

# ADEM Fish Tissue Monitoring Program 2020 Annual Report

---

*Tombigbee and Mobile River Basins with additional  
Coastal sites*

*July 20, 2021*

Alabama Department of Environmental Management

Field Operations Division

Montgomery Branch

## TABLE OF CONTENTS

<b>LIST OF FIGURES .....</b>	<b>3</b>
<b>LIST OF TABLES .....</b>	<b>4</b>
<b>INTRODUCTION.....</b>	<b>5</b>
<b>METHODS .....</b>	<b>10</b>
<b>RESULTS .....</b>	<b>12</b>

**LIST OF FIGURES**

**Figure 1. CY2020 FTMP sample locations..... 14**

**LIST OF TABLES**

**Table 1. Analytical parameters for the ADEM Fish Tissue Monitoring Program..... 11**

**Table 2. CY2020 FTMP sample location information; basin, locale, station ID, county, species collected and location description. .... 15**

**Table 3. CY2020 Fish Tissue Monitoring Program analytical results..... 22**

## **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 a 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 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.

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 had been exceeded proceeded as follows:

- a) Sites that exceeded EPA/FDA limits for the first time the previous year were 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 existed were 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 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,
- 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) 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 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.

Due to the adoption of the lower EPA guidance level for mercury in 2006 the number of sample locations with consumption advisories for mercury steadily increased. The combination of this increase in advisory locations with the three year basin rotation instituted in 2015 caused an increase in the number of yearly sample locations to a point that became unsustainable due to laboratory limitations as well as funding constraints. In order to maximize available laboratory resources, as well as streamline data reporting, the program was further modified in 2017 as follows. Beginning in 2017 annual fish tissue sampling was directed toward accomplishing four main goals:

- a) Sampling locations throughout the focus basin,
- b) Repetitive sampling of sites within the focus basin where the 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.

Each major drainage basin will be monitored once on a five-year rotating basis. The basin rotation will be as follows:

- a) Black Warrior and Cahaba Rivers (2017)
- b) Tennessee River (2018)
- c) Perdido-Escambia, Choctawhatchee, Pea and Chattahoochee Rivers (2019)
- d) Mobile and Tombigbee Rivers (2020)
- e) Alabama, Coosa and Tallapoosa Rivers (2021)

In addition to the major river basin schedule, coastal sample locations (locations south of the I-65 Mobile River bridge) will be 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 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. 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	EPA200.9	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		Total DDT 5.0 ug/g	
4,4-DDE	SW8081A	0.01 ug/g			
4,4-DDT	SW8081A	0.01 ug/g			
2,4-DDD	SW8081A	0.01 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

In an effort to prevent the spread of corona virus, all in lab processing of fish tissue samples was canceled for the 2020 sampling season. All samples were collected as field biopsy plugs and analyzed only for individual mercury.

From September through December 2020, samples from 492 fish (13 different species) from 41 locations (Figure 1 and Table 2) were collected and analyzed for the FTMP. Thirty-three different waterbodies were sampled. Twenty-seven locations with current consumption advisories for mercury were sampled. To date, samples comprised of several thousand fish have been collected from 388 sites for the FTMP. Analytical results for the 2020 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 99 percent of the fish observed had no anomalies, a value higher than previous years. The lower incidence of anomalies is likely due to the fact that no fish were fileted, therefore internal anomalies and parasites were not observed. The most commonly observed anomalies were lesions on the body surface. 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. CY2020 FTMP sample locations.



Table 2. CY 2020 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	Largemouth bass Channel catfish	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	Bon Secour Bay	BSBB-1	Baldwin	Sand seatrout Striped mullet	In main channel near confluence of Bon Secour Bay and Oyster Bay.
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 Striped mullet	Cowpen Ck upstream of confluence with the Fish River.
Mobile	Dog R	DOGM-1	Mobile	Largemouth bass White catfish	Dog River in the vicinity of I-10 bridge. Lat/Lon calculated at the I-10 bridge.

Table 2. CY 2020 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-6	Baldwin	Largemouth bass Striped mullet	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	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 Striped mullet Red drum Southern flounder Speckled trout	Little Sand Island area, Mobile River at its confluence with Mobile Bay.



Table 2. CY 2020 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	Channel catfish Largemouth bass	Mobile River at Cold Creek, river mile 27.0.
Mobile	Mobile R	MOBM-6	Mobile	Channel catfish Largemouth bass	Mobile River at David Lake, river mile 41.3.
Mobile	Polecat Ck	PCTB-1	Baldwin	Largemouth bass Spotted sucker Striped mullet	Polecat Creek upstream of the confluence with Fish River.
Mobile	Tensaw R	TE-1	Baldwin	Channel catfish 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	Atlantic croaker Red drum Striped mullet Speckled trout	Central Weeks Bay about 1.4 miles north of the mouth.

Table 2. CY 2020 FTMP sample location information; basin, locale, station ID, county, 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	Bear Ck Res	BCRF-1	Franklin	Channel catfish Largemouth bass	Dam forebay area of Bear Creek Reservoir. Bear Creek mile 75.
Tennessee	Cedar Ck Res	CEDF-2	Franklin	Channel catfish Largemouth bass	Dam forebay to 1.0 mile upstream of the dam.
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, Tennessee River mile 375 between the confluences of South Sauty Creek and the Tennessee River and North Sauty Creek and the Tennessee River.
Tennessee	Little Bear Ck Res	LBRF-2	Franklin	Channel catfish Largemouth bass	Dam forebay area, Little Bear Creek mile 12.5.
Tennessee	Pickwick Res	TENR-230	Colbert	Channel catfish Largemouth bass	Vicinity of Tennessee River mile 230, 2.5 miles upstream of Tennessee River/Second Creek confluence.

Table 2. CY 2020 FTMP sample location information; basin, locale, station ID, county, species collected and location description.

Basin	Locale	Station ID	County	Species Collected	Location Description
Tennessee	Pickwick Res	TENR-253	Lauderdale	Channel catfish Largemouth bass	Pickwick Reservoir between Tennessee River miles 251.0-255.0, near Sheffield, AL.
Tennessee	U Bear Ck Res	UBAM-1	Marion	Channel catfish Largemouth bass	Upper Bear Creek Reservoir dam forebay area. Upper Bear Creek mile 115.
Tennessee	Wilson Res	TENR-260	Lauderdale	Channel catfish Largemouth bass	Dam forebay at Tennessee 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.
Tombigbee	Bilbo Ck	BLBW-5A	Washington	Channel catfish Largemouth bass	Bilbo Creek upstream of the confluence with the Tombigbee River.
Tombigbee	Coffeeville Res	COFC-1	Choctaw	Blue catfish Largemouth bass	Lower reservoir. Deepest point, main river channel, dam forebay.

Table 2. CY 2020 FTMP sample location information; basin, locale, station ID, county, species collected and location description.

Basin	Locale	Station ID	County	Species Collected	Location Description
Tombigbee	Coffeeville Res	COFC-15	Marengo	Blue 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	Blue catfish Spotted bass Channel catfish Largemouth bass	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.
Tombigbee	Demopolis Res	DEMS-1	Sumter	Blue catfish Largemouth bass Channel catfish	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	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 Channel catfish	Tombigbee River at river mile 50.0 approximately 5 miles upstream of the confluence with the Alabama River.

Table 2. CY 2020 FTMP sample location information; basin, locale, station ID, county, species collected and location description.

Basin	Locale	Station ID	County	Species Collected	Location Description
Tombigbee	Tombigbee R	TOMW-2	Washington	Channel 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. CY2020 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*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	587	303	315	295	307	345
Length (inches)	23.11	11.93	12.40	11.61	12.09	13.58
Weight (g)	2,120	470	210	210	190	270
Weight (oz)	74.78	16.58	7.41	7.41	6.70	9.52
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	09-29-20	09-29-20	09-29-20	09-29-20	09-29-20	09-29-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.3885	.1416	.1053	.1096	.1302	.1162

**Largemouth Bass (*Micropterus salmoides*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	340	407	410	374	405	386
Length (inches)	13.39	16.02	16.14	14.72	15.94	15.20
Weight (g)	510	980	1,010	690	870	770
Weight (oz)	17.99	34.57	35.63	24.34	30.69	27.16
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	09-29-20	09-29-20	09-29-20	09-29-20	09-29-20	09-29-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.1415	.1769	.2169	.2428	.252	.3555

**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*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	324	334	325	349	382	475
Length (inches)	12.76	13.15	12.80	13.74	15.04	18.70
Weight (g)	260	260	230	340	450	960
Weight (oz)	9.17	9.17	8.11	11.99	15.87	33.86
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	11-12-20	11-12-20	11-12-20	11-12-20	11-12-20	11-12-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.1367	.1291	.2025	.1283	.273	.1815

**Largemouth Bass (*Micropterus salmoides*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	399	418	366	450	454	444
Length (inches)	15.71	16.46	14.41	17.72	17.87	17.48
Weight (g)	830	1,090	560	1,150	1,420	1,120
Weight (oz)	29.28	38.45	19.75	40.57	50.09	39.51
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	11-12-20	11-12-20	11-12-20	11-12-20	11-12-20	11-12-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.5573	.5427	.68	.9604	.7283	.8065

**Mobile County**

Lat/Lon: 30.83530 / -88.03520

BYSM-4, Bayou Sara - Bayou Sara approximately 0.75 mile upstream of Gunnison Creek.

**Channel Catfish (Ictalurus punctatus)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	355	367	354	323	355	322
Length (inches)	13.98	14.45	13.94	12.72	13.98	12.68
Weight (g)	340	360	290	190	290	180
Weight (oz)	11.99	12.70	10.23	6.70	10.23	6.35
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	11-17-20	11-17-20	11-17-20	11-17-20	11-17-20	11-17-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.2254	.2147	.1651	.1789	.1392	.2588

**Largemouth Bass (Micropterus salmoides)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	475	408	456	360	357	320
Length (inches)	18.70	16.06	17.95	14.17	14.06	12.60
Weight (g)	1,450	930	1,290	540	500	350
Weight (oz)	51.15	32.80	45.50	19.05	17.64	12.35
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	11-17-20	11-17-20	11-17-20	11-17-20	11-17-20	11-17-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.7628	.6212	.8937	.3911	.5351	.495

**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)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	551	496	482	504	460	513
Length (inches)	21.69	19.53	18.98	19.84	18.11	20.20
Weight (g)	1,628	987	1,007	1,090	765	1,194
Weight (oz)	57.43	34.82	35.52	38.45	26.98	42.12
Sex/Age	/7	/7	/6	/6	/6	/7
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	10-27-20	10-27-20	10-27-20	10-27-20	10-27-20	10-27-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.17	.1285	.121	.1452	.2493	.1095

**Largemouth Bass (Micropterus salmoides)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	399	393	462	404	378	413
Length (inches)	15.71	15.47	18.19	15.91	14.88	16.26
Weight (g)	919	927	1,359	885	720	884
Weight (oz)	32.42	32.70	47.94	31.22	25.40	31.18
Sex/Age	/3	/3	/7	/3	/2	/3
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-27-20	10-27-20	10-27-20	10-27-20	10-27-20	10-27-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.1767	.1637	.3257	.3537	.1941	.196



**Franklin County**

Lat/Lon: 34.39875 / -87.98717

BCRF-1, Bear Ck Res - Dam forebay area of Bear Creek Reservoir. Bear Creek mile 75.

**Channel Catfish (Ictalurus punctatus)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	464	560	515	515	540	573
Length (inches)	18.27	22.05	20.28	20.28	21.26	22.56
Weight (g)	758	1,568	1,264	1,162	1,212	1,796
Weight (oz)	26.74	55.31	44.59	40.99	42.75	63.35
Sex/Age	/5	/6	/4	/5	/6	/6
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	10-20-20	10-20-20	10-20-20	10-20-20	10-20-20	10-20-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.3482	.5916	.289	.2023	.7025	.354

**Largemouth Bass (Micropterus salmoides)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	466	420	401	431	403	424
Length (inches)	18.35	16.54	15.79	16.97	15.87	16.69
Weight (g)	1,230	810	744	1,010	1,002	1,032
Weight (oz)	43.39	28.57	26.24	35.63	35.34	36.40
Sex/Age	/6	/3	/5	/4	/4	/3
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-20-20	10-20-20	10-20-20	10-20-20	10-20-20	10-20-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.8837	.4088	.8559	.7741	.492	.7613

**Washington County**

Lat/Lon: 31.22722 / -87.94611

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

**Channel Catfish (Ictalurus punctatus)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	366	347	381	335	306	303
Length (inches)	14.41	13.66	15.00	13.19	12.05	11.93
Weight (g)	320	270	360	260	190	170
Weight (oz)	11.29	9.52	12.70	9.17	6.70	6.00
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	10-20-20	10-20-20	10-20-20	10-20-20	10-20-20	10-20-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.1254	.1758	.1603	.1614	.1253	.1645

**Largemouth Bass (Micropterus salmoides)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	392	425	399	349	345	415
Length (inches)	15.43	16.73	15.71	13.74	13.58	16.34
Weight (g)	760	1,210	920	550	530	1,120
Weight (oz)	26.81	42.68	32.45	19.40	18.70	39.51
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	10-20-20	10-20-20	10-20-20	10-20-20	10-20-20	10-20-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.6621	.4609	.6376	.5964	.6191	.5633

**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)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	286	242	264	255	225	235
Length (inches)	11.26	9.53	10.39	10.04	8.86	9.25
Weight (g)	130	110	130	130	100	120
Weight (oz)	4.59	3.88	4.59	4.59	3.53	4.23
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	11-19-20	11-19-20	11-19-20	11-19-20	11-19-20	11-19-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.1504	.126	.1158	.1513	.4175	.1132

**Striped Mullet (Mugil cephalus)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	297	271	357	342	263	336
Length (inches)	11.69	10.67	14.06	13.46	10.35	13.23
Weight (g)	200	110	380	370	120	350
Weight (oz)	7.05	3.88	13.40	13.05	4.23	12.35
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	11-19-20	11-19-20	11-19-20	11-19-20	11-19-20	11-19-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.1086	.2253	.0444 JI	.0325 JI	.0626 JI	ot Reported X

**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)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	361	333	440	272	330	272
Length (inches)	14.21	13.11	17.32	10.71	12.99	10.71
Weight (g)	580	420	1,220	250	400	270
Weight (oz)	20.46	14.82	43.03	8.82	14.11	9.52
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	11-19-20	11-19-20	11-19-20	11-19-20	11-19-20	11-19-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.5893	1.6234	2.792	.4157	1.9075	.4982

**Striped Mullet (Mugil cephalus)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	371	332	347	329	386	363
Length (inches)	14.61	13.07	13.66	12.95	15.20	14.29
Weight (g)	490	400	450	380	630	520
Weight (oz)	17.28	14.11	15.87	13.40	22.22	18.34
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	11-19-20	11-19-20	11-19-20	11-19-20	11-19-20	11-19-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.1257	.1745	.1144	.4527	.1209	.081

**Franklin County**

Lat/Lon: 34.54403 / -87.97369

CEDF-2, Cedar Ck Res - Dam forebay to 1.0 mile upstream of the dam.

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

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	458	476	480	443	595	484
Length (inches)	18.03	18.74	18.90	17.44	23.43	19.06
Weight (g)	788	960	1,062	708	2,246	840
Weight (oz)	27.80	33.86	37.46	24.97	79.23	29.63
Sex/Age	/10	/7	/7	/6	/6	/7
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	10-22-20	10-22-20	10-22-20	10-22-20	10-22-20	10-22-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.1381	.1933	.1554	.1367	.2232	.1184

**Largemouth Bass (*Micropterus salmoides*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	395	361	330	316	329	343
Length (inches)	15.55	14.21	12.99	12.44	12.95	13.50
Weight (g)	880	586	480	462	478	492
Weight (oz)	31.04	20.67	16.93	16.30	16.86	17.35
Sex/Age	/5	/2	/2	/2	/2	/3
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-22-20	10-22-20	10-22-20	10-22-20	10-22-20	10-22-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	< .03	.3149	.2511	.2251	.423	.213

**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 Chickasawbogoe Park.

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

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	350	378	456	517	397	402
Length (inches)	13.78	14.88	17.95	20.35	15.63	15.83
Weight (g)	310	420	690	990	410	460
Weight (oz)	10.93	14.82	24.34	34.92	14.46	16.23
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	11-12-20	11-12-20	11-12-20	11-12-20	11-12-20	11-12-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.2469	.5167	.2862	1.3428	.4199	.8324

**Largemouth Bass (*Micropterus salmoides*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	475	466	320	347	310	396
Length (inches)	18.70	18.35	12.60	13.66	12.20	15.59
Weight (g)	1,400	1,300	420	600	390	920
Weight (oz)	49.38	45.86	14.82	21.16	13.76	32.45
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	11-12-20	11-12-20	11-12-20	11-12-20	11-12-20	11-12-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.9388	.8777	.4736	.6151	1.0186	.8866

**Choctaw County**

Lat/Lon: 31.75291 / -88.13382

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

**Blue Catfish (*Ictalurus furcatus*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	371	472	471	363	446	686
Length (inches)	14.61	18.58	18.54	14.29	17.56	27.01
Weight (g)	380	800	870	340	700	3,110
Weight (oz)	13.40	28.22	30.69	11.99	24.69	109.70
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	10-07-20	10-07-20	10-07-20	10-07-20	10-07-20	10-07-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.1213	.2057	.2153	.1412	.1429	.2033

**Largemouth Bass (*Micropterus salmoides*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	468	413	417	368	441	310
Length (inches)	18.43	16.26	16.42	14.49	17.36	12.20
Weight (g)	1,690	840	910	660	990	360
Weight (oz)	59.61	29.63	32.10	23.28	34.92	12.70
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	10-07-20	10-07-20	10-07-20	10-07-20	10-07-20	10-07-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.5447	.5097	.3372	.3497	.5424	.2395

**Marengo County**

Lat/Lon: 32.14367 / -88.02311

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.

**Blue Catfish (*Ictalurus furcatus*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	510	502	414	495	385	595
Length (inches)	20.08	19.76	16.30	19.49	15.16	23.43
Weight (g)	1,150	1,030	550	970	430	1,820
Weight (oz)	40.57	36.33	19.40	34.22	15.17	64.20
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	10-08-20	10-08-20	10-08-20	10-08-20	10-08-20	10-08-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.3673	.2022	.2032	.1523	.1518	.2097

**Largemouth Bass (*Micropterus salmoides*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	354	310	330	360	412	370
Length (inches)	13.94	12.20	12.99	14.17	16.22	14.57
Weight (g)	480	370	500	610	1,010	810
Weight (oz)	16.93	13.05	17.64	21.52	35.63	28.57
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	10-08-20	10-08-20	10-08-20	10-08-20	10-08-20	10-08-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.3496	.2748	.2287	.3774	.3612	.2745

COFC-19, Coffeeville 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*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>
Length (mm)	430	386	371	386
Length (inches)	16.93	15.20	14.61	15.20
Weight (g)	650	430	430	420
Weight (oz)	22.93	15.17	15.17	14.82
Sex/Age				
Age Method	N/A	N/A	N/A	N/A
Collection Date	10-09-20	10-09-20	10-09-20	10-09-20
Skin on Fillet	N	N	N	N
MERCURY, TOTAL ug/g	.2074	.1983	.191	.173

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

	<b>Fish 1</b>	<b>Fish 2</b>
Length (mm)	375	556
Length (inches)	14.76	21.89
Weight (g)	410	930
Weight (oz)	14.46	32.80
Sex/Age		
Age Method	N/A	N/A
Collection Date	10-09-20	10-09-20
Skin on Fillet	N	N
MERCURY, TOTAL ug/g	.1948	.1505

**Largemouth Bass (*Micropterus salmoides*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>
Length (mm)	357	286	329	331
Length (inches)	14.06	11.26	12.95	13.03
Weight (g)	590	280	350	530
Weight (oz)	20.81	9.88	12.35	18.70
Sex/Age				
Age Method	N/A	N/A	N/A	N/A
Collection Date	10-09-20	10-09-20	10-09-20	10-09-20
Skin on Fillet	N	N	N	N
MERCURY, TOTAL ug/g	.4188	.396	.3507	.3255

**Spotted Bass (*Micropterus punctulatus*)**

	<b>Fish 1</b>	<b>Fish 2</b>
Length (mm)	382	355
Length (inches)	15.04	13.98
Weight (g)	680	560
Weight (oz)	23.99	19.75
Sex/Age		
Age Method	N/A	N/A
Collection Date	10-09-20	10-09-20
Skin on Fillet	N	N
MERCURY, TOTAL ug/g	.3356	.29

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

**Largemouth Bass (*Micropterus salmoides*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	405	274	373	325	276	286
Length (inches)	15.94	10.79	14.69	12.80	10.87	11.26
Weight (g)	760	240	740	370	270	290
Weight (oz)	26.81	8.47	26.10	13.05	9.52	10.23
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	11-17-20	11-17-20	11-17-20	11-17-20	11-17-20	11-17-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	1.759	1.4551	2.4142	1.493	1.5681	1.5428

**Striped Mullet (*Mugil cephalus*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	345	365	329	341	322	346
Length (inches)	13.58	14.37	12.95	13.43	12.68	13.62
Weight (g)	390	480	370	400	340	400
Weight (oz)	13.76	16.93	13.05	14.11	11.99	14.11
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	11-17-20	11-17-20	11-17-20	11-17-20	11-17-20	11-17-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.5503	.0901 JI	.4167	.1197	.1578	.1418

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

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

Length (mm)	263
Length (inches)	10.35
Weight (g)	180
Weight (oz)	6.35
Sex/Age	
Age Method	N/A
Collection Date	10-14-20
Skin on Fillet	N

MERCURY, TOTAL ug/g	.1412
---------------------	-------

**Channel Catfish (*Ictalurus punctatus*)****Fish 1****Fish 2****Fish 3****Fish 4****Fish 5**

Length (mm)	320	338	395	337	332
Length (inches)	12.60	13.31	15.55	13.27	13.07
Weight (g)	290	400	470	280	220
Weight (oz)	10.23	14.11	16.58	9.88	7.76
Sex/Age					
Age Method	N/A	N/A	N/A	N/A	N/A
Collection Date	10-14-20	10-14-20	10-14-20	10-14-20	10-14-20
Skin on Fillet	N	N	N	N	N

MERCURY, TOTAL ug/g	.1438	.1599	.1125	.1503	.1329
---------------------	-------	-------	-------	-------	-------

**Largemouth Bass (*Micropterus salmoides*)****Fish 1****Fish 2****Fish 3****Fish 4****Fish 5****Fish 6**

Length (mm)	424	550	452	345	328	324
Length (inches)	16.69	21.65	17.80	13.58	12.91	12.76
Weight (g)	960	1,720	1,280	660	580	580
Weight (oz)	33.86	60.67	45.15	23.28	20.46	20.46
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	10-14-20	10-14-20	10-14-20	10-14-20	10-14-20	10-14-20
Skin on Fillet	N	N	N	N	N	N

MERCURY, TOTAL ug/g	.4024	.5525	.4333	.2753	.2662	.2292
---------------------	-------	-------	-------	-------	-------	-------

**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)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	373	321	309	329	374	382
Length (inches)	14.69	12.64	12.17	12.95	14.72	15.04
Weight (g)	720	440	420	450	710	850
Weight (oz)	25.40	15.52	14.82	15.87	25.04	29.98
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	11-12-20	11-12-20	11-12-20	11-12-20	11-12-20	11-12-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.2756	.1797	.2215	.3049	.3482	.3457

**White Catfish (Ameiurus catus)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	326	400	386	318	447	475
Length (inches)	12.83	15.75	15.20	12.52	17.60	18.70
Weight (g)	350	670	550	370	940	1,300
Weight (oz)	12.35	23.63	19.40	13.05	33.16	45.86
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	11-12-20	11-12-20	11-12-20	11-12-20	11-12-20	11-12-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.1319	.1496	.1831	.1623	.1119	.172

**Baldwin County**

Lat/Lon: 30.48394 / -87.80289

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)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	440	407	394	363	330	345
Length (inches)	17.32	16.02	15.51	14.29	12.99	13.58
Weight (g)	1,110	930	780	740	510	580
Weight (oz)	39.15	32.80	27.51	26.10	17.99	20.46
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	11-18-20	11-18-20	11-18-20	11-18-20	11-18-20	11-18-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	2.0059	1.5343	3.4635	1.9014	2.3795	1.0391

**Striped Mullet (Mugil cephalus)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	377	360	404	367	358	350
Length (inches)	14.84	14.17	15.91	14.45	14.09	13.78
Weight (g)	480	440	550	510	490	400
Weight (oz)	16.93	15.52	19.40	17.99	17.28	14.11
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	11-18-20	11-18-20	11-18-20	11-18-20	11-18-20	11-18-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.1588	.1114	.1109	.1307	.1006	.1052



**Mobile County**

Lat/Lon: 30.46244 / -88.15594

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*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	409	349	435	335	386	315
Length (inches)	16.10	13.74	17.13	13.19	15.20	12.40
Weight (g)	960	540	1,110	490	760	450
Weight (oz)	33.86	19.05	39.15	17.28	26.81	15.87
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	11-16-20	11-16-20	11-16-20	11-16-20	11-16-20	11-16-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	1.7422	.9505	1.2103	1.3486	2.1262	.3778

**Striped Mullet (*Mugil cephalus*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	355	345	372	383	415	312
Length (inches)	13.98	13.58	14.65	15.08	16.34	12.28
Weight (g)	460	420	530	520	660	340
Weight (oz)	16.23	14.82	18.70	18.34	23.28	11.99
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	11-16-20	11-16-20	11-16-20	11-16-20	11-16-20	11-16-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.1838	.091 JI	.0487	.1124	.0492 JI	.1292

**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*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	502	430	572	486	510	465
Length (inches)	19.76	16.93	22.52	19.13	20.08	18.31
Weight (g)	1,000	570	1,590	830	1,010	960
Weight (oz)	35.27	20.11	56.09	29.28	35.63	33.86
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	09-28-20	09-28-20	09-28-20	09-28-20	09-28-20	09-28-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.1378	.1292	.1848	.2313	.1986	.1798

**Largemouth Bass (*Micropterus salmoides*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	400	330	435	395	439	346
Length (inches)	15.75	12.99	17.13	15.55	17.28	13.62
Weight (g)	870	520	1,130	900	1,190	550
Weight (oz)	30.69	18.34	39.86	31.75	41.98	19.40
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	09-28-20	09-28-20	09-28-20	09-28-20	09-28-20	09-28-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.3038	.2959	.4905	.4963	.2974	.2901

**Marshall County**

Lat/Lon: 34.42378 / -86.37447

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

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

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	494	510	456	478	480	430
Length (inches)	19.45	20.08	17.95	18.82	18.90	16.93
Weight (g)	1,152	1,196	908	1,156	924	746
Weight (oz)	40.64	42.19	32.03	40.78	32.59	26.31
Sex/Age	/7	/6	/5	/4	/6	/5
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	10-13-20	10-13-20	10-13-20	10-13-20	10-13-20	10-13-20
Skin on Fillet	N	N	N	N	N	N

MERCURY, TOTAL ug/g	.0954 JI	.0834 JI	.1481	.1498	.2304	.0859 JI
---------------------	----------	----------	-------	-------	-------	----------

**Largemouth Bass (*Micropterus salmoides*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	396	429	392	432	361	348
Length (inches)	15.59	16.89	15.43	17.01	14.21	13.70
Weight (g)	888	1,324	846	1,040	616	616
Weight (oz)	31.32	46.70	29.84	36.68	21.73	21.73
Sex/Age	/3	/4	/4	/3	/2	/3
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-13-20	10-13-20	10-13-20	10-13-20	10-13-20	10-13-20
Skin on Fillet	N	N	N	N	N	N

MERCURY, TOTAL ug/g	.213	.1911	.1444	.1748	.1142	.2569
---------------------	------	-------	-------	-------	-------	-------

**Jackson County**

Lat/Lon: 34.55231 / -86.12161

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

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

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	644	424	406	490	433	540
Length (inches)	25.35	16.69	15.98	19.29	17.05	21.26
Weight (g)	2,626	606	499	1,088	603	1,381
Weight (oz)	92.63	21.38	17.60	38.38	21.27	48.71
Sex/Age	/6	/4	/4	/5	/4	/6
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	10-14-20	10-14-20	10-14-20	10-14-20	10-14-20	10-14-20
Skin on Fillet	N	N	N	N	N	N

MERCURY, TOTAL ug/g	.0545 JI	.0933 JI	.1546	.1845	.1114	.0937 JI
---------------------	----------	----------	-------	-------	-------	----------

**Largemouth Bass (*Micropterus salmoides*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	437	380	393	340	367	370
Length (inches)	17.20	14.96	15.47	13.39	14.45	14.57
Weight (g)	1,314	684	948	586	792	752
Weight (oz)	46.35	24.13	33.44	20.67	27.94	26.53
Sex/Age	/3	/4	/3	/3	/3	/4
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-14-20	10-14-20	10-14-20	10-14-20	10-14-20	10-14-20
Skin on Fillet	N	N	N	N	N	N

MERCURY, TOTAL ug/g	.1536	.1314	.1878	.1091	.1721	.1664
---------------------	-------	-------	-------	-------	-------	-------

## Franklin County

Lat/Lon: 34.45193 / -87.97322

LBRF-2, Little Bear Ck Res - Dam forebay area, Little Bear Creek mile 12.5.

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

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	513	501	555	562	500	590
Length (inches)	20.20	19.72	21.85	22.13	19.69	23.23
Weight (g)	1,403	1,400	1,647	1,764	1,217	2,070
Weight (oz)	49.49	49.38	58.10	62.22	42.93	73.02
Sex/Age	/8	/7	/6	/5	/5	/6
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	10-21-20	10-21-20	10-21-20	10-21-20	10-21-20	10-21-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.1785	.1521	.2252	.2597	.1641	.2296

**Largemouth Bass (*Micropterus salmoides*)**

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	400	427	409	391	407	433
Length (inches)	15.75	16.81	16.10	15.39	16.02	17.05
Weight (g)	1,028	1,150	910	722	942	1,129
Weight (oz)	36.26	40.57	32.10	25.47	33.23	39.82
Sex/Age	/3	/5	/4	/2	/2	/3
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-21-20	10-21-20	10-21-20	10-21-20	10-21-20	10-21-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.4098	.674	.83	.4994	.5385	.5304

## 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)	505	282	321	275	343	373
Length (inches)	19.88	11.10	12.64	10.83	13.50	14.69
Weight (g)	2,100	280	410	270	550	710
Weight (oz)	74.08	9.88	14.46	9.52	19.40	25.04
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	11-17-20	11-17-20	11-17-20	11-17-20	11-17-20	11-17-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	1.1129	.6243	.8521	.4799	.9635	1.6496

**Striped Mullet (*Muqil cephalus*)**

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	380	344	387	330	384	379
Length (inches)	14.96	13.54	15.24	12.99	15.12	14.92
Weight (g)	570	440	610	340	560	610
Weight (oz)	20.11	15.52	21.52	11.99	19.75	21.52
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	11-17-20	11-17-20	11-17-20	11-17-20	11-17-20	11-17-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.0896 JI	.1054	.0828 JI	.0698 JI	.0453 JI	.108

**Baldwin County**

Lat/Lon: 30.96589 / -87.95983

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*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	352	407	355	410	401	512
Length (inches)	13.86	16.02	13.98	16.14	15.79	20.16
Weight (g)	270	460	350	430	430	1,100
Weight (oz)	9.52	16.23	12.35	15.17	15.17	38.80
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	11-03-20	11-03-20	11-03-20	11-03-20	11-03-20	11-03-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.1784	.1701	.1164	.2364	.1504	.1967

**Largemouth Bass (*Micropterus salmoides*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	332	395	358	338	355	241
Length (inches)	13.07	15.55	14.09	13.31	13.98	9.49
Weight (g)	400	840	670	520	650	170
Weight (oz)	14.11	29.63	23.63	18.34	22.93	6.00
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	11-03-20	11-03-20	11-03-20	11-03-20	11-03-20	11-03-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.5706	.6409	.55	.3696	.6093	.5408

**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*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	427	368	475	425	425	335
Length (inches)	16.81	14.49	18.70	16.73	16.73	13.19
Weight (g)	560	340	940	550	530	230
Weight (oz)	19.75	11.99	33.16	19.40	18.70	8.11
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	11-04-20	11-04-20	11-04-20	11-04-20	11-04-20	11-04-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.1764	.1887	.1738	.2361	.2091	.1927

**Largemouth Bass (*Micropterus salmoides*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	345	307	353	302	315	342
Length (inches)	13.58	12.09	13.90	11.89	12.40	13.46
Weight (g)	510	360	580	360	360	540
Weight (oz)	17.99	12.70	20.46	12.70	12.70	19.05
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	11-04-20	11-04-20	11-04-20	11-04-20	11-04-20	11-04-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.2765	.2284	.3536	.2114	.3481	.3158

MOBM-2, Mobile Bay - Little Sand Island area, Mobile River at its confluence with Mobile Bay.

**Red Drum (*Sciaenops ocellatus*)**

	<b>Fish 1</b>	<b>Fish 2</b>
Length (mm)	415	368
Length (inches)	16.34	14.49
Weight (g)	690	480
Weight (oz)	24.34	16.93
Sex/Age		
Age Method	N/A	N/A
Collection Date	12-09-20	12-09-20
Skin on Fillet	N	N
MERCURY, TOTAL ug/g	.1672	.1235

**Sheepshead (*Archosargus probatocephalus*)**

	<b>Fish 1</b>	<b>Fish 2</b>
Length (mm)	345	282
Length (inches)	13.58	11.10
Weight (g)	720	360
Weight (oz)	25.40	12.70
Sex/Age		
Age Method	N/A	N/A
Collection Date	12-09-20	12-09-20
Skin on Fillet	N	N
MERCURY, TOTAL ug/g	.1136	.0591

**Southern Flounder (*Paralichthys lethostigma*)**

	<b>Fish 1</b>
Length (mm)	350
Length (inches)	13.78
Weight (g)	490
Weight (oz)	17.28
Sex/Age	
Age Method	N/A
Collection Date	12-09-20
Skin on Fillet	N
MERCURY, TOTAL ug/g	.1203

**Speckled Trout (*Cynoscion nebulosus*)**

	<b>Fish 1</b>
Length (mm)	335
Length (inches)	13.19
Weight (g)	320
Weight (oz)	11.29
Sex/Age	
Age Method	N/A
Collection Date	12-09-20
Skin on Fillet	N
MERCURY, TOTAL ug/g	.1599

**Striped Mullet (*Mugil cephalus*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	381	398	378	382	405	374
Length (inches)	15.00	15.67	14.88	15.04	15.94	14.72
Weight (g)	590	710	420	630	640	520
Weight (oz)	20.81	25.04	14.82	22.22	22.58	18.34
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	12-09-20	12-09-20	12-09-20	12-09-20	12-09-20	12-09-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.0395	.037	.0346	.0326	.1379	.1158

**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*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	302	365	424	367	393	451
Length (inches)	11.89	14.37	16.69	14.45	15.47	17.76
Weight (g)	190	380	670	310	450	730
Weight (oz)	6.70	13.40	23.63	10.93	15.87	25.75
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	10-21-20	10-21-20	10-21-20	10-21-20	10-21-20	10-21-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.1573	1.1248	.2107	.411	.1476	.3387

**Largemouth Bass (*Micropterus salmoides*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	386	320	385	330	330	380
Length (inches)	15.20	12.60	15.16	12.99	12.99	14.96
Weight (g)	720	380	750	450	460	670
Weight (oz)	25.40	13.40	26.46	15.87	16.23	23.63
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	10-21-20	10-21-20	10-21-20	10-21-20	10-21-20	10-21-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.4767	.4076	.6404	.4211	.7242	1.0665

**Mobile County**

Lat/Lon: 31.09292 / -87.97311

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

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

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	376	398	373	416	462	483
Length (inches)	14.80	15.67	14.69	16.38	18.19	19.02
Weight (g)	350	410	350	490	780	930
Weight (oz)	12.35	14.46	12.35	17.28	27.51	32.80
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	11-11-20	11-11-20	11-11-20	11-11-20	11-11-20	11-11-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.1338	.1742	.1683	.127	.147	.2639

**Largemouth Bass (*Micropterus salmoides*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	355	335	356	323	342	418
Length (inches)	13.98	13.19	14.02	12.72	13.46	16.46
Weight (g)	490	470	520	410	460	1,020
Weight (oz)	17.28	16.58	18.34	14.46	16.23	35.98
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	11-11-20	11-11-20	11-11-20	11-11-20	11-11-20	11-11-20
Skin on Fillet	N	N	N	N	N	N
Lesions			Slight/Mild			
Comments			Slight lesions			
MERCURY, TOTAL ug/g	.8874	.5078	.357	.4244	.2984	.6961

**Colbert County**

Lat/Lon: 34.89692 / -88.01547

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

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

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	444	450	421	412	449	421
Length (inches)	17.48	17.72	16.57	16.22	17.68	16.57
Weight (g)	768	1,015	760	637	958	631
Weight (oz)	27.09	35.80	26.81	22.47	33.79	22.26
Sex/Age	/3	/4	/4	/4	/6	/5
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	10-28-20	10-28-20	10-28-20	10-28-20	10-28-20	10-28-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.1567	.1401	.1435	.1123	.1005	.1302

**Largemouth Bass (*Micropterus salmoides*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	383	345	421	330	415	325
Length (inches)	15.08	13.58	16.57	12.99	16.34	12.80
Weight (g)	1,023	619	1,129	609	1,113	539
Weight (oz)	36.09	21.83	39.82	21.48	39.26	19.01
Sex/Age	/5	/2	/4	/3	/5	/2
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-28-20	10-28-20	10-28-20	10-28-20	10-28-20	10-28-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.5461	.1606	.2602	.2787	.4543	.1161

**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*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	508	530	451	456	419	442
Length (inches)	20.00	20.87	17.76	17.95	16.50	17.40
Weight (g)	1,056	1,114	683	878	640	829
Weight (oz)	37.25	39.30	24.09	30.97	22.58	29.24
Sex/Age	/6	/6	/6	/6	/6	/6
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	11-24-20	11-24-20	11-24-20	11-24-20	11-24-20	11-24-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.1404	.5571	.1297	.1487	.153	.1563

**Largemouth Bass (*Micropterus salmoides*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	420	421	425	416	396	393
Length (inches)	16.54	16.57	16.73	16.38	15.59	15.47
Weight (g)	1,075	1,283	1,350	1,180	969	897
Weight (oz)	37.92	45.26	47.62	41.62	34.18	31.64
Sex/Age	/3	/2	/2	/3	/3	/2
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	11-24-20	11-24-20	11-24-20	11-24-20	11-24-20	11-24-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.1203	.1528	.1532	.1715	.1232	.1233

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

**Largemouth Bass (*Micropterus salmoides*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	395	283	460	437	343	364
Length (inches)	15.55	11.14	18.11	17.20	13.50	14.33
Weight (g)	730	240	1,112	1,244	642	742
Weight (oz)	25.75	8.47	39.22	43.88	22.65	26.17
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	11-17-20	11-17-20	11-17-20	11-17-20	11-17-20	11-17-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	1.3293	.2884	2.261	2.2568	1.8726	.7811

**Spotted Sucker (*Minytrema melanops*)**

	<b>Fish 1</b>
Length (mm)	435
Length (inches)	17.13
Weight (g)	930
Weight (oz)	32.80
Sex/Age	
Age Method	N/A
Collection Date	11-17-20
Skin on Fillet	N
MERCURY, TOTAL ug/g	.6321

**Striped Mullet (*Mugil cephalus*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>
Length (mm)	385	354	367	370	346
Length (inches)	15.16	13.94	14.45	14.57	13.62
Weight (g)	520	420	420	400	390
Weight (oz)	18.34	14.82	14.82	14.11	13.76
Sex/Age					
Age Method	N/A	N/A	N/A	N/A	N/A
Collection Date	11-17-20	11-17-20	11-17-20	11-17-20	11-17-20
Skin on Fillet	N	N	N	N	N
MERCURY, TOTAL ug/g	.1098	.1499	.1301	.1134	.108



**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*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>
Length (mm)	297	426	407	419
Length (inches)	11.69	16.77	16.02	16.50
Weight (g)	180	640	490	580
Weight (oz)	6.35	22.58	17.28	20.46
Sex/Age				
Age Method	N/A	N/A	N/A	N/A
Collection Date	09-29-20	09-29-20	09-29-20	09-29-20
Skin on Fillet	N	N	N	N
MERCURY, TOTAL ug/g	.221	.1293	.2327	.2027

**Largemouth Bass (*Micropterus salmoides*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	456	314	341	315	334	255
Length (inches)	17.95	12.36	13.43	12.40	13.15	10.04
Weight (g)	1,200	400	520	400	420	240
Weight (oz)	42.33	14.11	18.34	14.11	14.82	8.47
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	09-29-20	09-29-20	09-29-20	09-29-20	09-29-20	09-29-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.5203	.3808	.5314	.3652	.2856	.2695

**Baldwin County**

Lat/Lon: 30.84278 / -87.91083

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

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

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	410	406	413	375	389	465
Length (inches)	16.14	15.98	16.26	14.76	15.31	18.31
Weight (g)	510	510	510	350	520	840
Weight (oz)	17.99	17.99	17.99	12.35	18.34	29.63
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	11-18-20	11-18-20	11-18-20	11-18-20	11-18-20	11-18-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.3813	.19	.2804	.1836	.3088	.3025

**Largemouth Bass (*Micropterus salmoides*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	430	374	352	330	330	377
Length (inches)	16.93	14.72	13.86	12.99	12.99	14.84
Weight (g)	1,220	590	540	390	470	790
Weight (oz)	43.03	20.81	19.05	13.76	16.58	27.87
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	11-18-20	11-18-20	11-18-20	11-18-20	11-18-20	11-18-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.5313	.7134	.4441	.3238	.4132	.5904

TMCM-9, Threemile Ck - Three Mile Creek downstream of the Southern Railroad trestle to confluence with the Mobile River.

**Largemouth Bass (*Micropterus salmoides*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	452	382	323	329	304	279
Length (inches)	17.80	15.04	12.72	12.95	11.97	10.98
Weight (g)	1,350	710	430	520	370	260
Weight (oz)	47.62	25.04	15.17	18.34	13.05	9.17
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	11-20-20	11-20-20	11-20-20	11-20-20	11-20-20	11-20-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.1977	.2907	.1583	.221	.1214	.1119

**Striped Mullet (*Mugil cephalus*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	369	445	397	393	342	293
Length (inches)	14.53	17.52	15.63	15.47	13.46	11.54
Weight (g)	480	730	670	550	330	210
Weight (oz)	16.93	25.75	23.63	19.40	11.64	7.41
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	11-20-20	11-20-20	11-20-20	11-20-20	11-20-20	11-20-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.0418	.0836	.036	.0572	.0477	.0308

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*)**

	<b>Fish 1</b>	<b>Fish 2</b>
Length (mm)	675	602
Length (inches)	26.57	23.70
Weight (g)	2,700	2,370
Weight (oz)	95.24	83.60
Sex/Age		
Age Method	N/A	N/A
Collection Date	10-20-20	10-20-20
Skin on Fillet	N	N
MERCURY, TOTAL ug/g	.3305	.282

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

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>
Length (mm)	351	442	503	537
Length (inches)	13.82	17.40	19.80	21.14
Weight (g)	260	580	1,090	1,310
Weight (oz)	9.17	20.46	38.45	46.21
Sex/Age				
Age Method	N/A	N/A	N/A	N/A
Collection Date	10-20-20	10-20-20	10-20-20	10-20-20
Skin on Fillet	N	N	N	N
MERCURY, TOTAL ug/g	.1231	.3791	.2139	.179

**Largemouth Bass (*Micropterus salmoides*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	321	350	360	440	396	332
Length (inches)	12.64	13.78	14.17	17.32	15.59	13.07
Weight (g)	380	560	650	1,090	780	410
Weight (oz)	13.40	19.75	22.93	38.45	27.51	14.46
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	10-20-20	10-20-20	10-20-20	10-20-20	10-20-20	10-20-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.3375	.3893	.6882	.8247	.4264	.5402

**Washington County**

Lat/Lon: 31.26014 / -87.98753

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

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

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	504	449	466	455	414	393
Length (inches)	19.84	17.68	18.35	17.91	16.30	15.47
Weight (g)	1,110	640	770	670	520	410
Weight (oz)	39.15	22.58	27.16	23.63	18.34	14.46
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	10-20-20	10-20-20	10-20-20	10-20-20	10-20-20	10-20-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.1422	.2991	.4728	.1653	.1446	.8331

**Largemouth Bass (*Micropterus salmoides*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	415	404	325	331	330	366
Length (inches)	16.34	15.91	12.80	13.03	12.99	14.41
Weight (g)	960	880	440	480	530	550
Weight (oz)	33.86	31.04	15.52	16.93	18.70	19.40
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	10-20-20	10-20-20	10-20-20	10-20-20	10-20-20	10-20-20
Skin on Fillet	N	N	N	N	N	N
Lesions	Slight/Mild			Slight/Mild		Slight/Mild
Comments	Slight lesions			Slight lesions		Slight lesions
MERCURY, TOTAL ug/g	.3887	.4742	.407	.3517	.15	.3497

**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*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	437	415	391	392	382	379
Length (inches)	17.20	16.34	15.39	15.43	15.04	14.92
Weight (g)	660	540	400	410	410	440
Weight (oz)	23.28	19.05	14.11	14.46	14.46	15.52
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	10-19-20	10-19-20	10-19-20	10-19-20	10-19-20	10-19-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.3731	.1276	.1005	.1826	.1387	.1427

**Largemouth Bass (*Micropterus salmoides*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	457	442	427	316	337	305
Length (inches)	17.99	17.40	16.81	12.44	13.27	12.01
Weight (g)	1,500	1,300	1,250	380	430	340
Weight (oz)	52.91	45.86	44.09	13.40	15.17	11.99
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	10-19-20	10-19-20	10-19-20	10-19-20	10-19-20	10-19-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.6066	.4293	.4041	.4924	.7033	.3529

UBAM-1, U Bear Ck Res - Upper Bear Creek Reservoir dam forebay area. Upper Bear Creek mile 115.

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

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	475	467	515	445	440	470
Length (inches)	18.70	18.39	20.28	17.52	17.32	18.50
Weight (g)	871	1,067	1,318	708	795	1,017
Weight (oz)	30.72	37.64	46.49	24.97	28.04	35.87
Sex/Age	/3	/4	/4	/2	/3	/2
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	12-03-20	12-03-20	12-03-20	12-03-20	12-03-20	12-03-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.1433	.3355	.472	.1442	.1118	.124

**Largemouth Bass (*Micropterus salmoides*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	336	390	376	367	477	343
Length (inches)	13.23	15.35	14.80	14.45	18.78	13.50
Weight (g)	494	840	769	675	1,315	530
Weight (oz)	17.43	29.63	27.13	23.81	46.39	18.70
Sex/Age	/2	/2	/3	/3	/6	/3
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	12-03-20	12-03-20	12-03-20	12-03-20	12-03-20	12-03-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.3163	.3797	.5623	.3627	.6487	.4265

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

**Atlantic Croaker (*Micropogon undulatus*)**

	<b>Fish 1</b>	<b>Fish 2</b>
Length (mm)	236	201
Length (inches)	9.29	7.91
Weight (g)	120	80
Weight (oz)	4.23	2.82
Sex/Age		
Age Method	N/A	N/A
Collection Date	12-09-20	12-09-20
Skin on Fillet	N	N

MERCURY, TOTAL ug/g	.138	.0939 JI
---------------------	------	----------

**Red Drum (*Sciaenops ocellatus*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>
Length (mm)	385	344	363	360	387
Length (inches)	15.16	13.54	14.29	14.17	15.24
Weight (g)	550	470	510	440	610
Weight (oz)	19.40	16.58	17.99	15.52	21.52
Sex/Age					
Age Method	N/A	N/A	N/A	N/A	N/A
Collection Date	12-09-20	12-09-20	12-09-20	12-09-20	12-09-20
Skin on Fillet	N	N	N	N	N

MERCURY, TOTAL ug/g	.1292	.1192	.1658	.1928	.1514
---------------------	-------	-------	-------	-------	-------

**Speckled Trout (*Cynoscion nebulosus*)**

	<b>Fish 1</b>
Length (mm)	323
Length (inches)	12.72
Weight (g)	240
Weight (oz)	8.47
Sex/Age	
Age Method	N/A
Collection Date	12-09-20
Skin on Fillet	N

MERCURY, TOTAL ug/g	.1699
---------------------	-------

**Striped Mullet (*Mugil cephalus*)**

	<b>Fish 1</b>	<b>Fish 2</b>	<b>Fish 3</b>	<b>Fish 4</b>	<b>Fish 5</b>	<b>Fish 6</b>
Length (mm)	460	375	361	422	383	399
Length (inches)	18.11	14.76	14.21	16.61	15.08	15.71
Weight (g)	1,125	520	430	740	530	690
Weight (oz)	39.68	18.34	15.17	26.10	18.70	24.34
Sex/Age						
Age Method	N/A	N/A	N/A	N/A	N/A	N/A
Collection Date	12-09-20	12-09-20	12-09-20	12-09-20	12-09-20	12-09-20
Skin on Fillet	N	N	N	N	N	N

MERCURY, TOTAL ug/g	.0682 JI	.0508 JI	.1047	.0412 JI	.0324 JI	.0692 JI
---------------------	----------	----------	-------	----------	----------	----------

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

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

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	496	452	388	475	474	444
Length (inches)	19.53	17.80	15.28	18.70	18.66	17.48
Weight (g)	1,169	844	491	814	867	618
Weight (oz)	41.24	29.77	17.32	28.71	30.58	21.80
Sex/Age	/8	/6	/6	/5	/7	/7
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	10-29-20	10-29-20	10-29-20	10-29-20	10-29-20	10-29-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.1447	.1404	.0836 JI	.1591	.123	.1844

**Largemouth Bass (*Micropterus salmoides*)**

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	335	376	345	426	362	332
Length (inches)	13.19	14.80	13.58	16.77	14.25	13.07
Weight (g)	672	903	672	1,218	748	530
Weight (oz)	23.70	31.85	23.70	42.96	26.38	18.70
Sex/Age	/2	/2	/1	/3	/2	/1
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-29-20	10-29-20	10-29-20	10-29-20	10-29-20	10-29-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.0707 JI	.0715 JI	.0671 JI	.1231	.092 JI	.0669 JI

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)	475	445	482	469	471	458
Length (inches)	18.70	17.52	18.98	18.46	18.54	18.03
Weight (g)	867	866	1,280	1,048	1,078	810
Weight (oz)	30.58	30.55	45.15	36.97	38.03	28.57
Sex/Age	/6	/4	/7	/7	/7	/7
Age Method	Spine	Spine	Spine	Spine	Spine	Spine
Collection Date	10-28-20	10-28-20	10-28-20	10-28-20	10-28-20	10-28-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.3783	.1212	.1544	.0902 JI	.1078	.2997

**Largemouth Bass (*Micropterus salmoides*)**

	Fish 1	Fish 2	Fish 3	Fish 4	Fish 5	Fish 6
Length (mm)	434	394	375	405	374	390
Length (inches)	17.09	15.51	14.76	15.94	14.72	15.35
Weight (g)	1,285	898	845	1,186	961	709
Weight (oz)	45.33	31.68	29.81	41.83	33.90	25.01
Sex/Age	/3	/3	/2	/4	/2	/2
Age Method	Otolith	Otolith	Otolith	Otolith	Otolith	Otolith
Collection Date	10-28-20	10-28-20	10-28-20	10-28-20	10-28-20	10-28-20
Skin on Fillet	N	N	N	N	N	N
MERCURY, TOTAL ug/g	.1631	.1323	.1617	.1283	.1316	.1213

## ***ADEM Qualifiers \****

JI - Estimated/Between MDL & PQL

X - Sampled but Analysis Lost

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