately 0.5 miles downstream of Bogue Chitto Creek confluence.

Largemouth Bass (*Micropterus salmoides*)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	419	343	392	355	351	333
Length (inches)	16.50	13.50	15.43	13.98	13.82	13.11
Weight (g)	960	508	954	654	640	456
Weight (oz)	33.86	17.92	33.65	23.07	22.58	16.08
Sex/Age	F/3	F/2	M/3	M/2	M/2	F/2
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	09-11-25	09-11-25	09-11-25	09-11-25	09-11-25	09-11-25
Skin on Fillet	N	N	N	N	N	N

MERCURY, TOTAL ug/g	.2461	.1523	.2209	.1492	.2093	.2071
---------------------	-------	-------	-------	-------	-------	-------

Composite - 6 Fish**Bottle Code: 9/11/2025 GAIG-3 LMB 01-06**

2,4'-DDD ug/g	< .001 JQ2
2,4'-DDE ug/g	< .002 JQ2
2,4'-DDT ug/g	< .001 JQ2
4,4'-DDD ug/g	< .002
4,4'-DDE ug/g	< .002
4,4'-DDT ug/g	< .002
AROCHLOR 1016 ug/g	< .067
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .125
AROCHLOR 1260 ug/g	< .076 JQ2
ARSENIC, TOTAL ug/g	.102 JI
CADMIUM, TOTAL ug/g	< .0845
CHLORDANE, TOTAL ug/g	< .11
CHLORPYRIFOS ug/g	< .002 JQ2
DIELDRIN ug/g	< .002
ENDOSULFAN I ug/g	< .002
ENDOSULFAN II ug/g	< .002
ENDRIN ug/g	< .001
HEPTACHLOR ug/g	< .001
HEPTACHLOR EPOXIDE ug/g	< .001
HEXACHLOROBENZENE ug/g	< .001
LINDANE ug/g	< .001
LIPIDS %	.51
MIREX ug/g	< .001
PCBS, TOTAL ug/g	< .117
SELENIUM, TOTAL ug/g	.303 JI
TOXAPHENE ug/g	< .073

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)	245	263	322	517	485	357
Length (inches)	9.65	10.35	12.68	20.35	19.09	14.06
Weight (g)	160	230	420	2,130	1,670	670
Weight (oz)	5.64	8.11	14.82	75.13	58.91	23.63
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	11-04-25	11-04-25	11-04-25	11-04-25	11-04-25	11-04-25
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	1.099	1.316	2.5	2.475	2.551	1.061

Striped Mullet (*Mugil cephalus*)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	459	455	345	440	425	316
Length (inches)	18.07	17.91	13.58	17.32	16.73	12.44
Weight (g)	1,060	1,090	430	960	830	340
Weight (oz)	37.39	38.45	15.17	33.86	29.28	11.99
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	11-04-25	11-04-25	11-04-25	11-04-25	11-04-25	11-04-25
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.1634	.1349	< .027	.0688 JI	.0818 JI	< .027

MDRM-1 Middle R - Middle River, 4.5 miles above its confluence with the Tensaw River. T1S R1E S15 NE1/4.**Channel Catfish (*Ictalurus punctatus*)**

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	346	423	338	338	485	390
Length (inches)	13.62	16.65	13.31	13.31	19.09	15.35
Weight (g)	290	620	270	450	920	500
Weight (oz)	10.23	21.87	9.52	15.87	32.45	17.64
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	10-07-25	10-07-25	10-07-25	10-07-25	10-07-25	10-07-25
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.1111	.2248	.1414	.1819	.3383	.185

Largemouth Bass (*Micropterus salmoides*)

	Fish 1	Fish 2	Fish 3	Fish 4
Length (mm)	374	355	448	310
Length (inches)	14.72	13.98	17.64	12.20
Weight (g)	670	590	1,270	390
Weight (oz)	23.63	20.81	44.80	13.76
Sex/Age				
Age Method	N/A	N/A	N/A	N/A
Collection Date	10-07-25	10-07-25	10-07-25	10-07-25
Skin on Fillet	N	N	N	N
MERCURY, TOTAL ug/g	.3981	.4733	.902	.4471

Spotted Bass (*Micropterus punctulatus*)

	Fish 1	Fish 2
Length (mm)	404	363
Length (inches)	15.91	14.29
Weight (g)	800	540
Weight (oz)	28.22	19.05
Sex/Age		
Age Method	N/A	N/A
Collection Date	10-07-25	10-07-25
Skin on Fillet	N	N
MERCURY, TOTAL ug/g	.3402	.4272

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	Fish 6
Length (mm)	330	435	315	361	342	402
Length (inches)	12.99	17.13	12.40	14.21	13.46	15.83
Weight (g)	260	530	240	330	280	450
Weight (oz)	9.17	18.70	8.47	11.64	9.88	15.87
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	10-07-25	10-07-25	10-07-25	10-07-25	10-07-25	10-07-25
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.2727	.1756	.1877	.1955	.1866	.1853

Largemouth Bass (*Micropterus salmoides*)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	430	325	303	310	305	320
Length (inches)	16.93	12.80	11.93	12.20	12.01	12.60
Weight (g)	1,140	450	350	400	390	520
Weight (oz)	40.21	15.87	12.35	14.11	13.76	18.34
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	10-07-25	10-07-25	10-07-25	10-07-25	10-07-25	10-07-25
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.9162	.7232	.2768	.2938	.2675	.3355

MOBM-2 Mobile Bay - Little Sand Island area, Mobile River at its confluence with Mobile Bay.**Red Drum (*Sciaenops ocellatus*)**

	Fish 1	Fish 2
Length (mm)	369	339
Length (inches)	14.53	13.35
Weight (g)	682	470
Weight (oz)	24.06	16.58
Sex/Age	M/1	M/1
Age Method	Otolith	Otolith
Collection Date	11-05-25	11-05-25
Skin on Fillet	N	N

MERCURY, TOTAL ug/g	.2376	.1427
---------------------	-------	-------

Composite - 2 Fish**Bottle Code: 11/5/2025 MOBM-2 RDD 01-02**

2,4'-DDD ug/g	< .001 JQ2
2,4'-DDE ug/g	< .002 JQ2
2,4'-DDT ug/g	< .001 JQ2
4,4'-DDD ug/g	< .002
4,4'-DDE ug/g	< .002
4,4'-DDT ug/g	< .002
AROCHLOR 1016 ug/g	< .067
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .125
AROCHLOR 1260 ug/g	< .076
ARSENIC, TOTAL ug/g	.322 JI
CADMIUM, TOTAL ug/g	< .0845
CHLORDANE, TOTAL ug/g	< .11
CHLORPYRIFOS ug/g	< .002
DIELDRIN ug/g	< .002
ENDOSULFAN I ug/g	< .002
ENDOSULFAN II ug/g	< .002
ENDRIN ug/g	< .001
HEPTACHLOR ug/g	< .001
HEPTACHLOR EPOXIDE ug/g	< .001
HEXACHLOROBENZENE ug/g	< .001
LINDANE ug/g	< .001
LIPIDS %	.435
MIREX ug/g	< .001 JQ2
PCBS, TOTAL ug/g	< .117
SELENIUM, TOTAL ug/g	.515 JI
TOXAPHENE ug/g	< .073

MOBM-2 Mobile Bay - Little Sand Island area, Mobile River at its confluence with Mobile Bay.**Sheepshead (*Archosargus probatocephalus*)**

	Fish 1	Fish 2
Length (mm)	417	390
Length (inches)	16.42	15.35
Weight (g)	1,512	1,298
Weight (oz)	53.33	45.79
Sex/Age	M	M
Age Method	Otolith	Otolith
Collection Date	11-05-25	11-05-25
Skin on Fillet	N	N

MERCURY, TOTAL ug/g	.1109	.0569 JI
---------------------	-------	----------

Composite - 2 Fish**Bottle Code: 11/5/2025 MOBM-2 SHP 01-02**

2,4'-DDD ug/g	< .001 JQ2
2,4'-DDE ug/g	< .002 JQ2
2,4'-DDT ug/g	< .001 JQ2
4,4'-DDD ug/g	< .002
4,4'-DDE ug/g	< .002
4,4'-DDT ug/g	< .002
AROCHLOR 1016 ug/g	< .067
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .125
AROCHLOR 1260 ug/g	< .076
ARSENIC, TOTAL ug/g	.758 JI
CADMIUM, TOTAL ug/g	< .0845
CHLORDANE, TOTAL ug/g	< .11
CHLORPYRIFOS ug/g	< .002
DIELDRIN ug/g	< .002
ENDOSULFAN I ug/g	< .002
ENDOSULFAN II ug/g	< .002
ENDRIN ug/g	< .001
HEPTACHLOR ug/g	< .001
HEPTACHLOR EPOXIDE ug/g	< .001
HEXACHLOROBENZENE ug/g	< .001
LINDANE ug/g	< .001
LIPIDS %	1.9
MIREX ug/g	< .001 JQ2
PCBS, TOTAL ug/g	< .117
SELENIUM, TOTAL ug/g	.469 JI
TOXAPHENE ug/g	< .073

MOBM-2 Mobile Bay - Little Sand Island area, Mobile River at its confluence with Mobile Bay.**Striped Mullet (*Mugil cephalus*)**

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	443	435	452	445	414	397
Length (inches)	17.44	17.13	17.80	17.52	16.30	15.63
Weight (g)	1,022	920	1,074	1,042	800	682
Weight (oz)	36.05	32.45	37.88	36.76	28.22	24.06
Sex/Age	F	F/4	F/3	F/2	F/3	M/2
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	11-05-25	11-05-25	11-05-25	11-05-25	11-05-25	11-05-25
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	< .027	< .027	< .027	< .027	< .027	< .027

Composite - 6 Fish**Bottle Code: 11/5/2025 MOBM-2 STM 01-06**

2,4'-DDD ug/g	< .001 JQ2
2,4'-DDE ug/g	< .002 JQ2
2,4'-DDT ug/g	< .001 JQ2
4,4'-DDD ug/g	< .002
4,4'-DDE ug/g	< .002
4,4'-DDT ug/g	< .002
AROCHLOR 1016 ug/g	< .067
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .125
AROCHLOR 1260 ug/g	< .076
ARSENIC, TOTAL ug/g	.472 JI
CADMIUM, TOTAL ug/g	< .0845
CHLORDANE, TOTAL ug/g	< .11
CHLORPYRIFOS ug/g	< .002
DIELDRIN ug/g	< .002
ENDOSULFAN I ug/g	< .002
ENDOSULFAN II ug/g	< .002
ENDRIN ug/g	< .001
HEPTACHLOR ug/g	< .001
HEPTACHLOR EPOXIDE ug/g	< .001
HEXACHLOROBENZENE ug/g	< .001
LINDANE ug/g	< .001
LIPIDS %	2.82
MIREX ug/g	< .001 JQ2
PCBS, TOTAL ug/g	< .117
SELENIUM, TOTAL ug/g	.374 JI
TOXAPHENE ug/g	< .073

MOBM-5 Mobile R - Mobile River at Cold Creek, river mile 27.0.**Blue Catfish (*Ictalurus furcatus*)**

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	459	465	571	475	543	555
Length (inches)	18.07	18.31	22.48	18.70	21.38	21.85
Weight (g)	840	946	1,674	1,136	1,552	1,412
Weight (oz)	29.63	33.37	59.05	40.07	54.75	49.81
Sex/Age	F/4	M/4	F/5	F/5	F/7	F/7
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	10-01-25	10-01-25	10-01-25	10-01-25	10-01-25	10-01-25
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.0884 JI	.0841 JI	.1033	.099 JI	.1277	.19

Composite - 6 Fish**Bottle Code: 10/1/2025 MOBM-5 BLC 01-06**

2,4'-DDD ug/g	< .001 JQ2
2,4'-DDE ug/g	< .002 JQ2
2,4'-DDT ug/g	< .001 JQ2
4,4'-DDD ug/g	< .002
4,4'-DDE ug/g	< .002
4,4'-DDT ug/g	< .002
AROCHLOR 1016 ug/g	< .067
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .125
AROCHLOR 1260 ug/g	< .076 JQ2
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0845
CHLORDANE, TOTAL ug/g	< .11
CHLORPYRIFOS ug/g	< .002 JQ2
DIELDRIN ug/g	< .002
ENDOSULFAN I ug/g	< .002
ENDOSULFAN II ug/g	< .002
ENDRIN ug/g	< .001
HEPTACHLOR ug/g	< .001
HEPTACHLOR EPOXIDE ug/g	< .001
HEXACHLOROBENZENE ug/g	< .001
LINDANE ug/g	< .001
LIPIDS %	1.295
MIREX ug/g	< .001
PCBS, TOTAL ug/g	< .117
SELENIUM, TOTAL ug/g	.195 JI
TOXAPHENE ug/g	< .073

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)	466	376	435	374	344	335
Length (inches)	18.35	14.80	17.13	14.72	13.54	13.19
Weight (g)	1,706	720	1,322	888	592	520
Weight (oz)	60.18	25.40	46.63	31.32	20.88	18.34
Sex/Age	F/6	F/5	F/5	F/3	F/2	F/2
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-01-25	10-01-25	10-01-25	10-01-25	10-01-25	10-01-25
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	1.16	.7082	.7181	.5201	.5348	.3837

Composite - 6 Fish**Bottle Code: 10/1/2025 MOBM-5 LMB 01-06**

2,4'-DDD ug/g	< .001 JQ2
2,4'-DDE ug/g	< .002 JQ2
2,4'-DDT ug/g	< .001 JQ2
4,4'-DDD ug/g	< .002
4,4'-DDE ug/g	< .002
4,4'-DDT ug/g	< .002
AROCHLOR 1016 ug/g	< .067
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .125
AROCHLOR 1260 ug/g	< .076 JQ2
ARSENIC, TOTAL ug/g	.059 JI
CADMIUM, TOTAL ug/g	< .0845
CHLORDANE, TOTAL ug/g	< .11
CHLORPYRIFOS ug/g	< .002 JQ2
DIELDRIN ug/g	< .002
ENDOSULFAN I ug/g	< .002
ENDOSULFAN II ug/g	< .002
ENDRIN ug/g	< .001
HEPTACHLOR ug/g	< .001
HEPTACHLOR EPOXIDE ug/g	< .001
HEXACHLOROBENZENE ug/g	< .001
LINDANE ug/g	< .001
LIPIDS %	.44
MIREX ug/g	< .001
PCBS, TOTAL ug/g	< .117
SELENIUM, TOTAL ug/g	.86 JI
TOXAPHENE ug/g	< .073

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)	557	356	411	380	401	472
Length (inches)	21.93	14.02	16.18	14.96	15.79	18.58
Weight (g)	1,588	416	622	466	552	846
Weight (oz)	56.02	14.67	21.94	16.44	19.47	29.84
Sex/Age	M/6	M/3	M/3	M/3	M/3	M/3
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	10-01-25	10-01-25	10-01-25	10-01-25	10-01-25	10-01-25
Skin on Fillet	N	N	N	N	N	N
Internal Parasite		Moderate			Slight/Mild	Slight/Mild
Comments		Spaghetios			Slight Internal Parasites	Slight Internal Parasites
MERCURY, TOTAL ug/g	.1138	.0719 JI	.1209	.075 JI	.1834	.0665 JI

Composite - 6 Fish**Bottle Code: 10/1/2025 MOBM-6 BLC 01-06**

2,4'-DDD ug/g	< .001 JQ2
2,4'-DDE ug/g	< .002 JQ2
2,4'-DDT ug/g	< .001 JQ2
4,4'-DDD ug/g	< .002
4,4'-DDE ug/g	< .002
4,4'-DDT ug/g	< .002
AROCHLOR 1016 ug/g	< .067
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .125
AROCHLOR 1260 ug/g	< .076 JQ2
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0845
CHLORDANE, TOTAL ug/g	< .11
CHLORPYRIFOS ug/g	< .002 JQ2
DIELDRIN ug/g	< .002
ENDOSULFAN I ug/g	< .002
ENDOSULFAN II ug/g	< .002
ENDRIN ug/g	< .001
HEPTACHLOR ug/g	< .001
HEPTACHLOR EPOXIDE ug/g	< .001
HEXACHLOROBENZENE ug/g	< .001
LINDANE ug/g	< .001
LIPIDS %	.38
MIREX ug/g	< .001
PCBS, TOTAL ug/g	< .117
SELENIUM, TOTAL ug/g	.205 JI
TOXAPHENE ug/g	< .073

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)	417	321	384	360	376	378
Length (inches)	16.42	12.64	15.12	14.17	14.80	14.88
Weight (g)	934	442	786	604	798	796
Weight (oz)	32.95	15.59	27.73	21.31	28.15	28.08
Sex/Age	M/7	M/2	M/4	F/3	F/4	M/7
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-01-25	10-01-25	10-01-25	10-01-25	10-01-25	10-01-25
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	1.074	.3525	.4518	.4427	.5091	1.013

Composite - 6 Fish**Bottle Code: 10/1/2025 MOBM-6 LMB 01-06**

2,4'-DDD ug/g	< .001 JQ2
2,4'-DDE ug/g	< .002 JQ2
2,4'-DDT ug/g	< .001 JQ2
4,4'-DDD ug/g	< .002
4,4'-DDE ug/g	< .002
4,4'-DDT ug/g	< .002
AROCHLOR 1016 ug/g	< .067
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .125
AROCHLOR 1260 ug/g	< .076 JQ2
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0845
CHLORDANE, TOTAL ug/g	< .11
CHLORPYRIFOS ug/g	< .002 JQ2
DIELDRIN ug/g	< .002
ENDOSULFAN I ug/g	< .002
ENDOSULFAN II ug/g	< .002
ENDRIN ug/g	< .001
HEPTACHLOR ug/g	< .001
HEPTACHLOR EPOXIDE ug/g	< .001
HEXACHLOROBENZENE ug/g	< .001
LINDANE ug/g	< .001
LIPIDS %	.25
MIREX ug/g	< .001
PCBS, TOTAL ug/g	< .117
SELENIUM, TOTAL ug/g	.298 JI
TOXAPHENE ug/g	< .073

NGRB-1 Negro SI - Negro Slough at Tensaw River, lat/lon calculated 1.0 mile upstream of confluence with the Tensaw River.*Due to the effects of drought and a subsequent salt wedge only 1 bottom feeder/catfish was collected at this site.***Channel Catfish (Ictalurus punctatus)****Fish 1**

Length (mm)	426
Length (inches)	16.77
Weight (g)	652
Weight (oz)	23.00
Sex/Age	M/4
Age Method	Spine
Collection Date	10-15-25
Skin on Fillet	N

Internal Parasite Slight/Mild

Comments slight parasites

MERCURY, TOTAL ug/g .1918

Composite - 1 Fish**Bottle Code: 10/15/2025 NGRB-1 CHC 01-01**

2,4'-DDD ug/g < .001 JQ2

2,4'-DDE ug/g < .002 JQ2

2,4'-DDT ug/g < .001 JQ2

4,4'-DDD ug/g < .002

4,4'-DDE ug/g < .002

4,4'-DDT ug/g < .002

AROCHLOR 1016 ug/g < .067

AROCHLOR 1221 ug/g < .125

AROCHLOR 1232 ug/g < .125

AROCHLOR 1242 ug/g < .125

AROCHLOR 1248 ug/g < .125

AROCHLOR 1254 ug/g < .125

AROCHLOR 1260 ug/g < .076

ARSENIC, TOTAL ug/g < .059

CADMIUM, TOTAL ug/g < .0845

CHLORDANE, TOTAL ug/g < .11

CHLORPYRIFOS ug/g < .002

DIELDRIN ug/g < .002

ENDOSULFAN I ug/g < .002

ENDOSULFAN II ug/g < .002

ENDRIN ug/g < .001

HEPTACHLOR ug/g < .001

HEPTACHLOR EPOXIDE ug/g < .001

HEXACHLOROBENZENE ug/g < .001

LINDANE ug/g < .001

LIPIDS % 1.485

MIREX ug/g < .001 JQ2

PCBS, TOTAL ug/g < .117

SELENIUM, TOTAL ug/g .325 JI

TOXAPHENE ug/g < .073

NGRB-1 Negro SI - Negro Slough at Tensaw River, lat/lon calculated 1.0 mile upstream of confluence with the Tensaw River.*Due to the effects of drought and a subsequent salt wedge only 1 bottom feeder/catfish was collected at this site.***Largemouth Bass (*Micropterus salmoides*)**

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	265	303	339	381	359	330
Length (inches)	10.43	11.93	13.35	15.00	14.13	12.99
Weight (g)	220	384	670	634	564	448
Weight (oz)	7.76	13.55	23.63	22.36	19.89	15.80
Sex/Age	F/2	F/2	M/7	F/5	M/4	M/4
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-15-25	10-15-25	10-15-25	10-15-25	10-15-25	10-15-25
Skin on Fillet	N	N	N	N	N	N

MERCURY, TOTAL ug/g	.3783	.2074	1.053	.7117	.5128	.5159
---------------------	-------	-------	-------	-------	-------	-------

Composite - 6 Fish**Bottle Code: 10/15/2025 NGRB-1 LMB 01-06**

2,4'-DDD ug/g	< .001 JQ2
2,4'-DDE ug/g	< .002 JQ2
2,4'-DDT ug/g	< .001 JQ2
4,4'-DDD ug/g	< .002
4,4'-DDE ug/g	< .002
4,4'-DDT ug/g	< .002
AROCHLOR 1016 ug/g	< .067
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .125
AROCHLOR 1260 ug/g	< .076
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0845
CHLORDANE, TOTAL ug/g	< .11
CHLORPYRIFOS ug/g	< .002
DIELDRIN ug/g	< .002
ENDOSULFAN I ug/g	< .002
ENDOSULFAN II ug/g	< .002
ENDRIN ug/g	< .001
HEPTACHLOR ug/g	< .001
HEPTACHLOR EPOXIDE ug/g	< .001
HEXACHLOROBENZENE ug/g	< .001
LINDANE ug/g	< .001
LIPIDS %	.1
MIREX ug/g	< .001 JQ2
PCBS, TOTAL ug/g	< .117
SELENIUM, TOTAL ug/g	.334 JI
TOXAPHENE ug/g	< .073

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)	433	474	560	585	570	449
Length (inches)	17.05	18.66	22.05	23.03	22.44	17.68
Weight (g)	650	900	1,850	1,800	1,570	700
Weight (oz)	22.93	31.75	65.26	63.49	55.38	24.69
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	09-18-25	09-18-25	09-18-25	09-18-25	09-18-25	09-18-25
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.3331	.1391	.274	.2263	.3173	.1857

Largemouth Bass (*Micropterus salmoides*)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	449	375	327	330	335	354
Length (inches)	17.68	14.76	12.87	12.99	13.19	13.94
Weight (g)	1,090	660	380	480	440	420
Weight (oz)	38.45	23.28	13.40	16.93	15.52	14.82
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	09-18-25	09-18-25	09-18-25	09-18-25	09-18-25	09-18-25
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	1.234	.5263	.6945	.5403	.3414	.3033

TE-1 Tensaw R - Tensaw River at the L&N Railroad crossing, Baldwin County.*Due to the effects of drought and a subsequent salt wedge no bottom feeders/catfish were collected at this site.***Largemouth Bass (Micropterus salmoides)**

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	357	331	341	331	402	396
Length (inches)	14.06	13.03	13.43	13.03	15.83	15.59
Weight (g)	528	576	518	536	882	906
Weight (oz)	18.62	20.32	18.27	18.91	31.11	31.96
Sex/Age	F/4	M/5	M/3	F/3	F/6	F/5
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-15-25	10-15-25	10-15-25	10-15-25	10-15-25	10-15-25
Skin on Fillet	N	N	N	N	N	N
Lesions	Slight/Mild	Slight/Mild	Slight/Mild	Slight/Mild		
Comments	Lesion on chin	Lesion on back	Lesion on chin	Lesion on chin		
MERCURY, TOTAL ug/g	.4744	.4897	.4409	.3408	.8108	.8075

Composite - 6 Fish**Bottle Code: 10/15/2025 TE-1 LMB 01-06**

2,4'-DDD ug/g	< .001 JQ2
2,4'-DDE ug/g	< .002 JQ2
2,4'-DDT ug/g	< .001 JQ2
4,4'-DDD ug/g	< .002
4,4'-DDE ug/g	< .002
4,4'-DDT ug/g	< .002
AROCHLOR 1016 ug/g	< .067
AROCHLOR 1221 ug/g	< .125
AROCHLOR 1232 ug/g	< .125
AROCHLOR 1242 ug/g	< .125
AROCHLOR 1248 ug/g	< .125
AROCHLOR 1254 ug/g	< .125
AROCHLOR 1260 ug/g	< .076
ARSENIC, TOTAL ug/g	< .059
CADMIUM, TOTAL ug/g	< .0845
CHLORDANE, TOTAL ug/g	< .11
CHLORPYRIFOS ug/g	< .002
DIELDRIN ug/g	< .002
ENDOSULFAN I ug/g	< .002
ENDOSULFAN II ug/g	< .002
ENDRIN ug/g	< .001
HEPTACHLOR ug/g	< .001
HEPTACHLOR EPOXIDE ug/g	< .001
HEXACHLOROBENZENE ug/g	< .001
LINDANE ug/g	< .001
LIPIDS %	.19
MIREX ug/g	< .001 JQ2
PCBS, TOTAL ug/g	< .117
SELENIUM, TOTAL ug/g	.403 JI
TOXAPHENE ug/g	< .073

TMC9-9 Threemile Ck - Three Mile Creek downstream of the Southern Railroad trestle to confluence with the Mobile River.**Largemouth Bass (*Micropterus salmoides*)**

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	400	382	350	401	336	341
Length (inches)	15.75	15.04	13.78	15.79	13.23	13.43
Weight (g)	880	860	670	910	520	580
Weight (oz)	31.04	30.34	23.63	32.10	18.34	20.46
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	11-06-25	11-06-25	11-06-25	11-06-25	11-06-25	11-06-25
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.3861	.5062	.3177	.2728	.2263	.2322

Striped Mullet (*Mugil cephalus*)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	342	365	427	412	367	404
Length (inches)	13.46	14.37	16.81	16.22	14.45	15.91
Weight (g)	450	460	810	820	530	750
Weight (oz)	15.87	16.23	28.57	28.92	18.70	26.46
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	11-06-25	11-06-25	11-06-25	11-06-25	11-06-25	11-06-25
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.1433	.0697 JI	.0291 JI	.0278 JI	< .027	< .027

Washington County

TOMW-1 Tombigbee R - Tombigbee River at river mile 50.0 approximately 5 miles upstream of the confluence with the Alabama River.**Blue Catfish (*Ictalurus furcatus*)**

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	500	505	515	496	537	444
Length (inches)	19.69	19.88	20.28	19.53	21.14	17.48
Weight (g)	990	1,050	1,150	1,030	1,320	840
Weight (oz)	34.92	37.04	40.57	36.33	46.56	29.63
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	10-01-25	10-01-25	10-01-25	10-01-25	10-01-25	10-01-25
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.1184	.1306	.1737	.1259	.1241	.1883

Largemouth Bass (*Micropterus salmoides*)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	321	378	396	350	414	425
Length (inches)	12.64	14.88	15.59	13.78	16.30	16.73
Weight (g)	420	820	770	530	940	1,020
Weight (oz)	14.82	28.92	27.16	18.70	33.16	35.98
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	10-01-25	10-01-25	10-01-25	10-01-25	10-01-25	10-01-25
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.4202	.3965	.5305	.3672	.3506	.6953

TOMW-2 Tombigbee R - Vicinity of McIntosh landing, river mile 60.**Blue Catfish (*Ictalurus furcatus*)**

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	559	396	587	513	468	363
Length (inches)	22.01	15.59	23.11	20.20	18.43	14.29
Weight (g)	1,440	680	1,060	1,210	890	360
Weight (oz)	50.79	23.99	37.39	42.68	31.39	12.70
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	10-02-25	10-02-25	10-02-25	10-02-25	10-02-25	10-02-25
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.222	.1133	.5912	.1833	.1457	.1218

Largemouth Bass (*Micropterus salmoides*)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	368	381	352	353	305	296
Length (inches)	14.49	15.00	13.86	13.90	12.01	11.65
Weight (g)	680	640	500	610	320	300
Weight (oz)	23.99	22.58	17.64	21.52	11.29	10.58
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	10-02-25	10-02-25	10-02-25	10-02-25	10-02-25	10-02-25
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.968	1.114	.6748	.5188	.5117	.6259

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).**Channel Catfish (*Ictalurus punctatus*)**

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	603	585	598	592	474	475
Length (inches)	23.74	23.03	23.54	23.31	18.66	18.70
Weight (g)	1,840	1,760	1,890	1,840	900	880
Weight (oz)	64.90	62.08	66.67	64.90	31.75	31.04
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	09-30-25	09-30-25	09-30-25	09-30-25	09-30-25	09-30-25
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.0341 JI	.1697	.271	.1693	.1304	.1137

Largemouth Bass (*Micropterus salmoides*)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	750	1,110	550	620	530	370
Length (inches)	29.53	43.70	21.65	24.41	20.87	14.57
Weight (g)	383	422	340	352	345	311
Weight (oz)	13.51	14.89	11.99	12.42	12.17	10.97
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	09-30-25	09-30-25	09-30-25	09-30-25	09-30-25	09-30-25
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.4332	.3978	.4609	.4139	.5012	.6455

WKBB-1 Weeks Bay - Central Weeks Bay about 1.4 miles north of the mouth.**Red Drum (*Sciaenops ocellatus*)**

	Fish 1	Fish 2
Length (mm)	366	372
Length (inches)	14.41	14.65
Weight (g)	480	510
Weight (oz)	16.93	17.99
Sex/Age		
Age Method	N/A	N/A
Collection Date	11-04-25	11-04-25
Skin on Fillet	N	N

MERCURY, TOTAL ug/g	.1624	.1548
---------------------	-------	-------

Southern Flounder (*Paralichthys lethostigma*)

	Fish 1	Fish 2	Fish 3	Fish 4
Length (mm)	342	346	342	320
Length (inches)	13.46	13.62	13.46	12.60
Weight (g)	490	500	510	410
Weight (oz)	17.28	17.64	17.99	14.46
Sex/Age				
Age Method	N/A	N/A	N/A	N/A
Collection Date	11-04-25	11-04-25	11-04-25	11-04-25
Skin on Fillet	N	N	N	N

MERCURY, TOTAL ug/g	.1107	.0617 JI	.113	.0865 JI
---------------------	-------	----------	------	----------

Striped Mullet (*Mugil cephalus*)

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	465	426	435	412	392	319
Length (inches)	18.31	16.77	17.13	16.22	15.43	12.56
Weight (g)	930	860	980	800		380
Weight (oz)	32.80	30.34	34.57	28.22		13.40
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	11-04-25	11-04-25	11-04-25	11-04-25	11-04-25	11-04-25
Skin on Fillet	N	N	N	N	N	N

Comments

Total weight value
lost

MERCURY, TOTAL ug/g	< .027	.0306 JI	< .027	.0437 JI	.0334 JI	< .027
---------------------	--------	----------	--------	----------	----------	--------

ADEM Qualifiers *

JI - Estimated/Between MDL & PQL

JQ2 - Estimated/QC2

JQ6 - Estimated/QC6

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