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MERCURY TMDLS FOR SELECTED SUBSEGMENTS IN THE ATCHAFALAYA RIVER BASIN, LOUISIANA

MARCH 12, 2010

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EXECUTIVE SUMMARY

Section 303(d) of the Federal Clean Water Act requires states to identify waterbodies that are not meeting water quality standards and to develop total maximum daily loads (TMDLs) for those waterbodies. A TMDL is the amount of a pollutant that a waterbody can assimilate without exceeding the established water quality standards for that pollutant. Through a TMDL, pollutant loads can be allocated to point sources and nonpoint sources discharging to the waterbody.

This report presents TMDLs that have been developed for mercury for three subsegments in the Atchafalaya River basin in southern Louisiana: Subsegments 010301, 010401, and 010501. The Atchafalaya River is a distributary of the Mississippi River. It begins near Simmesport, Louisiana, and from there flows south to the Gulf of Mexico, carrying water from the Red River and Mississippi River. The study area of this TMDL report (Subsegments 010301, 010401, and 010501) encompasses the entire Atchafalaya River floodway from the origin of the river to Morgan City, except the Atchafalaya River north of Interstate 10. The study area is included in the United States Geological Survey Hydrologic Unit 08080101 and encompasses 3,184 square kilometers. The dominant land cover in the study area is wetlands, which cover 70% of the area.

These subsegments were included on the Louisiana Department of Environmental Quality (LDEQ) final 2006 303(d) list as not supporting their designated use of fish and wildlife propagation due to the existence of mercury-related fish consumption advisories for waterbodies in the subsegments. These subsegments were ranked as medium priority for TMDL development. Atmospheric deposition of mercury was the only suspected cause of impairment that was identified for these subsegments. The mercury action level in Louisiana for fish consumption advisories is 0.5 mg/kg. The United States Environmental Protection Agency (EPA) has promulgated a nationwide methyl mercury criterion of 0.3 mg/kg for fish tissue, but this criterion was not used for these TMDLs. There have been no known violations of Louisiana's numeric criterion for mercury in the water column in any of these three subsegments.

The estimated existing mercury load to each listed subsegment included mercury atmospheric deposition from local emission sources, atmospheric deposition of mercury from regional sources, mercury previously deposited in the watershed and transported to the waterbody via erosion, and inflow from an upstream subsegment. No potential point sources of mercury discharge were identified in the study area. Because these subsegments were adjacent to each other, they were bundled together when calculating the TMDLs. The largest sources of existing mercury load to the listed subsegments was atmospheric deposition of mercury from regional sources.

The difference between the maximum fish tissue mercury value reported in the study area (2.23 mg/kg) and the Louisiana mercury action level (0.5 mg/kg) was used to calculate the mercury TMDLs. These data indicated that a 78% reduction of the existing mercury load would be necessary. The TMDLs were set to 22% of the existing load and are shown in Table ES.1. The margin of safety (MOS) for these TMDLs was implicit due to conservative assumptions in the TMDL calculations. The future growth (FG) component was set to 10% of each TMDL. The wasteload allocation (WLA) for point sources was set to zero for each TMDL because there were no point source discharges with permit limits for mercury and there were no municipal point source discharges with expected flow rates of 100,000 gallons per day (gpd) or more. Municipal point source discharges with expected flow rates less than 100,000 gpd were not included in these TMDLs in order to be consistent with previous mercury TMDLs in Louisiana. The load allocation (LA) for nonpoint sources was set to the TMDL minus the FG because the MOS was implicit and the WLA was zero.

Table ES.1. Summary of TMDLs.

Subsegment	TMDL (lbs/day)	MOS (lbs/day)	FG (lbs/day)	WLA (lbs/day)	LA (lbs/day)
010301	6.75	Implicit	0.67	0	6.08
010401	6.05	Implicit	0.60	0	5.44
010501	17.00	Implicit	1.70	0	15.30

As noted above, this TMDL report indicates that current mercury loadings to the listed subsegments are primarily from atmospheric sources. To achieve the mercury load reduction

specified above, significant reduction in atmospheric deposition within and outside the study areas will be necessary. No point source load reductions will be required, so no mercury permit limitation will be required for NPDES discharges in the study area. A combination of ongoing and future activities under the Clean Air Act is expected to achieve reductions in atmospheric deposition of mercury that will enable reductions in fish tissue mercury concentrations.

It may be appropriate to revise these TMDLs at some point in the future based on new information gathered and analyses performed. An adaptive management approach allows EPA or the state to use the best information available at the time to establish the TMDL at levels necessary to implement applicable water quality standards and to make the allocations to the pollution sources. EPA recognizes that additional data and information may be necessary to validate the assumptions of the TMDL and to provide greater certainty that the TMDL will achieve the applicable water quality standards. The adaptive management approach is appropriate for these TMDLs because information on the actual contributions of mercury from both point and nonpoint sources will be much better characterized in the future. EPA expects point source loadings of mercury to be reduced primarily through mercury minimization programs developed and implemented by some point sources.

During implementation of these TMDLs, EPA expects the following activities to occur:

1. National Pollutant Discharge Elimination System point source discharges will develop and implement mercury minimization plans as appropriate.
2. Air emissions of mercury will be reduced through implementation of the Clean Air Act regulation.
3. LDEQ will continue to collect additional ambient data on mercury concentrations in water, sediment, fish, and soil.
4. LDEQ will continue to implement its mercury risk reduction plan that assesses all sources of mercury in Louisiana and specifies actions to reduce mercury releases in the state.

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1.0 INTRODUCTION

This report presents total maximum daily loads (TMDLs) for mercury for three Atchafalaya River basin subsegments. These subsegments were listed as impaired on the final 2006 303(d) list for Louisiana dated February 15, 2008 (Louisiana Department of Environmental Quality (LDEQ) 2008a). Table 1.1 shows the suspected sources and suspected causes for impairment in the 303(d) list, as well as the priority ranking.

Table 1.1. Summary of 303(d) listings addressed in this TMDL report (LDEQ 2008a).

Subsegment Number	Waterbody Description	Suspected Sources	Suspected Causes	Priority Ranking
010301	West Atchafalaya Basin Floodway-Simmesport to Butte LaRose Bay and Henderson Lake	Atmospheric Deposition – Toxics, Source Unknown	Mercury	Medium
010301-001*	Henderson Lake – Located within Subsegment 010301	Atmospheric Deposition – Toxics, Source Unknown	Mercury	Medium
010301-002*	Lake Bigeux – Located within Subsegment 010301	Atmospheric Deposition – Toxics, Source Unknown	Mercury	Medium
010401	East Atchafalaya Basin and Morganza Floodway South to I-10 Canal	Atmospheric Deposition – Toxics, Source Unknown	Mercury	Medium
010401-001*	Big Alabama – Located within Subsegment 010401	Atmospheric Deposition – Toxics, Source Unknown	Mercury	Medium
010501-001*	I-10 Canal – Located within Subsegment 010501	Atmospheric Deposition – Toxics, Source Unknown	Mercury	Medium
010501-002*	Work Canal – Located within Subsegment 010501	Atmospheric Deposition – Toxics, Source Unknown	Mercury	Medium

* This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.

The TMDLs in this report were developed in accordance with Section 303(d) of the Federal Clean Water Act and the United States Environmental Protection Agency's (EPA's) regulations at Title 40 Code of Federal Regulations (CFR) Part 130.7. The 303(d) listings for

other pollutants in these subsegments are being addressed by EPA and LDEQ in other documents.

The purpose of a TMDL is to determine the pollutant loading that a waterbody can assimilate without exceeding the water quality standard for that pollutant and to establish the load reduction that is necessary to meet the standard in a waterbody. The TMDL is the sum of the wasteload allocation (WLA), the load allocation (LA), future growth (FG), and a margin of safety (MOS). The WLA is the load allocated to point sources of the pollutant of concern. The LA is the load allocated to nonpoint sources, including natural background. The MOS is a percentage of the TMDL that takes into account any lack of knowledge concerning the relationship between pollutant loadings and water quality. The FG component of the TMDL is reserved to allow for future increases in loads to the waterbody.

2.0 BACKGROUND INFORMATION

A watershed–based approach was used in developing the TMDLs in this report. Therefore, the entire areas of Subsegments 010301, 010401, and 010501 were considered together in developing mercury loads and targets.

2.1 General Information

The subsegments addressed in this TMDL report (Subsegment 010301, 010401, and 010501) represent the majority of the Atchafalaya River basin in southern Louisiana (see Figure A.1 in Appendix A). The Atchafalaya River begins near Simmesport, Louisiana, and flows south to the Gulf of Mexico near Morgan City, Louisiana. The Atchafalaya River is essentially the continuation of the Red River at the point where the Red River was once naturally connected to the Mississippi River through a channel called Old River. The Atchafalaya River is called a distributary of the Mississippi River because it receives some flow from the Mississippi River. From the mid 1800s to the mid 1900s, the amount of water that was naturally flowing from the Mississippi River into the Atchafalaya River was steadily increasing. Starting in the early 1960s, the US Army Corps of Engineers built structures to keep the majority of the Mississippi River flow going down the Mississippi River rather than naturally changing course into the Atchafalaya River. With these structures in place, the Atchafalaya River carries all the flow from the Red River plus some of the Mississippi River flow. These structures are operated so that typically about 30% of the total flow in the Mississippi River and Red River goes into the Atchafalaya River and the other 70% flows down the Mississippi River towards Baton Rouge and New Orleans (America's Wetland Resource Center 2008).

At certain times the Atchafalaya River serves as a relief valve to reduce flooding along the Mississippi River downstream of Old River. Water from smaller floods on the Mississippi River flows through the main stem of the Atchafalaya River. There are levees on both sides of the main stem of the Atchafalaya River starting near the Old River area and extending southward almost to the I-10 bridge. This portion of the Atchafalaya River main stem forms Subsegment 010201, which is not impaired for mercury and is not addressed in this report.

Water from larger floods on the Mississippi River will flow through the main stem of the Atchafalaya River and in the floodway along both sides of the Atchafalaya River. The Atchafalaya Basin Floodway is about 12 to 16 miles wide and is bounded by levees on the east and west sides that are somewhat parallel to the general direction of the Atchafalaya River. The floodway extends southward to around Morgan City. Water in the floodway drains to the Gulf of Mexico through the Atchafalaya River main stem or the Wax Lake Outlet.

Subsegments 010301 and 010401 include the floodway on the west and east sides, respectively, of the Atchafalaya River, but not the Atchafalaya River itself. These two subsegments extend from the northern end of the floodway to the vicinity of the I-10 bridge. Subsegment 010501 includes the remainder of the floodway and the Atchafalaya River itself from the vicinity of the I-10 bridge to the southern end of the floodway. These subsegments are included in the United States Geological Survey (USGS) Hydrologic Unit 08080101 and cover a total of 3,184 square kilometers (1,229 square miles).

2.2 Land Use

Land use characteristics for the study area were compiled from the USGS 2001 National Land Cover Database (USGS 2006). These data were based on satellite imagery from 2001 and they represent the most recent land use data available for this area. The spatial distribution of these land uses is shown on Figure A.2 (located in Appendix A) and land use percentages are shown in Table 2.1. The dominant land use is wetlands, which account for over 70% of the study area. Subsegments 010301 and 010401 also include significant areas of cultivated crops (Figure A.2 in Appendix A). In addition, there are a number of actively producing oil fields present in the study area.

Table 2.1. Land use percentages for the study area.

Category	Percent Land Cover		
	010301	010401	010501
Water	2.5%	0.7%	11.6%
Urban	1.7%	1.5%	0.4%
Barren	0.0%	0.0%	0.4%
Forest	0.0%	0.0%	0.0%
Grass/shrub	0.9%	0.9%	0.4%
Pasture/hay	8.9%	5.9%	0.0%
Cultivated crops	25.1%	31.8%	0.0%
Wetlands	60.8%	59.2%	87.1%
Total	100.0%	100.0%	100.0%

2.3 Water Quality Standards and Fish Tissue Action Levels

Water quality standards for Louisiana are included in the Title 33 Environmental Regulatory Code (LDEQ 2008b). Designated uses for the subsegments addressed in this report are primary and secondary contact recreation, fish and wildlife propagation, and agriculture. The numeric criterion for mercury in water to protect aquatic life from chronic toxicity is 0.012 µg/L.

Louisiana's regulations do not specify a maximum allowable concentration of mercury in fish tissue, but LDEQ and the Louisiana Department of Health and Hospitals issue fish consumption advisories where the average concentration of mercury in fish tissue exceeds the Louisiana action level of 0.5 mg/kg on a wet weight basis (LDEQ 2008c). EPA has promulgated a criterion of 0.3 mg/kg on a wet weight basis (EPA 2001a), but the TMDLs in this report are based on the Louisiana action level because it was considered more appropriate for Louisiana. All previous mercury TMDLs in Louisiana have been based on the Louisiana action level.

The Louisiana water quality standards also include an antidegradation policy (LAC 33: IX.1109.A). This policy states that waters exhibiting high water quality should be maintained at that high level of water quality. If this is not possible, water quality of a level that supports designated uses of the waterbody should be maintained. Changing the designated uses of a waterbody to allow a lower level of water quality can only be achieved though a use attainability study.

2.4 Point Sources

A preliminary list of National Pollutant Discharge Elimination System (NPDES) point source discharges in the subsegments was generated by LDEQ using their internal databases. The preliminary list was refined by Tetra Tech and FTN Associates, Ltd. personnel using information in LDEQ's Electronic Document Management System. The final list of permitted discharges in the study area is shown in Table B.1 (Appendix B). None of the NPDES discharges had permit limits for mercury. Municipal wastewater discharges are expected to have measurable mercury concentrations in their effluent based on clean sampling of dischargers in Arkansas. Therefore, municipal wastewater discharges were considered as possible sources of mercury in these TMDLs. To be consistent with previous Louisiana mercury TMDLs, mercury loads would be calculated only for municipal wastewater discharges with flow greater than 100,000 gallons per day (gpd). However, there are no sewage treatment plant discharges with flows greater than 100,000 gpd in the study area, so point sources were not considered to be contributing to the system mercury load in these TMDLs.

2.5 Nonpoint Sources

Atmospheric deposition is the only mercury source specified for these subsegments in the 2006 303(d) list. Significant proportions of mercury air emissions are typically deposited locally, within 100 kilometers of emission sources (EPA 1997). There are approximately 57 mercury emission sources within 100 kilometers of the three subsegments addressed in this report (see Section 4.3.2.3). However, mercury can also be transmitted much farther, regionally or globally, before deposition. Both local and regional mercury emission sources were considered in these TMDLs.

Mercury nanometers have been identified as a source of mercury in Louisiana oil and gas fields. Mercury nanometers were used beginning in the 1920s to monitor the flow of natural gas in pipelines. Elemental mercury releases from the nanometers were not uncommon, and since there was less awareness of the health issues related to mercury during much of the time they were in use, mercury spills were not addressed as they would be today (LDEQ 2007). Given the

presence of oil and gas operations in the study area, it is likely that there have been releases of elemental mercury from nanometers in the study area.

In addition, mercury is often present in watershed soils, occurring naturally or as a result of current and historical atmospheric deposition, and can be transported to surface waterbodies via soil erosion. Soils in the study area have higher mercury concentrations (averaging 0.044 to 0.066 parts per million (ppm)) relative to other parts of the state (USGS 2007). When these soils are transported to waterbodies via erosion, they contribute to the waterbody mercury load.

Inflows from upstream subsegments are also considered as nonpoint sources. For the three subsegments addressed in this report, the only inflow from an upstream subsegment is from Subsegment 010201 (the main stem of the Atchafalaya River above I-10) into Subsegment 010501. These TMDLs do not consider diversions from the Mississippi River directly into the floodway during large floods because that rarely occurs.

3.0 EXISTING CONDITIONS

3.1 Mercury in Water

Measurements of mercury in ambient water have been collected by LDEQ at water quality stations located in the subsegments addressed in this TMDL report. Locations of these water quality stations are shown on Figure A.1 (located in Appendix A). Table 3.1 shows summaries of the mercury data collected after April 2001, including percentages of values above the mercury criterion of 0.012 µg/L. Prior to 2001 the detection level for mercury in water was greater than the mercury water quality criterion. Starting in May 2001, water samples from the study area were collected and analyzed using "clean" techniques to prevent sample contamination. Results from sampling prior to 2001 are believed to reflect sample contamination rather than actual conditions in the waterbodies sampled. All results from May 2001 and later were less than the mercury water quality criterion. Tables of data for the entire period of record for each station are included in Appendix C. These data were obtained from LDEQ.

Table 3.1. Clean sampling mercury results from monitoring sites in study area.

Subsegment	LDEQ Station	Waterbody	No. of Values	Min. (µg/L)	Max. (µg/L)	Median (µg/L)	Mean (µg/L)	No. Values > 0.012 µg/L	% Values > 0.012 µg/L
010301	1197	Bayou Courtableau	10	0.00036	0.00596	0.00306	0.00281	0	0.0%
010401	1198	Alabama Bayou	9	0.00029	0.00397	0.00238	0.00216	0	0.0%
010501	0984	I-10 Canal	1	0.00056				0	0.0%
010501	0039	Atchafalaya River	19	0.00044	0.00248	0.00111	0.00125	0	0.0%
010501	1201	Atchafalaya River	8	0.00015	0.00277	0.00139	0.00138	0	0.0%

3.2 Other Water Quality Parameters

Measurements of sulfate, total organic carbon (TOC), and pH have also been collected at these water quality monitoring stations (Appendix C). These data were obtained from LDEQ. These three constituents have been demonstrated to be correlated with fish tissue mercury concentrations, and can affect the bioavailability of mercury for methylation and subsequent

uptake and bioaccumulation of methyl mercury through the food chain (Armstrong et al. 1995; EPA 1998; see Section 4.1). Waterbodies with moderate sulfate (5 to 25 mg/L) and TOC (5 to 10 mg/L) concentrations provide an environment conducive to microorganisms that methylate mercury and tend to have fish with higher tissue mercury concentrations (Armstrong et al. 1995). Waterbodies with lower pH values (<5.5 su) can experience chemical mercury methylation. Table 3.2 summarizes the measurements of these water quality constituents from the study area relative to the characteristics that promote mercury methylation. All of the water quality monitoring stations in the TMDL subsegments had pH values that were greater than 5.5 su so chemical methylation would not be expected. Levels of sulfate and TOC that would promote biological methylation of mercury do occur at all of the monitoring stations.

3.3 Fish Tissue Data

LDEQ has been collecting and analyzing fish samples for mercury in fish tissue since 1993. Waterbodies with fish consumption advisories are sampled every 2 years. There are approximately 40 fish sampling sites located in the subsegments being addressed in this TMDL report. The locations of these sampling sites are shown in Figure A.3 (Appendix A). Table 3.3 summarizes the fish consumption advisories active in the study area. Table 3.4 summarizes the fish tissue data that are available for the TMDL subsegments. A listing of all the data is included in Appendix D. These data were obtained from LDEQ.

Table 3.2. Summary of pH, TOC, and sulfate values relative to levels that promote methylation.

Subsegment	010301	010401	010501	010501	010501
LDEQ Station	1197	1198	0984	0039	1201
Waterbody	Bayou Courtableau	Alabama Bayou	I-10 Canal	Atchafalaya River	Atchafalaya River
pH (su)					
No. of values	22	22	3	300	22
Minimum	6.45	6.12	7.00	6.60	7.31
Maximum	8.08	7.85	7.73	8.85	8.10
Median	7.52	7.26	7.57	7.60	7.59
Mean	7.42	7.20	7.43	7.60	7.68
No. of values <5.5 su	0	0	0	0	0
% values <5.5 su	0	0	0	0	0
TOC (mg/L)					
No. of values	23	23	4	269	24
Minimum	3.2	8.1	7.0	1.5	2.0
Maximum	20.7	17.1	17.5	32.7	10.9
Median	7.9	11.1	9.7	5.5	5.8
Mean	7.9	11.4	11.0	5.8	6.1
No. of values between 5-10 mg/L	8	7	3	141	10
% values between 5-10 mg/L	35%	30%	75%	52%	42%
Sulfate (mg/L)					
No. of values	23	23	4	287	24
Minimum	2.6	5.2	5.6	2.5	18.2
Maximum	51.0	19.1	24	116.6	50.3
Median	27.5	10.7	13.3	39.6	33.2
Mean	22.6	11.2	14.1	42.5	33.5
No. of values between 5-25 mg/L	10	23	4	32	6
% values between 5-25 mg/L	43%	100%	100%	11%	25%

Table 3.3. Mercury fish consumption advisories for waterbodies in study area (LDEQ 2008c).

Waterbody Name	**Subsegment**	**Date Advisory Established**	**Advisory Fish Species**
Big Alabama Bayou	010401	05/29/2003	All
I-10 Canal and Work Canal	010501	07/01/2004	Largemouth bass, black crappie, bowfin
Henderson and Bigeux Lakes, and all waters within the area bounded by the St. Landry/St. Martin parish line on the north, on the east and west by the West Atchafalaya River Levee, and on the south by Highway 3177	010301	03/04/1996	All

Table 3.4. Maximum fish tissue mercury values associated with species sampled in TMDL subsegments.

Species	Subsegment 010301		Subsegment 010401		Subsegment 010501	
	Maximum Concentration (mg/kg)	Number of Fish Collected	Maximum Concentration (mg/kg)	Number of Fish Collected	Maximum Concentration (mg/kg)	Number of Fish Collected
Largemouth Bass	1.24	656	1.27	129	1.28	695
White Crappie	0.76	207	0.74	47	0.99	183
Bowfin	2.23	86	0.96	53	1.01	289
Smallmouth Bass	0.24	7			0.23	13
Bigmouth Buffalo	0.91	27	0.86	23	0.56	81
Freshwater Drum	0.84	103	0.56	21	0.61	187
Black Crappie	0.98	208	1.01	25	0.69	427
Bluegill Sunfish	0.41	14			0.17	43
Redear Sunfish	0.67	31			0.19	25
White Bass	0.78	15			0.86	50
Flathead Catfish	0.60	7	1.54	17	0.73	47
Blue Catfish	0.28	5			0.40	108
Channel Catfish	0.26	6	0.26	1	0.19	10
Warmouth	0.36	25			0.19	5
Spotted Bass	0.15	1	0.33	1	0.70	53
Black Bullhead					0.05	11
Spotted Gar					0.40	15
Red Swamp					0.02	165
Striped Bass					1.0	2
Sheepshead					0.17	1
Yellow Bull					0.15	2

4.0 TMDL DEVELOPMENT

4.1 TMDL Method

4.1.1 Conceptual Framework

Mercury is unlike many other metals because it has a volatile phase at ambient temperatures and can be transported in a gaseous, soluble, or particulate form (Figure 4.1). Mercury is emitted to the atmosphere in both elemental gaseous Mercury(0) and divalent Mercury(II) forms. Anthropogenic direct emissions, natural emissions, and indirect re-emission of previously deposited mercury are major sources of mercury to the atmosphere (Figure 4.1). Gaseous Mercury(0) is relatively insoluble and is capable of being transported long distances and contributes to regional and global background concentrations.

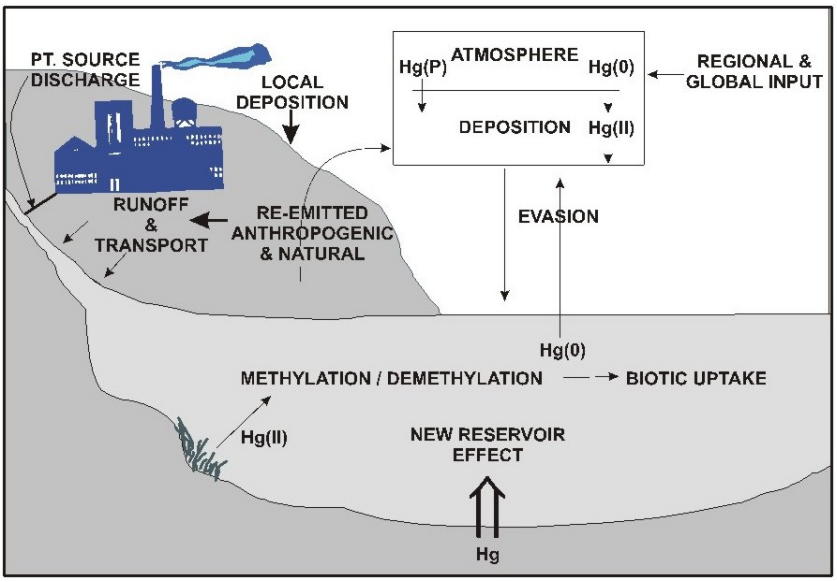

Figure 4.1. General mercury cycle showing atmospheric transport and deposition; point source, nonpoint source, and natural background contributions; and the effects of new reservoirs on mercury release into the environment.

Mercury(II) is much more soluble and can sorb onto particulates, so it tends to be removed from the atmosphere by both wet and dry mercury deposition closer to emission sources, within local and regional areas (Electric Power Research Institute 1994). Ozone or other oxidizing agents in the atmosphere can convert Mercury(0) to Mercury(I), and some Mercury(II)

can also be chemically reduced to Mercury(0). Mercury(0) can be transported long distances. Local sources of deposited mercury are typically within about a 100-kilometer radius of a site (EPA 2001b). Regional sources are loosely defined as other sources within a geographical area such as the Southeast, South, or Upper Midwest, while global sources include intercontinental contributions of mercury. Atmospheric mercury deposition can include contributions from all three sources. In addition to atmospheric deposition, mercury can also enter waterbodies from point source effluent discharges and watershed nonpoint source contributions. These watershed nonpoint sources include both naturally occurring mercury (e.g., geology, soils) and atmospherically deposited mercury that can be transported to the waterbody (Figure 4.1).

The primary mercury species of concern for bioaccumulation and biomagnification through the food chain, however, are not the inorganic mercury species, but the organic form methyl mercury (Figure 4.2). Inorganic mercury deposited in waterbodies can be converted to methyl mercury. Sulfate-reducing bacteria are thought to be the agent responsible for the majority of methyl mercury production in aquatic systems (Beyers et al. 1999; Compeau and Bartha 1987; Gilmour and Henry 1991), and in situ production is often a significant source of methyl mercury in aquatic systems (Benoit et al. 1998; Gilmour et al. 1998; Mason et al. 1999).

Methyl mercury binds with protein in muscle tissue of fish and other living organisms. Methyl mercury is lost very slowly from fish tissue, on the order of years (Trudel and Rasmussen 1997). Therefore, methyl mercury concentrations continue to biomagnify or increase in concentration throughout the life of the fish as long as methyl mercury is in the environment and in its prey species. Older, larger fish typically have higher mercury concentrations than younger, smaller fish.

Several factors can affect the availability of inorganic mercury for conversion to methyl mercury. If sulfides or dissolved organic matter are present, they can bind inorganic mercury so that it is not available for conversion to methyl mercury (Benoit et al. 1999; Ravichandran 2004). Inorganic mercury can also join with more complex polysulfides or other chemicals and become easier for methylating bacteria to use (Benoit et al. 1999, 2001). In addition, recent research indicates that inorganic mercury tends to become less likely to be converted to methyl mercury

the longer it is in a waterbody (Hintelmann et al. 2002); more recently deposited inorganic mercury is more reactive.

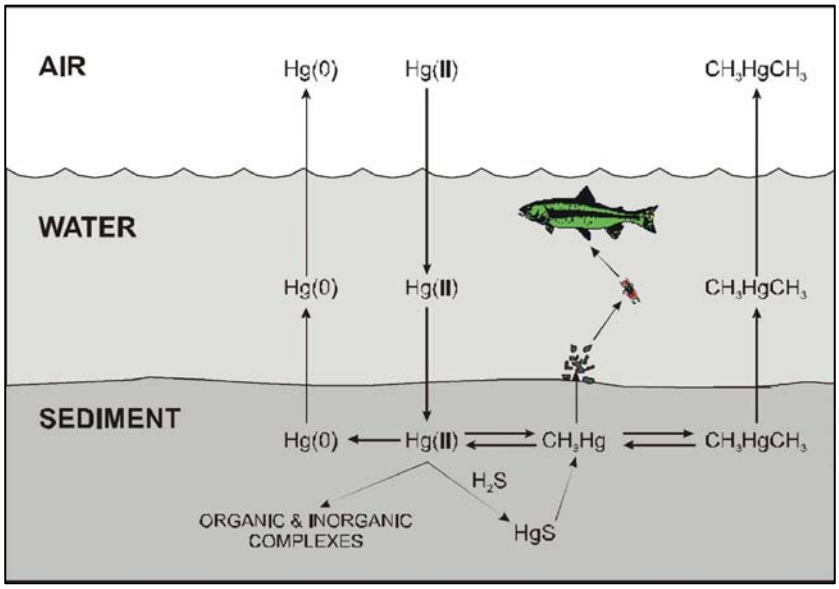

Figure 4.2. Pathways for mercury species through the aquatic ecosystem, including methylation and demethylation, evasion or loss from the water to the atmosphere, and sedimentation and burial in the sediment (after Winfrey and Rudd 1990).

Methylating microorganisms, such as sulfur-reducing bacteria, live in anaerobic (zero dissolved oxygen) environments in the sediments of wetlands, streams, rivers, and lakes or reservoirs.

In summary, TMDLs for mercury must consider that mercury can exist as a gas as well as in solution or particulate forms. Mercury loads arise from atmospheric deposition contributed by local, regional, and global emission sources; point source effluent discharges; natural geological formations; and soil erosion. However, after deposition or loading to the system, mercury can also be lost through volatilization and re-enter the atmospheric pool. It is the organic form as methyl mercury that is biologically accumulated and magnified through the food chain. Once in fish, it is lost very slowly and continues to accumulate through time.

4.1.2 Loading Capacity

The loading capacity of waterbodies differs due to (1) inputs or load of mercury to the waterbody, (2) environmental conditions within the waterbody that mediate methylation and bioaccumulation, and (3) the food web or food chain through which mercury bioaccumulates (Armstrong et al. 1995).

4.1.3 TMDL Formulation

A three-step approach was used to estimate loading capacity and the reductions required to achieve the designated fishable use in the TMDL study areas. In the first step, required load reductions were estimated based on existing and target fish tissue mercury concentrations. In the second step, mercury loading to the study areas was estimated. In the third step, the TMDLs were estimated by applying the estimated required load reductions to the estimated existing mercury loads to the study areas.

4.2 Required Load Reductions

The target for the TMDLs in this report is the Louisiana mercury action level for fish consumption advisories (0.5 mg/kg). Data from all of the sampling sites in the study area were considered. The fish tissue mercury concentration used to calculate the mercury load reduction factor was the maximum tissue concentration reported from the study area. Bowfin was the fish species that had the maximum reported tissue mercury concentration (2.23 mg/kg). The load reduction factor was calculated by dividing the target fish tissue concentration (0.5 mg/kg) by the maximum study area fish tissue concentration. This number (0.22) is essentially the portion of the existing load that would be the target load, or one minus the percent reduction.

4.3 Existing Loads

The existing mercury load to the study areas was assumed to consist of loads from both point and nonpoint sources. Point sources would include NPDES-permitted facilities with mercury permit limits or municipal wastewater treatment plants with design flow greater than 100,000 gpd (or 0.1 MGD). Nonpoint source loads include tributary inputs, atmospheric

deposition inputs from local and regional/global emission sources, and watershed soil erosion inputs. Estimated loads from these sources are summarized in Table 4.1. The methods used to estimate these loads are described below.

Table 4.1. Estimated existing mercury loads to study area subsegments in lbs/day.

Source	Subsegment 010301	Subsegment 010401	Subsegment 010501	Total Load (lbs/day)
NPDES Point Sources	0	0	0	0
Upstream Inflow	0	0	2.0	2.0
Local Air Emissions	6.9	6.2	17.5	30.6
Regional/Global Air Emissions	30.6	27.4	77.2	135.3
Soil Erosion	0.11	0.14	0.002	0.25
Total	30.7	27.5	77.2	168.2

4.3.1 Point Sources

None of the NPDES-permitted discharges identified in the study areas were found to have a mercury permit limit. In addition, there were no municipal wastewater treatment plants with design flow greater than 100,000 gpd. Since point sources do not appear to be contributing significant mercury loads to the study area, no point source mercury load was estimated for the study area.

4.3.2 Nonpoint Sources

4.3.2.1 Upstream Inflow

Subsegment 010501 receives inflow from the upstream Subsegment 010201 (Atchafalaya River main stem north of I-10). This inflow has a mercury load associated with it that contributes to the mercury load in Subsegment 010501. This load was estimated using mercury data from the LDEQ water quality monitoring Station 1196, formerly Station 0290, in Subsegment 010201 (included in Appendix E), and recorded flows at the United States Army Corps of Engineers gaging station on the Atchafalaya River at Simmesport (locations are shown on Figure A.1). The average mercury concentration reported for Station 1196 (using clean sampling techniques) was 0.0017 µg/L. The average annual flow for the entire period of record at the gaging station

(01/01/1960 through 11/16/2007) was 219,162 cfs. Multiplying these two averages yielded a load of 912 g/day or 2.0 lbs/day.

4.3.2.2 Regional Atmospheric Deposition

Data for atmospheric deposition of mercury was obtained from the National Atmospheric Deposition Program (NADP) website. Data from NADP mercury deposition monitoring stations LA05, LA28, and LA23 were used to characterize atmospheric deposition of mercury in the study area (Figure 4.3). Data collection at Station LA05 and LA28 began in 1998, and data collection at Station LA23 began in 2001. Data from 2001 through 2007 (Appendix F) were used to estimate atmospheric deposition of mercury. The average value of the wet deposition at these sites for this period was 363.11 ng/m^2/week (Table 4.2). An estimate of the total atmospheric deposition was based on the assumption that dry deposition is equivalent to about 60% of wet deposition (Auwarter 2000) resulting in a total atmospheric deposition of 580.97 ng/m^2/yr. Wet deposition is the mercury removed from the atmosphere during rain events. Dry deposition is the mercury removed from the atmosphere on dust particles, sorption to vegetation, gaseous uptake by plants, or other input during non-rainfall periods (EPA 1997).

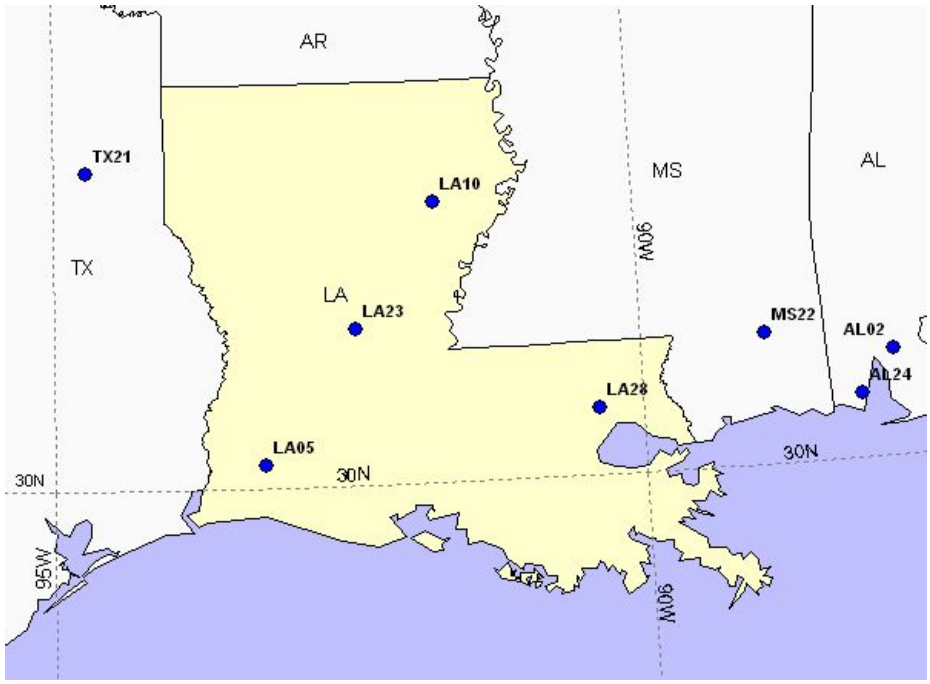

Figure 4.3. Mercury Deposition Network sites in Louisiana (NADP 2006).

Table 4.2. Estimated total atmospheric mercury deposition rate, 2001–2007.

NADP Station	Number of Values	Average Mercury Deposition ($ng/m^2/week$)
LA23	223	362.85
LA05	230	364.27
LA28	242	362.21
Average Wet Deposition =		363.11
Dry + Wet = Average Wet Deposition x 1.6 =		580.97

The total direct atmospheric deposition mercury load to the waterbodies in the study area (165.8 lbs/yr) was calculated by multiplying the total atmospheric deposition rate (580.97 $ng/m^2/week$) by the sum of the wetland and water land uses for the study area (2,497 km^2). The part of the atmospheric deposition load to the waterbodies coming from regional or global emissions sources (135.2 lbs/yr) was estimated by subtracting the local emissions load from the total atmospheric deposition load (Table 4.1).

4.3.2.3 Local Emissions Atmospheric Deposition

The data from the NADP mercury deposition monitoring stations includes both local emission sources and regional/global input. Local atmospheric deposition for the TMDL study areas was estimated based on data from the 2002 National Emissions Inventory (NEI). The NEI is a complete national inventory of stationary and mobile sources that emit hazardous air pollutants (HAPs). County summaries of NEI stationary (point) source emissions data from 2002 were downloaded from the NEI web site (www.epa.gov/ttn/chief/net/2002inventory.html).

In these TMDLs, local sources are defined as sources within the study area and within a distance of 100 kilometers around the study area boundary. The area within which these local sources are located is referred to as the “airshed.” The NEI reports sources listed by county; therefore the airshed boundary is determined by county boundaries, and if a portion of a county falls within 100 kilometers of the study area, then the entire county is included as part of the airshed. Since the subsegments addressed in this TMDL report were adjacent, only one airshed for the entire study area was defined. The airshed boundary for the study area is shown on

Figure A.4 (Appendix A). The mercury emissions reported for each source within the airshed are included in Appendix G.

The NEI reports emissions of total mercury. As discussed in Section 4.1.1, Mercury(II) is the form that is most likely to be removed by wet and dry deposition closer to emission sources (i.e., within 100 km).Therefore we want to use just the Mercury(II) emissions when estimating atmospheric deposition of mercury from local emissions. A number of studies have been done characterizing mercury emissions from a variety of sources and the portion of those emissions that occur as Mercury(II) (EPA 2005a). Table 4.3 shows the Mercury(II) emissions for each source category that contributes to the local atmospheric deposition for the TMDL study area, calculated from the NEI data using Mercury(II) percentages from EPA (2005a). The total mercury emissions load for the airshed was converted to an areal load by dividing by the area of the airshed. The local emissions direct atmospheric deposition mercury load to the waterbodies (Table 4.1) was calculated by multiplying the areal load by the sum of the wetland and water land uses for the study area (see Section 4.3.2.2).

The distance from the emission source, the forms of the mercury in the emissions, other pollutants in the emissions and the atmosphere, and the weather patterns of precipitation and prevailing wind are important factors in determining where mercury released to the air will deposit.

Table 4.3. Local source emissions for study area.

Source Category	Total Mercury Emissions (tons/yr)	% Particulate Mercury(II)	% Gaseous Mercury(II)	Mercury(II) Emissions (tons/yr)
Electricity Generation	0.339	20	30	0.242*
Industrial Boilers	0.0088	20	30	0.0044
Chlor-Alkali Production	0.455	0	5	0.023
Other Chemical Manufacture	0.0045	10	10	0.0009
Brick Manufacture	0.0016	10	10	0.0003
Wood Product Operations	0.0021	10	10	0.0004
Miscellaneous Manufacturing	0.044	20	30	0.022
Landfills	0.0002	10	10	0.000047
Hazardous Waste Incineration	0.0128	22	20	0.0054
Total				**0.298**

*Includes some Mercury(II) estimates based on different percentages of Mercury(II) than shown in the table.

4.3.2.4 Mercury Load Associated with Soil Erosion

The mercury load for the study area associated with transport of eroded material into the waterbodies was calculated using literature erosion rates for forest, pasture, and cropland land uses. The land use areas for the study area were based on data from the USGS 2001 National Land Cover Database as presented in Section 2.2. The erosion rates for pasture and cropland were set to average erosion rates reported for these land uses for Louisiana in the 1997 National Resources Inventory (NRI); these values were 0.2 tons/acre/year for pasture and 3.3 tons/acre/year for cropland. The NRI was conducted and published by the US Department of Agriculture (USDA) National Resources Conservation Service (USDA 2000). Forest erosion rates were not available for the study area parishes in the NRI, therefore the forest erosion rate was set 0.2 tons/acre/year based on information from other sources (Bloodworth and Berc 1981, Novotny and Chesters 1981, USDA Forest Service 1999).

Erosion rates for barren land were not available, so barren land was assumed to have an erosion rate that is similar to cropland. The resulting estimates of tons of sediment per year transported to the waterbodies were multiplied by average sediment mercury concentrations measured in the subsegments (Appendix H) to estimate study area mercury load associated with soil erosion (Table 4.4).

4.4 TMDL

The total allowable mercury loads for the impaired subsegments (i.e., the TMDLs) were calculated based on the existing loads, assuming a linear relationship between mercury loads to the waterbodies and mercury concentrations in fish tissue. In other words, it was assumed here that reducing the mercury loads to the waterbodies by a factor of 2 (for example) would eventually result in a reduction of mercury concentrations in fish tissue by a factor of 2. The assumption of this linear relationship between mercury load and fish tissue mercury concentration is consistent with steady-state assumptions and the use of bioaccumulation factors, and has been demonstrated in field experiments in the Florida Everglades (Atkeson et al. 2003) and Canada (Orihel et al. 2006). Based on this assumption, the TMDLs were calculated as the

existing mercury load multiplied by the reduction factor (Section 4.2). The TMDLs are summarized in Table 4.5.

Table 4.4. Estimation of mercury load associated with soil erosion.

Subsegment	Land Use	Land Use Area (sq mi)	Erosion Rate (ton/ac/yr)	Sediment Load (ton/yr)	Average Sediment Mercury (mg/kg)	Erosion Mercury Load (lb/day)
10301	Pasture	30.62	0.2	3919.36	0.1	0.0024
	Forest	0.02	0.2	2.56	0.1	1.57E-06
	Crop	86.28	3.3	182223.36	0.1	0.11
	Barren	0.04	3.3	84.48	0.1	5.17E-05
					Total	0.11
10401	Pasture	19.11	0.2	2446.08	0.1	0.0015
	Forest	0	0.2	0	0.1	0
	Crop	103.76	3.3	219141.12	0.1	0.13
	Barren	0.002	3.3	4.224	0.1	2.59E-06
					Total	0.14
10501	Pasture	0.11	0.2	14.08	0.07	6.04E-06
	Forest	0	0.2	0	0.07	0
	Crop	0.01	3.3	21.12	0.07	9.05E-06
	Barren	1.83	3.3	3864.96	0.07	0.0017
					Total	0.0017

Table 4.5. Summary of mercury TMDLs.

Subsegment	TMDL (lbs/day)	MOS (lbs/day)	FG (lbs/day)	WLA (lbs/day)	LA (lbs/day)
010301	6.75	Implicit	0.67	0	6.08
010401	6.05	Implicit	0.60	0	5.44
010501	17.00	Implicit	1.70	0	15.30

4.4.1 MOS and FG

The MOS accounts for any lack of knowledge or uncertainty concerning the relationship between loads to the waterbodies and water quality. In this case, it accounts for uncertainty and variability related to fish tissue mercury concentrations, estimates of loading, and assumption of

a linear relationship between watershed mercury load and fish tissue mercury concentration. The MOS for these TMDLs is implicit due to the following conservative assumptions made in calculating the TMDLs:

1. Calculations of mercury load associated with soil erosion assume no loss of mercury from any mechanism during transport;
2. Mercury loading to the waterbodies is considered 100% available for uptake; and
3. The load reduction factor was based on the maximum reported fish tissue mercury concentration, not the average.

An additional 10% of each TMDL was set aside to account for future growth of mercury loads to these subsegments.

4.4.2 WLA

The WLA for point sources was set to zero because point sources were judged to not contribute significant mercury load to the subsegments. As such, it was not considered necessary to allocate any of the TMDL for point source loads. It will not be necessary to add mercury permit limits to the existing NPDES permits discharging to these subsegments to achieve the TMDLs.

4.4.3 LA

The LA for nonpoint sources was set to the TMDL minus the FG and the MOS. Because mercury concentrations in upstream inflows are already below the Louisiana mercury criterion, no changes were anticipated to the upstream loads. Reductions in the nonpoint source mercury loads to these subsegments will require reductions in the atmospheric deposition and erosion loads.

4.4.4 Seasonality

Wet deposition is greatest in the winter and spring seasons. Mercury loads fluctuate based on the amount and distribution of rainfall, and variability of localized and regional/global sources. While an average daily load is established here, the average annual load is of greatest

significance because mercury bioaccumulates over the life of the fish and the resulting risk to human health from fish consumption is a long-term phenomenon. Thus, daily or weekly inputs are less meaningful than total annual loads over many years. The use of annual loads allows for integration of short-term and seasonal variability. Mercury inputs should continue to be estimated through monitoring of wet deposition and additional sources.

Mercury methylation is expected to be highest during the summer when high temperatures promote biological activity and waterbodies can develop anoxic conditions. Based on the enhanced methylation and higher predator feeding rates during this period, mercury bioaccumulation is expected to be greatest during the summer. However, given the long depuration times for fish and relatively mild winters in Louisiana, seasonal changes in fish tissue mercury body burden are expected to be relatively small. Inherent variability of mercury concentrations between individual fish of the same and/or different size categories is expected to be greater than seasonal variability.

5.0 ONGOING AND FUTURE POLLUTANT LOADING REDUCTIONS

Table 4.1 shows that existing mercury loadings to the project study areas are primarily from nonpoint sources. As discussed in Section 4.2, mercury load to the project study areas will need to be reduced 78% to achieve the TMDL target of 0.5 mg/kg mercury in fish tissue.

5.1 Atmospheric Mercury

There is good evidence that reducing atmospheric deposition loads of mercury can reduce fish tissue mercury concentrations. Results from the METAALICUS project suggest that fish tissue concentrations are most responsive to changes in mercury loads entering waterbodies through direct deposition to the water surface (compared to changes in mercury deposition to the watershed that may be transported to the waterbody) (Blanchfield et al. 2006). Reduction of mercury emissions within Florida is believed to be the cause of a more than 60% decline in mercury concentrations in Everglades's fish (Atkeson et al. 2003). The EPA study of the benefits of the Clean Air Mercury Rule suggests that the reduction of mercury deposition resulting from the rule would result, on average, in about a 6% reduction in fish tissue mercury concentrations in Louisiana by 2020 (EPA 2005b). Because the majority of the mercury load to the study areas is from erosion of previously deposited mercury and direct atmospheric deposition, the fish mercury concentrations may take decades to decline in response to decreased mercury emissions and deposition (Chen et al. 2006).

5.1.1 National and State

In 1997, EPA reported that approximately 60% of the atmospheric mercury deposited in the US was emitted from US sources (EPA 1997). Facilities in Louisiana are subject to both state (LAC 33: III. Chapter 51) and federal mercury air emission rules. As rules and standards pursuant to the Clean Air Act have been developed, proposed, and promulgated since 1990, compliance by emitting sources as well as actions taken voluntarily have already begun to reduce emissions of mercury to the air across the US (www.epa.gov/air/mercuryrule/charts.html). EPA

expects a combination of ongoing activities will continue to reduce mercury emissions to the air over the next decade.

EPA currently regulates emissions of mercury and other HAPs under the maximum achievable control technology (MACT) program of Section 112 of the Clean Air Act, and under a corresponding new source performance standard (NSPS) program under Sections 111 and 129 of the Clean Air Act. Section 112 authorizes EPA to address categories of major sources of HAPs, including mercury, by issuing emissions standards that, for new sources, are at least as stringent as the emissions control achieved by the best performing similar source in the category, and for existing sources, are at least as stringent as the average of the best performing top 12% (or five facilities – whichever is greater) of similar sources. EPA may also apply these standards to smaller area sources, or choose to apply less stringent standards based on generally available control technologies (GACT). Sections 111 and 129 direct the EPA to establish MACT-equivalent standards for each category of new and existing solid waste incineration units, regulating several specified air pollutants, including mercury.

Based on EPA's National Toxics Inventory, the highest emitters of mercury to the air include coal-burning electric utilities, municipal waste combustors, medical waste incinerators, mercury cell chlor-alkali plants, and hazardous waste combustors. EPA has issued a number of regulations under Sections 111, 112, and 129 to reduce mercury pollution from several of these source categories. Relevant regulations that EPA has established to date under the Clean Air Act include those listed below.

1. Coal-burning electric utilities accounted for the greatest percentage of US mercury air emissions in 1990. In 1999 they accounted for over 40% of the US mercury air emissions. In March 2005, EPA issued the Clean Air Interstate Rule and the Clean Air Mercury Rule. When fully implemented, these rules will reduce mercury emissions from coal-burning electric utilities by nearly 70% from 1999 emissions levels.
2. Medical waste incinerators (MWIs) accounted for about 24% of US mercury air emissions in 1990. EPA issued emission standards under Sections 111 and 129 for MWIs on August 15, 1997. The implementation deadline for these standards was September 2002. This rule reduced mercury emissions from MWIs by about 97% from 1990 emission levels.

3. The source category of municipal waste combustion (MWC) accounted for about 20% of US mercury air emissions in 1990. EPA issued final regulations under Sections 111 and 129 for large MWCs on October 31, 1995. Large combustors or incinerators were required to be in compliance with the rule by December 2000. These regulations reduced mercury emissions from these facilities by about 90% from 1990 emission levels.
4. Mercury cell chlor-alkali plants accounted for about 4.5% of US mercury air emissions in 1994 and 1995. In December 2003, EPA issued mercury emission standards for these facilities under Section 112. When fully implemented, these standards will reduce mercury emissions from mercury cell chlor-alkali plants by about 50%. Both of the mercury cell chlor-alkali plants located in Louisiana have converted, or are in the process of converting, to production methods that do not utilize mercury (LDEQ 2007).
5. Hazardous waste combustors (HWCs) accounted for about 2.5% of US mercury air emissions in 1990. In February 1999, EPA issued emission standards under Section 112 for these facilities, which include incinerators, cement kilns, and lightweight aggregate kilns that burn hazardous waste. This regulation has not been implemented, pending resolution of a lawsuit. This regulation is expected to reduce mercury emissions from HWCs by more than 50% from 1990 emission levels.

These promulgated regulations, when fully implemented and considered together with actions discussed below that will reduce the mercury content of waste, are expected to reduce national mercury emissions caused by human activities by about 50% from 1990 levels.

There are also several national programs for reducing mercury emissions from the waste stream. In 1996 the US eliminated the use of mercury in most batteries under the Mercury Containing and Rechargeable Battery Management Act. In 2006 EPA initiated the National Vehicle Mercury Switch Recovery Program, a program to reduce mercury emissions by up to 75 tons over the next 15 years by removing mercury-containing light switches from scrap vehicles before they are recycled into steel. In addition, voluntary measures to reduce use of mercury-containing products, such as the voluntary measures committed to by the American Hospital Association, also will contribute to reduced emissions from waste combustion.

It is possible that the cumulative effect of additional standards and voluntary actions will reduce mercury emissions from human activities in the US by more than 50% from 1990 levels. In 1999, mercury emissions had already dropped 45% from 1990 levels. Mercury deposition

modeling of the influence of the Clean Air Interstate Rule suggests that mercury deposition in the Louisiana study areas would be reduced by less than 5 $\mu g/m^2$ by 2020 (EPA 2005b).

5.1.2 International

Mercury emitted to the air can travel the globe and be deposited outside national boundaries, contributing to mercury issues in other countries. The United Nations Environment Programme established its Mercury Programme in 2003. This program has the long-term objective "to substantially reduce or eliminate uses and anthropogenic releases of mercury and mercury compounds through the implementation of national, regional and global actions, thereby significantly reducing the global adverse impacts on health and the environment of those compounds" (United Nations Environment Programme 2006). Through this program, a number of global partnerships for mercury reduction have been initiated, dealing with global sources such as chlor-alkali plants, products, artisanal and small scale gold mining, and coal fired utilities. In addition, a global partnership for research into mercury fate and transport has also been initiated under this program. The US participates in these global partnerships.

The US is also a member of the Commission of Environmental Cooperation (CEC), with Canada and Mexico, under the North American Agreement on Environmental Cooperation. The CEC has developed the North American Regional Action Plan on Mercury. This plan has the goal of reducing anthropogenic mercury emissions through international and national initiatives, and has provisions regarding waste management; risk management approaches to address mercury emissions, processes, operation and products; and research, monitoring, modeling, inventory, and communication activities.

5.2 Pollution Prevention

Source reduction, through product and innovation, is the key element to pollution prevention. The US industrial demand for mercury dropped 75% from 1988 to 1997 (http://www.epa.gov/mercury). Reductions in mercury use are driven by voluntary efforts and by increasingly strict federal and state regulations, such as increasing regulation of mercury in products or outright bans on the use of mercury in products for which alternatives are available.

For example, in 1996 EPA eliminated the use of mercury in most batteries under the Mercury Containing and Rechargeable Battery Management Act. Other voluntary measures such as the commitment by the American Hospital Association to reduce the use of mercury-containing products will continue to decrease the amount of mercury available in the waste stream. Next to source reduction, recycling is fundamental to mercury pollution prevention. When mercury must be used and recycling is not a possibility, proper disposal is critical to reducing the potential of dispersion to the environment.

5.3 Louisiana Mercury Program

Since 1994, the Louisiana legislature has funded the Louisiana Mercury Program to collect data on mercury in fish, surface water, rain water, sediment, epiphytic vegetation, and human blood, in addition to reporting mercury data, issuing fish consumption advisories, and researching mercury fate and transport. In October 2004, the Governor of Louisiana announced the Louisiana Mercury Initiative. The goals of the initiative are to reduce the use and release of anthropogenic mercury in Louisiana, and minimize human exposure to mercury through improved communication, education, and research, and improved mercury management, collection, recycling, and disposal. As part of this initiative, LDEQ and its partners have developed the Louisiana Mercury Risk Reduction Plan (LDEQ 2007). This plan lists a number of actions that will be undertaken to reduce mercury releases to the environment in Louisiana:

- Implementation of the Louisiana Mercury Risk Reduction Act of 2006 regulating mercury in products, both their manufacture and disposal;
- Implementation of the Federal Clean Air Mercury Rule to coal-fired power plants;
- Monitor mercury emissions from former mercury-cell chlorine manufacturers as they convert to membrane technology;
- Reduce mercury releases by encouraging minimization of mercury in waste through recycling and beneficial reuse of mercury, by using pollution prevention measures, and by reducing incineration of waste containing mercury;
- Implementation of the Mercury Minimization Plan to detect and address mercury releases in wastewater discharges using the Louisiana Pollutant Discharge Elimination System;

- Development of management practices to reduce mercury releases from industrial landfills;
- Promotion of remediation of legacy mercury nanometer sites;
- Support of the Louisiana Nonpoint Source Management Plan to minimize transport of mercury in soils to waterbodies via erosion and sediment in runoff;
- Continued data gathering and research on health risks from mercury in fish;
- Continued education and outreach to increase mercury awareness;
- Implementation of child education programs on mercury awareness and pollution prevention;
- Continued data gathering and research on mercury sources, transport, and fate; and
- Preparation of biannual status reports on the Mercury Program.

6.0 PUBLIC PARTICIPATION

When EPA establishes a TMDL, federal regulations require EPA to publish a public notice and seek comment concerning the TMDL. The TMDLs in this report were prepared under contract to EPA. After these TMDLs were completed, EPA prepared a notice seeking comments, information, and data from the general and affected public concerning these draft TMDLs. Comments and additional information were submitted during the public comment period, and these TMDLs were revised accordingly. The comments submitted, and EPA's responses, are included as Appendix I. EPA has transmitted the final TMDLs to LDEQ for implementation and for incorporation into LDEQ's current water quality management plan.

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APPENDIX A

Maps

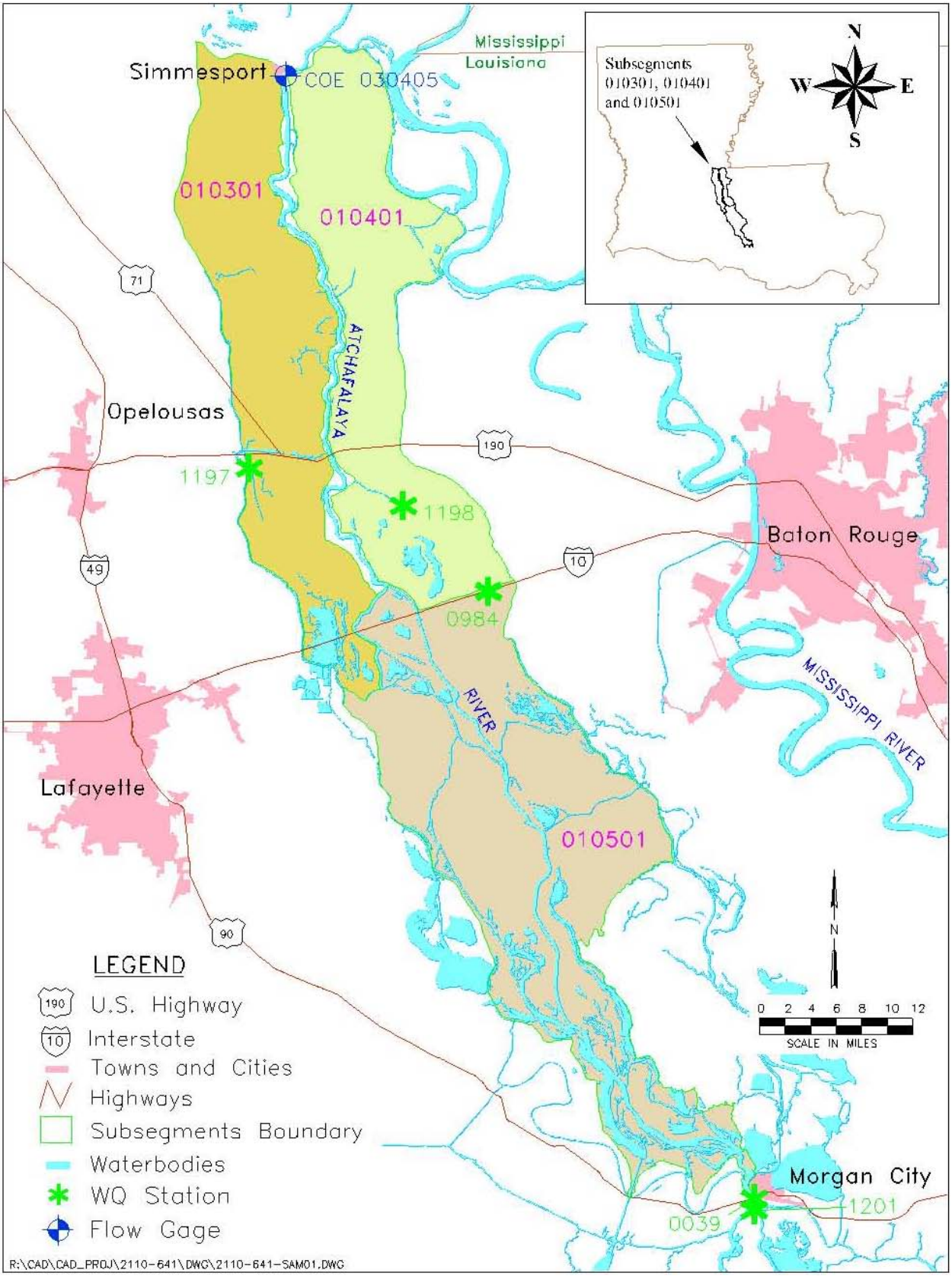

Figure A.1. Study area map.

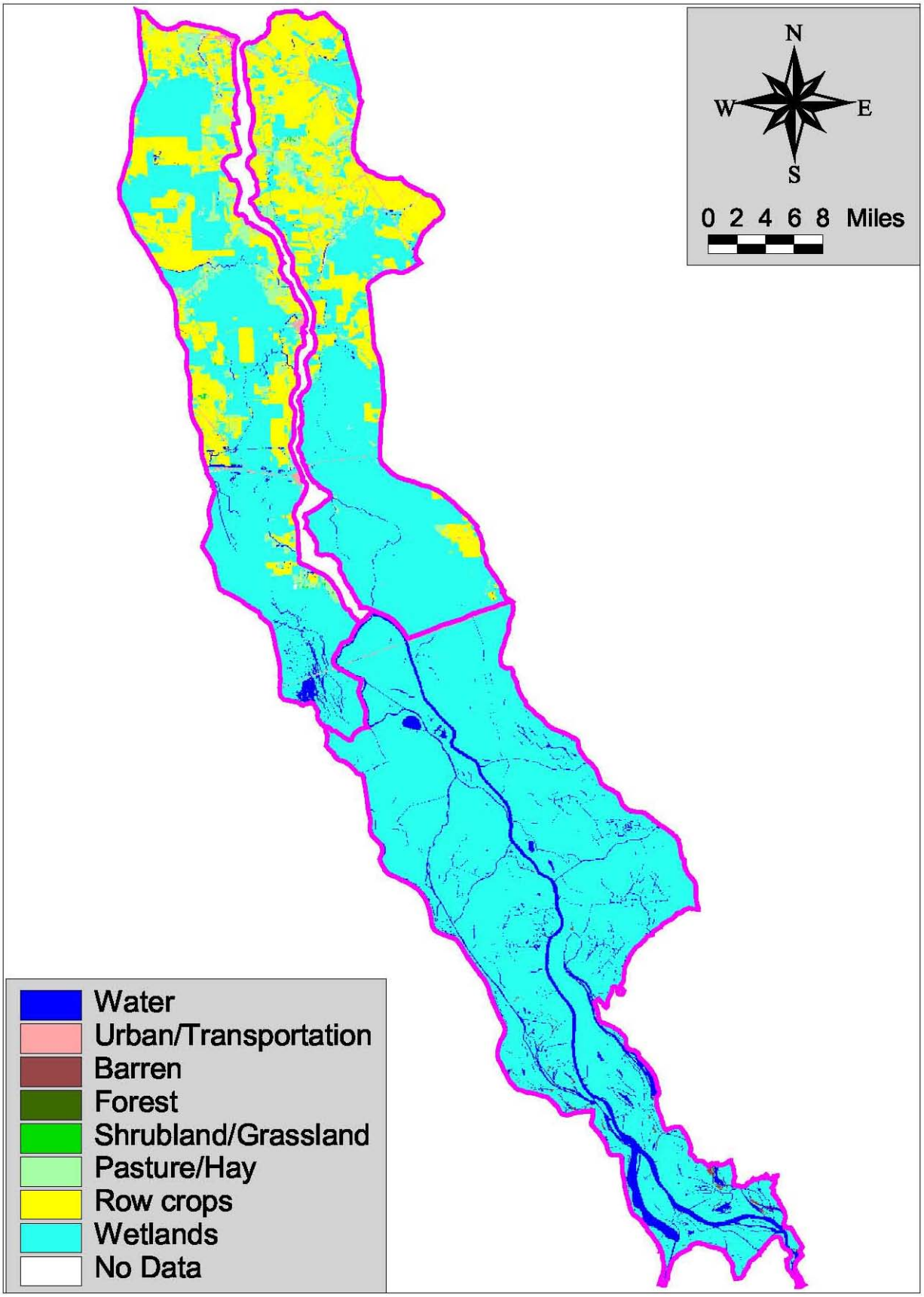

Figure A.2. Land use/land cover for study area.

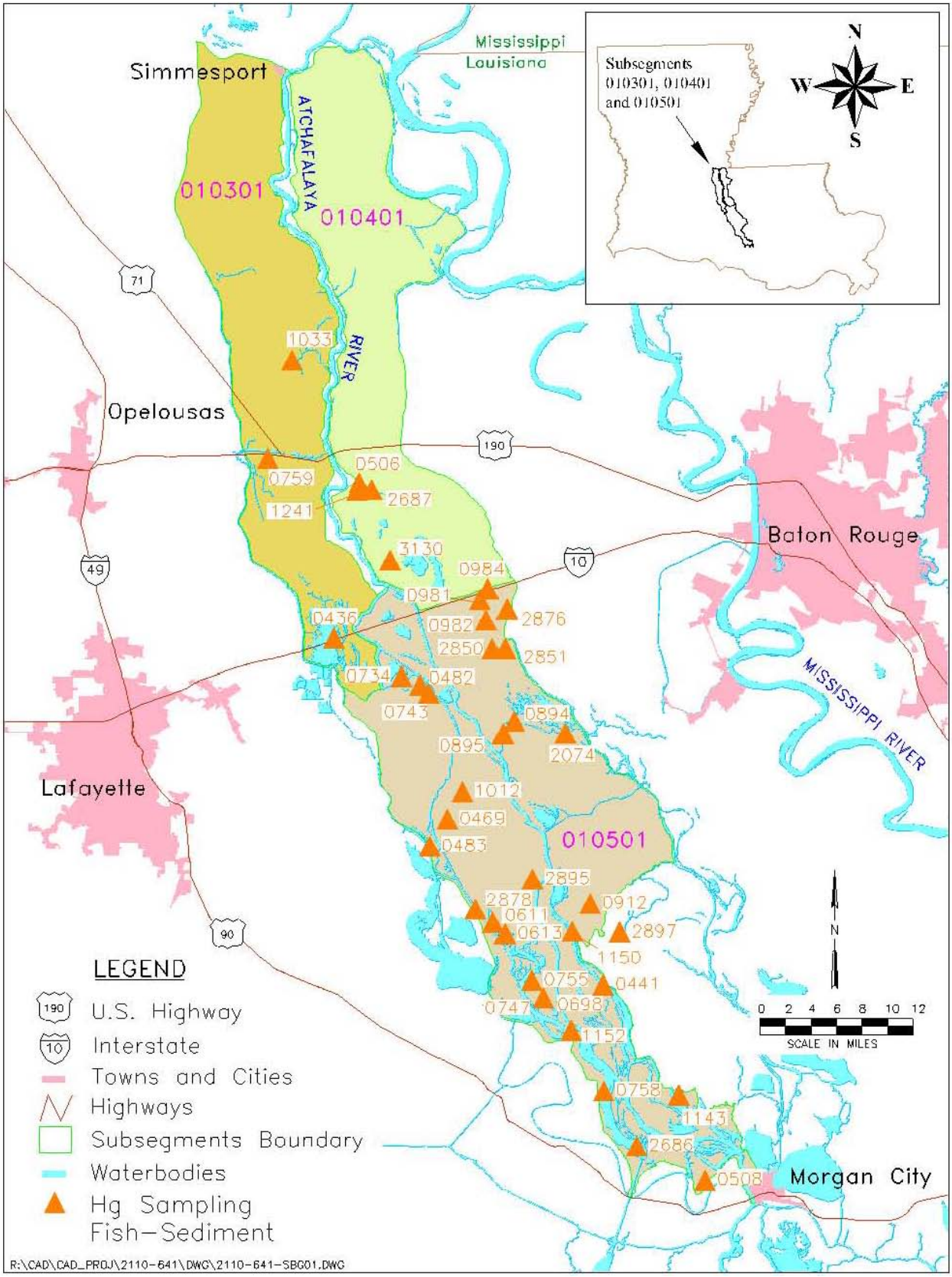

Figure A.3. Fish and sediment mercury sampling sites.

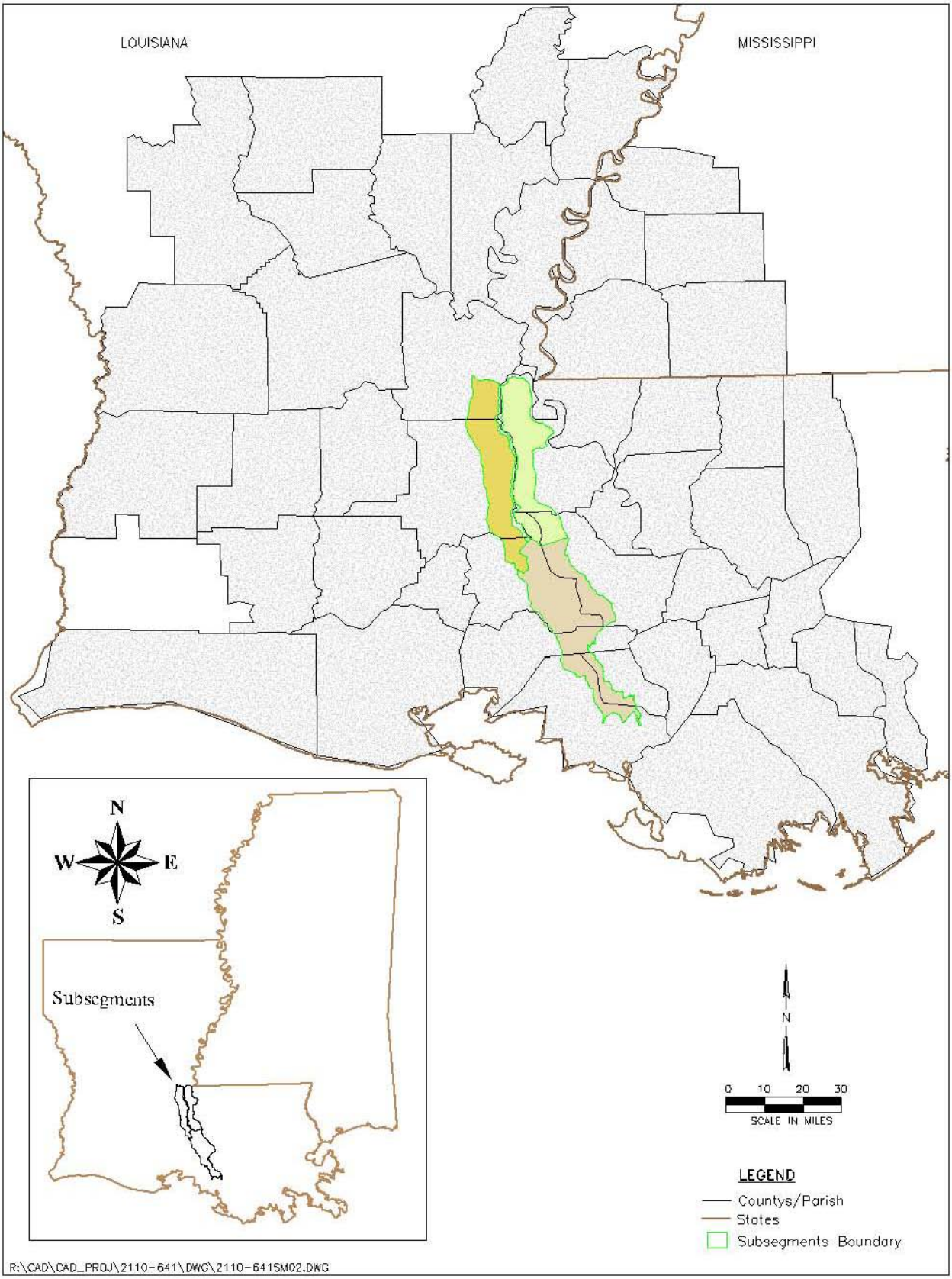

Figure A.4. Airshed boundary for study area.

APPENDIX B

Point Source Discharges

Table B.1. List of point sources for mercury-impaired subsegments.

Subsegment	AI Number	Permit Number	Company	Outfall	Receiving Stream	Type of Discharge	Flow Rate	Flow Rate Type and Units	Included in TMDL?
010301	3116	LA0051942	Valero Refining Co - Louisiana	002	Atchafalaya River	Discharge of Low Contamination Potential Stormwater	0.0202	Average, MGD	No
				003	Bayou Courtableau	Discharge of Low Contamination Potential Stormwater	0.0302	Average, MGD	No
				004	Atchafalaya River	Discharge of Treated Process Wastewater	0.811	Average, MGD	No
				005	Bayou Courtableau	Discharge of Low Contamination Potential Stormwater	0.0144	Average, MGD	No
010301	18829	LAG570243	Total Environmental Solutions Inc - Atchafalaya Acres Camps	001	Lake Bigeux	Treated Sanitary Wastewater	64400	Average, GPD	No
010301	19509	LAG560110	LADOTD - Atchafalaya Interchange	001		Treated Sanitary Wastewater	30000	Average, GPD	No
010301	30358	LAG33A578	Krotz Springs Gas Plant	001		Dewatering Effluent			No
				04A		Treated Sanitary Wastewater (Non-Oyster Propagation Area)			No
				006		Hydrostatic Test Water			No
010301	40719	LAG530051	Atchafalaya Basin Landing	001		Treated Sanitary Wastewater	5000	Maximum, GPD	No
010301	42447	LAG530368	Mcgees Landing	001	Henderson Swamp	Treated Sanitary Wastewater	1250	Average, GPD	No
010301	43380	LAG540690	North Central High School	001		Treated Sanitary Wastewater	25000	Maximum, GPD	No
010301	119108	LAG33A035	Plumb Bob Field Central Facility	001	Henderson Lake	Hydrostatic Test Wastewater			No
010301	122702	LAG541369	Kimbleton Lake Subdivision WWSTP	001	Two O'Clock Bayou	Treated Sanitary Wastewater	12000	Average, GPD	No
010301	127383	LA0121096	Moncrief Central Facility - Moncrief Field	001	Bayou Jack	Treated Wastewater from Pit Closure Activities			No
				019	Bayou Jack	Hydrostatic Test Water			No
010301	138314	LAG33A579	Krotz Springs Well #56 Site	001	Big Graw Bayou	Dewatering Effluent			No
				04A	Big Graw Bayou	Treated Sanitary Wastewater (Non-Oyster Propagation Area)			No
				006	Big Graw Bayou	Hydrostatic Test Water			No

Subsegment	AI Number	Permit Number	Company	Outfall	Receiving Stream	Type of Discharge	Flow Rate	Flow Rate Type and Units	Included in TMDL?
010301	138315	LAG33A580	KU #8 Tank Battery - Krotz Springs Field	001	Big Graw Bayou	Dewatering Effluent			No
				04A	Big Graw Bayou	Treated Sanitary Wastewater (Non-Oyster Propagation Area)			No
				006	Big Graw Bayou	Hydrostatic Test Water			No
010301	138316	LAG33A581	Krotz Springs Well #46 Site	001	Big Graw Bayou	Dewatering Effluent			No
				04A	Big Graw Bayou	Treated Sanitary Wastewater (Non-Oyster Propagation Area)			No
				006	Big Graw Bayou	Hydrostatic Test Water			No
010301	138317	LAG33A582	Krotz Springs Well #44 Site	001	Big Graw Bayou	Dewatering Effluent			No
				04A	Big Graw Bayou	Treated Sanitary Wastewater (Non-Oyster Propagation Area)			No
				006	Big Graw Bayou	Hydrostatic Test Water			No
010301	138318	LAG33A583	Krotz Springs Well #42 Site	001	Big Graw Bayou	Dewatering Effluent			No
				04A	Big Graw Bayou	Treated Sanitary Wastewater (Non-Oyster Propagation Area)			No
				006	Big Graw Bayou	Hydrostatic Test Water			No
010401	18584	LA0082279	Formosa Plastics Corp - Nan Ya Plastics	001	Atchafalaya River	Deionized Water, Cooler Tower Blowdown, etc.	0.0719	Average, MGD	No
				002	Atchafalaya River	Stormwater Runoff			No
				003	Atchafalaya River	Stormwater Runoff			No
010401	19320	LAG540582	Upper Pointe Coupee High School	001		Treated Sanitary Wastewater	<25000	Average, GPD	No
010401	43559	LAG560001	Total Environmental Solutions Inc - St Mary's Baptist Church Subdivision	001	Bayou Fisher	Treated Sanitary Wastewater	28200	Average, GPD	No
010401	73991	LAG531626	Batchelor LA Express	001	Bayou White Vine	Treated Sanitary Wastewater	665	Average, GPD	No
010401	83671	LAG531731	USArmy COE Morganza Control Structure	001	Cowhead Bayou	Treated Sanitary Wastewater	80	Average, GPD	No
010501	1350	LA0106712	Conrad Shipyard LLC	001	Atchafalaya River	Plant/Yard Washdown Water			No
				002	Atchafalaya River	Compressor Condensate, Plant/Yard Washdown Water			No
				003	Atchafalaya River	Plant/Yard Washdown Water			No
				004	Atchafalaya River	Plant/Yard Washdown Water			No
				005	Atchafalaya River	Ballast Water			No
				006	Atchafalaya River	Maintenance Ballast from Work, Treatment, Spar or Office Barges			No

Table B.1. Point source dischargers.

Subsegment	AI Number	Permit Number	Company	Outfall	Receiving Stream	Type of Discharge	Flow Rate	Flow Rate Type and Units	Included in TMDL?
010501	8072	LAG33A224	Bayou Bouillon Facility	001	Atchafalaya Basin Main Channel	Dewatering Effluent			No
				04A	Atchafalaya Basin Main Channel	Treated Sanitary Wastewater (Non-Oyster Propagation Area)			No
				006	Atchafalaya Basin Main Channel	Hydrostatic Test Water			No
010501	18103	LAG33A210	Myette Point South Facility	001	Grand Lake	Dewatering Effluent			No
010501	19259	LAG490007	Solar Marine Slvg & River Sand	001		Process Generated Wastewater	21.16	Average, MGD	No
010501	30235	LAG380056	Morgan City City of - Water System	001	Atchafalaya River	Filter Backwash and Clarifier Blowdown	583200	Average, GPD	No
010501	32105	LAG33A493	Bayou Pigeon Transfer Station	001		Dewatering Effluent			No
010501	32107	LAG33A492	Bayou Pigeon Central	001		Dewatering Effluent			No
010501	32120	LAG33A085	Little Bayou Pigeon Production Facility #1	001		Dewatering Effluent			No
010501	32847	LAG33A192	Duck Lake Central Production Facility	001		Dewatering Effluent			No
010501	32848	LAG33A412	Lake Chicot Field Facility	001		Dewatering Effluent			No
010501	33142	LAG490004	Sand Inc - River Sand Pit	001	Atchafalaya River	Process Wastewater and Process Area Stormwater			No
010501	38210	LAG540299	Evergreen Acres Mobil Home Park	001		Treated Sanitary Wastewater	25000	Maximum, GPD	No
010501	40397	LAG33A183	Zenor Site Facility - Patterson Field	001		Dewatering Effluent			No
010501	85200	LAG33A213	Murphy Lake Production Facility	001		Dewatering Effluent			No
010501	85393	LAG33A618	Bayou Henry Central Facility	001		Treated Wastewater from Pit Closure Activities			No
010501	87739	LA0117226	Texaco Fee #1 Lease - Bayou Des Glaises Field	001		Treated Wastewater from Pit Closure Activities			No
010501	97861	LAG531328	St Mary Parish Government Myette Point Boat Launch	001		Treated Sanitary Wastewater	5000	Maximum, GPD	No
010501	101588	LA0116670	EEX Corp Production Facility #1	001		Treated Wastewater from Pit Closure Activities			No

Table B.1. Point source dischargers.

Subsegment	AI Number	Permit Number	Company	Outfall	Receiving Stream	Type of Discharge	Flow Rate	Flow Rate Type and Units	Included in TMDL?
010501	104251	LAG33A033	Plumb Bob Tank Battery						No
010501	115147	LAG33A495	Bayou Pigeon Field South Facility	001	Little Bayou Pigeon	Dewatering Effluent			No
010501	117533	LAG480481	BLR Construction Co - Butte La Rose Yard	001	Atchafalaya River	Treated Sanitary Wastewater	100	Average, GPD	No
010501	117706	LA0118974	Bayou Bouillon Field Facility	001		Treated Wastewater from Pit Closure Activities			No
010501	120887	LAG33A071	Little Bayou Pigeon Production Facility No 2 - Bayou Pigeon Oil & Gas Field	001	Bayou Gravenburg	Dewatering Effluent			No
010501	123785	LAG33A619	Wilbert B-3 Well Site	001		Dewatering Effluent			No
010501	125416	LA0120294	State Lease 18103 Well #1 - Myette Point Field	001	Atchafalaya Basin	Treated Wastewater from Pit Closure Activities			No
010501	130124	LAG33A440	Bayou Sorrel Schwing Facility	001		Dewatering Effluent			No
010501	131291	LAG33A052	Range/E B Schwing #1 Facility - Bayou Sorrel Field			*permit terminated			No
010501	134715	LAG33A293	Bayou Crook Chene Production Facility - Bayou Crook Chene Field	001		Dewatering Effluent			No
010501	139760	LAG33A640	Bayou Bouillion et al. #1 Production Facility	001		Dewatering Effluent			No
010501	140166	LAG33A622	Wilbert C-2 - Bayou Henry Field	001		Dewatering Effluent			No
010501	140171	LAG33A621	Wilbert E-1 - Bayou Henry Field	001		Dewatering Effluent			No
010501	146758	LAG33A678	E B Schwing et al Well #1 - Bayou Sorrel Field	001		Dewatering Effluent			No

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Table B.1. Point source dischargers.

APPENDIX C

Water Quality Data

Table C.1. Listing of water quality data for Bayou Courtableau near Courtableau, Louisiana (Station 1197).

Date	pH	TOC (mg/L)	SO_4 (mg/L)	Hg (ug/L)
08-Jan-02	7.11	15.2	5.7	0.00337
18-Feb-02	6.45	8.8	9.4	
19-Mar-02	6.91	5.8	26.1	
09-Apr-02	6.87	10.3	6.4	0.00507
	6.87	10.2	3.8	0.00466
				0.00278
14-May-02	7.11	4.5	29.4	
11-Jun-02	7.55	3.2	29.1	
16-Jul-02	7.58	3.9	36.0	0.00079
	7.05	3.9	34.5	0.00059
13-Aug-02	7.78	4.0	46.5	
17-Sep-02	7.67	4.2	51.0	
14-Oct-02	7.67	20.7	4.1	0.00596
18-Nov-02	7.62	11.0	2.6	
09-Dec-02		9.0	3.4	
11-Jan-05	7.45	11.6	9.4	
01-Feb-05	7.49	8.3	6.8	
01-Mar-05	7.26	8.9	4.7	0.00334
05-Apr-05	7.48	11.0	27.5	
03-May-05	8.08	6.1	29.1	
07-Jun-05	7.75	7.9	33.4	
28-Jun-05	7.91	5.0	41.9	0.00036
12-Jul-05	7.98	4.1	41.2	
02-Aug-05	7.70	4.3	38.8	
				0.00121
Count	22	23	23	10
Min	6.45	3.2	2.6	0.00036
Average	7.42	7.9	22.6	0.00281
Median	7.52	7.9	27.5	0.00306
Max	8.08	20.7	51.0	0.00596

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Table C.2. Listing of water quality data for Alabama Bayou west of Maringouin (Station 1198).

Date	pH	TOC (mg/L)	SO_4 (mg/L)	Hg (ug/L)
08-Jan-02	7.36	8.1	10.6	0.00235
	7.36	8.7	10.4	0.00238
18-Feb-02	6.12	11.2	14.6	
19-Mar-02	6.56	13.9	10.7	
09-Apr-02	6.97	12.1	10.2	0.00397
14-May-02	6.95	12.1	9.2	
11-Jun-02	7.29	11.1	7.2	
16-Jul-02	7.28	8.9	16.0	0.00122
13-Aug-02	7.68	8.5	12.6	
17-Sep-02	7.68	11.2	9.1	
14-Oct-02	7.63	17.1	6.6	0.00298
	7.63	16.7	6.6	0.00279
18-Nov-02	7.85	12.9	5.2	
09-Dec-02		9.3	10.3	
11-Jan-05	7.26	10.9	11.6	
01-Feb-05	6.91	11.3	19.1	
01-Mar-05	7.05	10.9	11.2	0.00287
05-Apr-05	6.82	13.5	9.8	
03-May-05	7.16	10.9	16.7	
07-Jun-05	7.25	11.3	12.3	
28-Jun-05	7.24	10.0	15.1	0.00056
12-Jul-05	7.01	10.0	11.2	
02-Aug-05	7.44	10.5	12.3	
				0.00029
Count	22	23	23	9
Min	6.12	8.1	5.2	0.00056
Average	7.20	11.4	11.2	0.00216
Median	7.26	11.1	10.7	0.00238
Max	7.85	17.1	19.1	0.00397

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Table C.3. Listing of water quality data for I-10 Canal East Atchafalaya Basin, Louisiana (Station 0984).

Date	pH (su)	TOC (mg/L)	SO_4 (mg/L)	Hg (ug/L)
7-Aug-00	7.73	7.0	24.0	0.05
6-Jan-04	7.00	9.7	17.6	
08-Aug-05	7.57	9.7	9.0	
13-Jun-07		17.5	5.6	0.00056
Count	3	4	4	2
Min	7.00	7.0	5.6	0.00056
Average	7.43	11.0	14.1	0.02528
Median	7.57	9.7	13.3	0.02528
Max	7.73	17.5	24.0	0.05

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Table C.4. Listing of water quality data for Atchafalaya River at Morgan City (Station 0039).

Date	pH	TOC (mg/L)	SO_4 (mg/L)	Hg (ug/L)
08-Mar-78	7.30		35.0	
12-Apr-78	7.30		39.0	
10-May-78	7.30			0.2
14-Jun-78	7.30		33.0	
12-Jul-78	7.70		63.0	
16-Aug-78	7.70		56.0	
13-Sep-78	7.70		76.0	
11-Oct-78	7.50	19.0	57.0	
15-Nov-78	7.90		86.0	
13-Dec-78	7.30	5.5	45.0	
09-Jan-79	7.50	12.5	28.0	
14-Feb-79	7.10	9.5	2.5	
14-Mar-79	7.10	14.0	14.0	
18-Apr-79	7.30	5.5	21.0	
16-May-79	7.20	5.0		
13-Jun-79	7.30		26.0	
15-Aug-79	7.30	1.8		
12-Sep-79	7.70	1.5		
10-Oct-79	7.50	2.5	42.6	
07-Nov-79	7.50	4.5	59.6	
12-Dec-79	7.30	3.5	43.4	
16-Jan-80	7.70	4.0	33.7	
13-Feb-80	7.20	3.5	21.4	
12-Mar-80	7.40	4.0	40.1	
16-Apr-80	7.20	3.0		
14-May-80	7.30	4.5		
11-Jun-80	7.30	4.0		
13-Aug-80	8.00	5.0		
16-Sep-80	7.60			
15-Oct-80	7.50	4.5		
19-Nov-80	7.50	4.5		
10-Dec-80	6.60	3.8		
13-Jan-81	7.20	5.0		
10-Feb-81	7.00	5.0	66.0	
10-Mar-81	7.20	5.0		0.3
14-Apr-81	7.50	11.5	48.0	0.1
12-May-81	7.60		28.0	
09-Jun-81	7.30	3.0	18.9	
14-Jul-81	7.30	4.7	18.0	0.2
11-Aug-81	7.30	4.0	33.6	
15-Sep-81	7.70	4.0	47.9	
13-Oct-81	7.90	4.5	53.5	0.1
17-Nov-81	7.40		60.2	
14-Dec-81	7.60	4.4	32.1	
11-Jan-82	7.20	5.0	39.6	
09-Feb-82	7.20	6.6	23.9	0.2
08-Mar-82	7.30	6.4	18.1	
13-Apr-82	7.30	4.6	33.5	

Date	pH	TOC (mg/L)	SO_4 (mg/L)	Hg (ug/L)
11-May-82	7.40	4.0	34.0	
15-Jun-82	7.50		38.3	
13-Jul-82	7.50		51.5	
10-Aug-82	7.67	3.8	34.3	0.4
14-Sep-82	7.80	3.8	63.7	1.1
12-Oct-82	7.70	3.2	51.8	0.6
16-Nov-82	7.72	7.2	69.6	
14-Dec-82	7.77	4.8	37.5	
11-Jan-83	7.40	5.2	21.2	
08-Feb-83	7.72	6.4	20.1	
15-Mar-83	7.55	6.4	18.1	
12-Apr-83	7.65	3.9	18.3	
10-May-83	7.30	4.0	38.8	
14-Jun-83	7.00	4.1	25.3	
12-Jul-83	7.30	4.4	19.8	
09-Aug-83	7.68	3.8	56.6	1.1
13-Sep-83	7.72	3.1	62.4	0.2
11-Oct-83	7.80	3.8	69.3	0.4
15-Nov-83	7.73	4.7	94.0	0.2
13-Dec-83	7.54	5.7	39.2	
10-Jan-84	7.30	6.3	32.0	0.3
14-Feb-84	7.50	5.0	47.2	0.6
13-Mar-84	7.40	7.3	27.4	
10-Apr-84	7.50	6.1	33.7	0.2
15-May-84	7.60	5.8	37.0	6.5
12-Jun-84	7.70	4.9	39.0	0.2
10-Jul-84	7.80	6.4	49.4	0.3
14-Aug-84	7.50	3.8		0.2
11-Sep-84	7.60	3.6	66.7	3.8
09-Oct-84	8.10	5.6	74.7	0.4
14-Nov-84	7.50		30.0	0.3
11-Dec-84	6.60		31.5	0.3
15-Jan-85	7.20	6.4	37.7	0.2
12-Feb-85	7.30	5.9	35.3	0.2
12-Mar-85	7.60	6.9	33.8	0.5
09-Apr-85	7.37	6.4	36.6	0.2
14-May-85	7.63	6.5	36.8	0.2
11-Jun-85	7.63	4.7	54.9	0.2
09-Jul-85	7.63	4.6	44.8	0.2
13-Aug-85	8.29	7.4	59.4	0.2
10-Sep-85	7.81	4.1	50.3	
15-Oct-85	8.32	3.8	57.7	0.2
19-Nov-85	7.72	6.2	52.2	0.2
10-Dec-85	7.69	6.5	37.0	0.2
14-Jan-86	7.86	5.9	39.6	0.6
18-Feb-86	7.82	7.1	43.2	0.6
18-Mar-86	8.09	4.8	49.5	0.8
15-Apr-86	8.22	6.8	36.5	0.2
13-May-86	7.92	6.3	43.8	

Table C.4 LDEQ water quality data for Station 0039.

Date	pH	TOC (mg/L)	SO_4 (mg/L)	Hg (ug/L)
10-Jun-86	7.94	6.1	47.7	0.2
15-Jul-86	7.84	5.8	43.2	
12-Aug-86	8.02	5.7	72.0	0.4
09-Sep-86	7.68	4.2	89.9	0.2
14-Oct-86	8.12	6.4	72.5	0.2
18-Nov-86	7.94	6.5	55.0	
09-Dec-86	7.63	5.8	42.8	0.2
13-Jan-87	7.74	6.6	38.9	0.2
17-Feb-87	7.87	6.0	52.4	0.2
10-Mar-87	7.76	7.0	37.2	
14-Apr-87	7.64	7.7	46.2	0.2
12-May-87	7.73	5.2	53.3	
09-Jun-87	7.82	4.8	116.6	0.2
14-Jul-87	8.11	4.6	22.8	
11-Aug-87	8.23	3.8	66.1	0.2
15-Sep-87	7.99	4.3	67.4	
14-Oct-87	8.13	3.6	74.4	0.2
17-Nov-87	7.66	3.8	89.5	
15-Dec-87	8.10	6.0	39.5	0.2
12-Jan-88	7.89	7.0	29.5	
09-Feb-88	7.30	6.8	31.7	0.2
15-Mar-88	7.60	7.3	35.9	
11-Apr-88	7.01	9.4	31.4	0.2
10-May-88	7.64	32.7	46.6	
14-Jun-88	8.20	3.7	65.5	0.2
09-Jul-88	8.10	3.7	76.2	
09-Aug-88	8.00	3.4	68.6	
13-Sep-88	7.80	4.3	62.0	
11-Oct-88	7.70	4.5	66.7	0.2
15-Nov-88	7.80	3.8	65.6	
13-Dec-88	7.60	6.9	35.9	0.2
10-Jan-89	7.70	7.1	32.3	
13-Feb-89	6.70	6.4	25.8	0.2
13-Mar-89	7.13	5.4	24.7	
10-Apr-89	7.40	8.3	18.1	0.2
08-May-89	7.30	7.2	29.6	
12-Jun-89	7.10	6.3	31.6	0.2
11-Jul-89	6.98	6.7	35.5	
15-Aug-89	7.33	6.1	31.0	0.2
12-Sep-89	7.57	4.4	56.4	
10-Oct-89	7.55	4.6	48.3	0.2
14-Nov-89	6.90	3.4	53.0	
12-Dec-89	7.84	5.7	41.4	0.2
09-Jan-90	7.58	5.7	39.2	
13-Feb-90	7.60	6.3	22.7	0.2
13-Mar-90	7.33	5.3	25.9	0.2
10-Apr-90	7.14	6.4	25.0	0.2
15-May-90	7.65	5.9	31.1	
12-Jun-90	7.90	6.0	28.3	0.2

Table C.4 LDEQ water quality data for Station 0039.

Date	pH	TOC (mg/L)	SO_4 (mg/L)	Hg (ug/L)
10-Jul-90	7.60	6.8	22.9	
14-Aug-90	7.64	4.1	46.2	0.2
11-Sep-90	8.12	3.9	48.7	
16-Oct-90	7.50	3.6	48.6	0.2
14-Nov-90	7.50	4.2	48.7	
11-Dec-90	7.20	4.7	41.1	0.2
15-Jan-91	7.40	4.3	23.5	0.2
12-Mar-91	7.40	5.8	29.1	0.2
14-May-91	8.00	7.0	15.8	0.2
16-Jul-91	7.73	5.6	32.8	0.2
10-Sep-91	7.30	4.2	47.2	0.2
19-Nov-91	7.50	6.8	43.4	0.2
07-Jan-92	7.30	5.8	37.1	0.2
10-Mar-92	7.06	7.0	28.1	0.2
12-May-92	7.70	5.6	45.0	0.8
14-Jul-92	7.80	8.3	48.2	0.2
15-Sep-92	7.20	7.5	45.7	0.2
17-Nov-92	7.70	8.1	46.0	0.2
12-Jan-93	6.80	5.2	33.3	0.2
09-Mar-93	7.30	12.1	39.6	0.2
11-May-93	7.10	7.1	38.8	0.2
13-Jul-93	7.34	7.4	36.0	0.14
14-Sep-93	7.60	3.7	34.2	0.05
16-Nov-93	7.40	7.8	47.5	0.05
11-Jan-94	7.40	4.5	32.7	0.05
15-Mar-94	7.30	3.3	27.6	0.1
10-May-94	7.60	2.6	34.6	0.05
12-Jul-94	7.80	3.6	45.7	0.08
13-Sep-94	7.90	3.4	50.8	0.05
15-Nov-94	7.30	5.8	35.6	0.05
10-Jan-95	7.30	6.1	32.0	0.06
14-Mar-95	7.40	8.8	22.8	0.05
11-Jul-95	7.50	4.6	48.7	0.05
14-Nov-95	7.93	10.2	70.1	0.05
09-Jan-96	7.81	7.8	51.1	0.05
12-Mar-96	7.70	6.6	46.9	0.08
14-May-96	7.30	6.6	37.4	0.05
09-Jul-96	7.40	14.7	39.9	0.05
10-Sep-96	7.70	6.6	56.6	0.05
19-Nov-96	8.00	4.5	42.1	0.05
07-Jan-97	7.70	7.3	33.9	0.05
11-Mar-97	8.20	6.3	33.1	0.05
13-May-97	7.30	6.4	34.2	0.05
15-Jul-97	7.30	4.7	45.2	0.05
09-Sep-97	8.20	4.4	81.3	0.05
18-Nov-97	7.90	4.0	77.2	0.05
13-Jan-98	7.60	5.2	46.6	0.05
10-Mar-98	7.33	5.5	36.9	0.05
12-May-98	7.20	4.5	45.1	0.06

Table C.4 LDEQ water quality data for Station 0039.

Date	pH	TOC (mg/L)	SO_4 (mg/L)	Hg (ug/L)
08-Jun-98	7.66	3.6	47.8	0.05
13-Jul-98	7.42	3.3	37.0	
10-Aug-98	7.81	4.2	43.6	
14-Sep-98	8.06	5.2	49.9	0.05
12-Oct-98	7.71	7.6	51.5	
16-Nov-98	7.59	5.5	47.6	
14-Dec-98	7.60	4.8	45.3	0.05
12-Jan-99	7.10	6.4	21.3	
09-Mar-99	8.85	10.7	27.8	0.05
13-Apr-99	7.80	7.4	30.7	
11-May-99	7.50	4.8	43.6	
15-Jun-99	6.69	7.7	53.5	0.05
13-Jul-99	7.40	5.1	56.8	
10-Aug-99	7.90	4.1	58.3	
14-Sep-99	7.90	3.7	78.3	0.05
12-Oct-99	8.19	4.7	80.7	
16-Nov-99	7.70	3.2	94.7	
07-Dec-99	7.93	3.9	95.9	0.05
11-Jan-00	7.64	4.5		
08-Feb-00	7.70	8.6	61.5	
14-Mar-00	6.98	6.6	54.4	
11-Apr-00	7.31	18.3	2.9	0.05
09-May-00	7.76	6.8	48.5	
13-Jun-00	8.04	5.7	39.7	
11-Jul-00	7.53	6.8	35.3	0.05
08-Aug-00	7.90	2.7	55.6	
14-Feb-01	7.31	6.3	35.7	
13-Mar-01	7.75	7.8	26.6	0.05
10-Apr-01	7.19	8.7	24.0	
08-May-01	7.46	5.4	37.6	0.00109
05-Jun-01	7.42	5.2	45.2	
10-Jul-01	7.43	5.0	39.0	
07-Aug-01	7.70	4.3	49.1	
04-Sep-01	7.49	3.4	51.4	0.00059
02-Oct-01	7.49	4.0	53.5	
06-Nov-01	7.37	10.0	41.6	
04-Dec-01	7.16	8.2	17.7	0.00238
08-Jan-02	8.00	6.8	18.5	0.00248
07-Feb-02	7.57	4.5	28.1	
07-Mar-02	7.87	5.5	23.2	
02-Apr-02	7.85	6.1	22.6	0.00148
07-May-02	7.43	3.4	32.3	
12-Jun-02	7.44	3.7	27.8	
09-Jul-02	7.55	3.4	32.8	0.00044
20-Aug-02	7.82	2.3	48.1	
10-Sep-02	7.79	6.3	50.1	
17-Oct-02	7.47	4.7	40.0	0.00054
	7.47	4.6	40.0	0.00072
06-Nov-02	7.49	6.5	39.4	

Table C.4 LDEQ water quality data for Station 0039.

Date	pH	TOC (mg/L)	SO_4 (mg/L)	Hg (ug/L)
03-Dec-02	7.56	3.9	41.9	
21-Jan-03	7.53	4.3	29.0	
18-Feb-03	7.49	3.0	39.1	
18-Mar-03	7.70	4.1	24.2	
22-Apr-03	7.26	3.4	36.7	0.00112
20-May-03	7.56		32.0	
17-Jun-03	7.29	6.5	30.4	
22-Jul-03	7.73	6.2	34.6	0.00153
19-Aug-03		6.9	43.4	
23-Sep-03		4.7	40.0	
21-Oct-03	7.40	4.1	47.8	
12-Nov-03	7.64	4.8	55.7	
16-Dec-03	7.54	6.9	35.9	0.001
13-Jan-04	7.30	5.9	36.5	
16-Feb-04	7.76	8.9	24.3	
18-Mar-04	7.60	7.9	33.4	0.00115
14-Apr-04	7.60	5.1	33.4	
25-May-04	7.50	6.0	22.6	
08-Jun-04	7.48	8.5	34.5	0.00146
06-Jul-04	7.90	9.6	23.4	
03-Aug-04	8.00	7.4	31.3	
31-Aug-04		8.1	44.4	0.0009
05-Oct-04	7.70	3.9	48.3	
26-Oct-04		10.4	44.9	
30-Nov-04	8.10	10.7	25.1	0.00218
12-Jan-05	7.61	6.8	38.7	
16-Feb-05	7.29	8.2	25.9	0.00154
09-Mar-05	7.07	4.3	29.2	
11-Apr-05	7.19	6.4	39.6	0.00111
11-May-05	7.73	11.9	42.1	
23-May-05	7.72	8.5	41.3	
08-Jun-05	7.69	8.0	39.2	
22-Jun-05	7.90	5.8	50.8	0.00099
13-Jul-05	7.91	4.2	50.3	
03-Aug-05	7.87	4.0	42.4	
24-Aug-05	8.16	4.3	49.6	
14-Sep-05	7.74	2.6	48.2	
11-Jan-06	8.02	3.6	50.2	
08-Feb-06	7.76	3.5	35.5	
08-Mar-06	7.78	6.2	32.8	
06-Apr-06	7.65	7.1	27.4	
18-Apr-06	7.46	5.5	41.4	0.00107
23-May-06	7.80		35.6	
21-Jun-06			49.3	
19-Jul-06	7.99		49.9	
16-Aug-06	7.99		54.5	
13-Sep-06	7.90		52.8	
11-Oct-06	7.93		40.4	
29-Nov-06	7.88		37.2	

Table C.4 LDEQ water quality data for Station 0039.

Date	pH	TOC (mg/L)	SO_4 (mg/L)	Hg (ug/L)
29-Jan-07	8.09		24.5	
26-Feb-07	7.83		27.4	
19-Mar-07	8.42		33.4	
09-Apr-07	7.85		37.8	
30-Apr-07	8.00		43.9	
21-May-07	7.97		34.9	
11-Jun-07	7.86		64.1	
09-Jul-07	7.93		50.5	
30-Jul-07	7.75		40.5	
20-Aug-07	7.98		51.0	
17-Sep-07	7.97			
09-Oct-07	8.00			
Count	300	269	287	141
Min	6.60	1.5	2.5	0.00044
Average	7.60	5.8	42.5	0.24712
Median	7.60	5.5	39.6	0.2
Max	8.85	32.7	116.6	6.5

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Table C.4 LDEQ water quality data for Station 0039.

Table C.5. Listing of water quality data for Lower Atchafalaya River near Bateman Island (Station 1201).

Date	pH	TOC (mg/L)	SO_4 (mg/L)	Hg (ug/L)
08-Jan-02	8.07	7.0	18.2	0.00277
07-Feb-02	7.55	5.9	28.0	
07-Mar-02	7.85	5.7	25.1	
02-Apr-02	7.91	4.5	22.2	0.00145
07-May-02	7.41	4.2	30.8	
12-Jun-02	7.43	4.1	28.2	
09-Jul-02	7.57	3.9	33.2	0.00059
20-Aug-02	7.99	2.3	47.8	
10-Sep-02	7.81	2.9	50.3	
17-Oct-02	7.50	4.3	41.6	0.00015
06-Nov-02	7.48	5.2	39.9	
03-Dec-02	7.55	2.0	41.5	
13-Jan-04	7.31	6.2	36.6	
16-Feb-04	7.79	10.2	24.3	
18-Mar-04	7.60	10.9	34.4	0.00113
14-Apr-04	7.50	4.8	33.2	
25-May-04	7.40	6.0	22.7	
08-Jun-04	7.49	7.7	34.4	0.00133
06-Jul-04	8.03	9.1	23.5	
03-Aug-04	8.00	7.1	30.5	
31-Aug-04		7.6	43.7	0.00151
05-Oct-04	7.70	3.6	42.4	
26-Oct-04		10.5	45.9	
30-Nov-04	8.10	10.2	24.9	0.00214
Count	22	24	24	8
Min	7.31	2.0	18.2	0.00015
Average	7.68	6.1	33.5	0.001384
Median	7.59	5.8	33.2	0.00139
Max	8.10	10.9	50.3	0.00277

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APPENDIX D

Fish Tissue Mercury Data

Table D.1. Fish tissue mercury data.

SUBSEGMENT	SITE NO.	SITE NAME	DATE	MERCURY	UNITS	NUMBER OF FISH	AVG FISH WEIGHT (g)	AVG FISH LENGTH (cm)	FISH SPECIES	PARISH
010301	0759	Two O'Clock Bayou, West of Krotz Springs, Louisiana	08/25/98	0.270	ppm	1	2948.4	53	Bigmouth Buffalo	ST LANDRY
010301	0759	Two O'Clock Bayou, West of Krotz Springs, Louisiana	08/25/98	0.250	ppm	3	1483.6	43.6	Bigmouth Buffalo	ST LANDRY
010301	0759	Two O'Clock Bayou, West of Krotz Springs, Louisiana	08/25/98	0.160	ppm	5	453.6	30.3	Black Crappie	ST LANDRY
010301	0759	Two O'Clock Bayou, West of Krotz Springs, Louisiana	08/25/98	0.140	ppm	4	354.4	28	Black Crappie	ST LANDRY
010301	0759	Two O'Clock Bayou, West of Krotz Springs, Louisiana	08/25/98	0.440	ppm	3	1776.6	54.9	Bowfin	ST LANDRY
010301	0759	Two O'Clock Bayou, West of Krotz Springs, Louisiana	08/25/98	0.100	ppm	1	907.2	37.5	Freshwater Drum	ST LANDRY
010301	0759	Two O'Clock Bayou, West of Krotz Springs, Louisiana	08/25/98	0.240	ppm	1	2126.3	48.6	Freshwater Drum	ST LANDRY
010301	0759	Two O'Clock Bayou, West of Krotz Springs, Louisiana	08/25/98	0.180	ppm	1	1219.1	42.1	Freshwater Drum	ST LANDRY
010301	0759	Two O'Clock Bayou, West of Krotz Springs, Louisiana	08/25/98	0.320	ppm	7	453.6	31.4	Largemouth Bass	ST LANDRY
010301	0759	Two O'Clock Bayou, West of Krotz Springs, Louisiana	08/25/98	0.340	ppm	4	602.4	34.3	Largemouth Bass	ST LANDRY
010301	0759	Two O'Clock Bayou, West of Krotz Springs, Louisiana	08/25/98	0.460	ppm	4	864.7	37.9	Largemouth Bass	ST LANDRY
010301	0759	Two O'Clock Bayou, West of Krotz Springs, Louisiana	08/25/98	0.570	ppm	2	1616.0	46.6	Largemouth Bass	ST LANDRY
010301	0759	Two O'Clock Bayou, West of Krotz Springs, Louisiana	08/25/98	0.410	ppm	3	812.7	37.1	Largemouth Bass	ST LANDRY
010301	0759	Two O'Clock Bayou, West of Krotz Springs, Louisiana	08/25/98	0.090	ppm	3	954.4	37.9	Smallmouth Bass	ST LANDRY
010301	0759	Two O'Clock Bayou, West of Krotz Springs, Louisiana	09/20/04	0.310	ppm	2	595.0	31.7	Black Crappie	ST LANDRY
010301	0759	Two O'Clock Bayou, West of Krotz Springs, Louisiana	09/20/04	0.130	ppm	7	355.7	27.5	Black Crappie	ST LANDRY
010301	0759	Two O'Clock Bayou, West of Krotz Springs, Louisiana	09/20/04	0.080	ppm	9	263.3	25.3	Black Crappie	ST LANDRY
010301	0759	Two O'Clock Bayou, West of Krotz Springs, Louisiana	09/20/04	0.600	ppm	2	3425.0	64.8	Bowfin	ST LANDRY
010301	0759	Two O'Clock Bayou, West of Krotz Springs, Louisiana	09/20/04	0.400	ppm	4	2462.5	59.9	Bowfin	ST LANDRY
010301	0759	Two O'Clock Bayou, West of Krotz Springs, Louisiana	09/20/04	0.310	ppm	3	2025.0	55.4	Bowfin	ST LANDRY
010301	0759	Two O'Clock Bayou, West of Krotz Springs, Louisiana	09/20/04	0.310	ppm	4	1532.5	50.4	Bowfin	ST LANDRY
010301	0759	Two O'Clock Bayou, West of Krotz Springs, Louisiana	09/20/04	0.100	ppm	3	351.7	29.7	Freshwater Drum	ST LANDRY
010301	0759	Two O'Clock Bayou, West of Krotz Springs, Louisiana	09/20/04	0.320	ppm	7	705.0	35.2	Largemouth Bass	ST LANDRY
010301	0759	Two O'Clock Bayou, West of Krotz Springs, Louisiana	09/20/04	0.270	ppm	9	420.6	30.1	Largemouth Bass	ST LANDRY
010301	0759	Two O'Clock Bayou, West of Krotz Springs, Louisiana	09/20/04	0.420	ppm	9	420.6	30.1	Largemouth Bass	ST LANDRY
010301	0759	Two O'Clock Bayou, West of Krotz Springs, Louisiana	09/20/04	1.060	ppm	1	1565.0	44	Largemouth Bass	ST LANDRY
010301	0759	Two O'Clock Bayou, West of Krotz Springs, Louisiana	09/20/04	0.700	ppm	3	1078.3	40.1	Largemouth Bass	ST LANDRY
010301	0759	Two O'Clock Bayou, West of Krotz Springs, Louisiana	09/20/04	0.210	ppm	6	558.3	32.6	White Crappie	ST LANDRY
010301	0759	Two O'Clock Bayou, West of Krotz Springs, Louisiana	09/20/04	0.140	ppm	6	432.5	30.4	White Crappie	ST LANDRY
010301	0759	Two O'Clock Bayou, West of Krotz Springs, Louisiana	09/20/04	0.160	ppm	3	298.3	27.3	White Crappie	ST LANDRY
010301	1033	Bayou Petite Prairie, Louisiana	09/20/00	0.280	ppm	1	3090.2	63	Blue Catfish	ST LANDRY
010301	1033	Bayou Petite Prairie, Louisiana	09/20/00	1.090	ppm	1	907.2	46.3	Bowfin	ST LANDRY
010301	1033	Bayou Petite Prairie, Louisiana	09/20/00	0.080	ppm	2	765.5	43	Channel Catfish	ST LANDRY
010301	1033	Bayou Petite Prairie, Louisiana	09/20/00	0.550	ppm	2	949.7	40.5	Freshwater Drum	ST LANDRY
010301	1033	Bayou Petite Prairie, Louisiana	09/20/00	0.510	ppm	1	2324.7	53.1	Freshwater Drum	ST LANDRY
010301	1033	Bayou Petite Prairie, Louisiana	09/20/00	0.480	ppm	2	1332.5	47	Freshwater Drum	ST LANDRY
010301	1033	Bayou Petite Prairie, Louisiana	09/20/00	0.190	ppm	5	283.5	27.7	Largemouth Bass	ST LANDRY
010301	1033	Bayou Petite Prairie, Louisiana	09/20/00	0.430	ppm	2	836.3	38.6	Largemouth Bass	ST LANDRY
010301	1033	Bayou Petite Prairie, Louisiana	09/20/00	0.380	ppm	1	1049.0	40.5	Largemouth Bass	ST LANDRY
010301	1033	Bayou Petite Prairie, Louisiana	09/20/00	0.370	ppm	3	708.8	36.5	Largemouth Bass	ST LANDRY
010301	1033	Bayou Petite Prairie, Louisiana	09/20/00	0.260	ppm	3	396.9	30.8	Largemouth Bass	ST LANDRY
010301	1033	Bayou Petite Prairie, Louisiana	09/20/00	0.130	ppm	7	340.2	27.9	White Crappie	ST LANDRY
010301	1033	Bayou Petite Prairie, Louisiana	09/20/00	0.160	ppm	7	473.9	31.4	White Crappie	ST LANDRY
010301	1033	Bayou Petite Prairie, Louisiana	09/20/04	0.220	ppm	3	325.0	26.8	Black Crappie	ST LANDRY
010301	1033	Bayou Petite Prairie, Louisiana	09/20/04	0.360	ppm	3	251.7	24.8	Black Crappie	ST LANDRY
010301	1033	Bayou Petite Prairie, Louisiana	09/20/04	0.320	ppm	5	216.0	23.4	Black Crappie	ST LANDRY
010301	1033	Bayou Petite Prairie, Louisiana	09/20/04	0.430	ppm	1	1735.0	54.3	Bowfin	ST LANDRY
010301	1033	Bayou Petite Prairie, Louisiana	09/20/04	0.330	ppm	2	1485.0	50.8	Freshwater Drum	ST LANDRY
010301	1033	Bayou Petite Prairie, Louisiana	09/20/04	0.310	ppm	2	1220.0	43.8	Freshwater Drum	ST LANDRY
010301	1033	Bayou Petite Prairie, Louisiana	09/20/04	0.490	ppm	3	981.7	39.7	Freshwater Drum	ST LANDRY
010301	1033	Bayou Petite Prairie, Louisiana	09/20/04	0.260	ppm	3	571.7	35.2	Freshwater Drum	ST LANDRY
010301	1033	Bayou Petite Prairie, Louisiana	09/20/04	0.840	ppm	1	1510.0	43.2	Largemouth Bass	ST LANDRY

SUBSEGMENT	SITE NO.	SITE NAME	DATE	MERCURY	UNITS	NUMBER OF FISH	AVG FISH WEIGHT (g)	AVG FISH LENGTH (cm)	FISH SPECIES	PARISH
010301	1033	Bayou Petite Prairie, Louisiana	09/20/04	0.510	ppm	2	1035.0	39.5	Largemouth Bass	ST LANDRY
010301	1033	Bayou Petite Prairie, Louisiana	09/20/04	0.380	ppm	3	665.0	34.9	Largemouth Bass	ST LANDRY
010301	1033	Bayou Petite Prairie, Louisiana	09/20/04	0.420	ppm	7	414.3	30.3	Largemouth Bass	ST LANDRY
010301	1033	Bayou Petite Prairie, Louisiana	09/20/04	0.500	ppm	7	414.3	30.3	Largemouth Bass	ST LANDRY
010301	1033	Bayou Petite Prairie, Louisiana	09/20/04	0.700	ppm	4	732.5	36.8	White Bass	ST LANDRY
010301	1033	Bayou Petite Prairie, Louisiana	09/20/04	0.780	ppm	4	600.0	35.2	White Bass	ST LANDRY
010301	1033	Bayou Petite Prairie, Louisiana	09/20/04	0.230	ppm	9	320.0	27.8	White Crappie	ST LANDRY
010301	1033	Bayou Petite Prairie, Louisiana	09/20/04	0.270	ppm	9	234.4	25.4	White Crappie	ST LANDRY
010301	1033	Bayou Petite Prairie, Louisiana	09/20/04	0.360	ppm	4	673.8	34.7	White Crappie	ST LANDRY
010301	1033	Bayou Petite Prairie, Louisiana	09/20/04	0.290	ppm	7	403.6	29.8	White Crappie	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	10/15/03	0.450	ppm	4	227.5	25.2	Black Crappie	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	10/15/03	2.230	ppm	1	3390.0	65.5	Bowfin	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	10/15/03	0.440	ppm	1	1675.0	54.5	Bowfin	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	10/15/03	0.600	ppm	1	12825.0	99.7	Flathead Catfish	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	10/15/03	0.400	ppm	1	4800.0	72.2	Flathead Catfish	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	10/15/03	0.450	ppm	1	4800.0	72.2	Flathead Catfish	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	10/15/03	0.540	ppm	1	3305.0	57	Freshwater Drum	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	10/15/03	0.670	ppm	2	2175.0	52.5	Freshwater Drum	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	10/15/03	0.270	ppm	4	363.8	30.3	Freshwater Drum	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	10/15/03	0.570	ppm	5	408.0	30.3	Largemouth Bass	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	10/15/03	0.670	ppm	2	590.0	34.6	Largemouth Bass	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	10/15/03	0.760	ppm	2	1575.0	44	Largemouth Bass	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	10/15/03	0.430	ppm	1	470.0	32.5	White Bass	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	10/15/03	0.240	ppm	5	448.0	29.8	White Crappie	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	10/15/03	0.640	ppm	8	591.9	32.4	White Crappie	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	10/15/03	0.210	ppm	8	335.0	27.5	White Crappie	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	12/15/03	0.340	ppm	1	4535.0	65.2	Bigmouth Buffalo	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	12/15/03	0.290	ppm	1	1800.0	47.5	Bigmouth Buffalo	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	12/15/03	0.310	ppm	2	260.0	25.1	Black Crappie	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	12/15/03	0.170	ppm	1	2065.0	57	Blue Catfish	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	12/15/03	0.510	ppm	1	2355.0	60	Bowfin	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	12/15/03	0.310	ppm	2	1307.5	50.5	Bowfin	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	12/15/03	0.320	ppm	2	1307.5	50.5	Bowfin	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	12/15/03	0.240	ppm	1	1080.0	47.8	Bowfin	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	12/15/03	0.600	ppm	1	1150.0	43	Freshwater Drum	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	12/15/03	0.470	ppm	3	233.3	25.5	Largemouth Bass	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	12/15/03	0.300	ppm	2	820.0	34.5	White Crappie	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	12/15/03	0.130	ppm	7	466.4	30.1	White Crappie	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	12/15/03	0.190	ppm	6	361.7	28	White Crappie	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	05/16/05	0.360	ppm	5	171.0	23.1	Black Crappie	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	05/16/05	0.180	ppm	1	1510.0	51	Blue Catfish	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	05/16/05	0.060	ppm	1	1005.0	45.3	Bowfin	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	05/16/05	0.040	ppm	1	640.0	39.5	Bowfin	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	05/16/05	0.280	ppm	1	1690.0	55.5	Bowfin	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	05/16/05	0.310	ppm	2	1152.5	48.3	Bowfin	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	05/16/05	0.380	ppm	1	5685.0	75.3	Flathead Catfish	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	05/16/05	0.360	ppm	1	5685.0	75.3	Flathead Catfish	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	05/16/05	0.330	ppm	1	4540.0	67.4	Flathead Catfish	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	05/16/05	0.460	ppm	1	2790.0	52.4	Freshwater Drum	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	05/16/05	0.600	ppm	2	732.5	38.4	Freshwater Drum	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	05/16/05	0.280	ppm	3	601.7	34.7	Freshwater Drum	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	05/16/05	0.450	ppm	3	513.3	32.1	Freshwater Drum	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	05/16/05	0.670	ppm	2	357.5	29.7	Largemouth Bass	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	05/16/05	0.470	ppm	2	587.5	34.9	Largemouth Bass	ST LANDRY

Table D.1. LDEQ Fish Tissue Mercury Data.

SUBSEGMENT	SITE NO.	SITE NAME	DATE	MERCURY	UNITS	NUMBER OF FISH	AVG FISH WEIGHT (g)	AVG FISH LENGTH (cm)	FISH SPECIES	PARISH
010301	2335	Bayou Rouge near Palmetto, Louisiana	05/16/05	0.690	ppm	1	1485.0	44.8	Largemouth Bass	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	05/16/05	0.600	ppm	2	1005.0	40.2	Largemouth Bass	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	05/16/05	0.620	ppm	1	780.0	39.3	White Bass	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	05/16/05	0.520	ppm	3	555.0	36	White Bass	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	05/16/05	0.250	ppm	4	295.0	28.5	White Crappie	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	05/16/05	0.240	ppm	6	454.2	31.5	White Crappie	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	05/16/05	0.310	ppm	7	391.4	30.2	White Crappie	ST LANDRY
010301	2335	Bayou Rouge near Palmetto, Louisiana	05/16/05	0.270	ppm	6	226.7	25.7	White Crappie	ST LANDRY
010301	0436	Lake Henderson east of Henderson, Louisiana	07/06/94	0.190	ppm	3	2419.2		Bigmouth Buffalo	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	07/06/94	0.550	ppm	3	3789.4		Bigmouth Buffalo	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	07/06/94	0.400	ppm	3	5150.3		Bigmouth Buffalo	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	07/06/94	0.210	ppm	2	2097.9		Bowfin	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	07/06/94	0.530	ppm	7	761.4		Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	07/06/94	0.450	ppm	6	926.1		Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	07/06/94	0.790	ppm	4	1289.9		Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	07/06/94	1.080	ppm	2	1984.5		Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	07/06/94	0.290	ppm	9	176.4		Warmouth	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	07/06/94	0.520	ppm	5	158.8		White Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	07/06/94	0.640	ppm	7	396.9		White Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	06/01/95	0.250	ppm	3	3477.6	53.3	Bigmouth Buffalo	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	06/01/95	< 0.001	ppm	7	121.5	18	Bluegill Sunfish	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	06/01/95	0.840	ppm	1	2012.9	47.3	Freshwater Drum	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	06/01/95	0.330	ppm	6	822.2	37.4	Freshwater Drum	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	06/01/95	1.100	ppm	2	1630.1	48.3	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	06/01/95	0.950	ppm	3	1455.2	44.9	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	06/01/95	0.460	ppm	5	992.2	39.3	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	06/01/95	0.400	ppm	5	771.1	36.6	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	06/01/95	0.270	ppm	8	138.2	19.6	Redear Sunfish	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	06/01/95	< 0.001	ppm	1	2920.0	53.1	Smallmouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	06/01/95	0.240	ppm	3	1776.6	45.5	Smallmouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	06/01/95	0.550	ppm	2	241.0	24.7	White Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	11/21/95	0.980	ppm	4	708.8	35.7	Black Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	11/21/95	0.730	ppm	7	510.3	32.5	Black Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	11/21/95	0.540	ppm	1	2268.0	53.5	Freshwater Drum	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	11/21/95	0.580	ppm	1	623.7	37.6	Freshwater Drum	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	11/21/95	0.990	ppm	2	1630.1	46.2	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	11/21/95	0.910	ppm	6	1409.0	45.9	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	11/21/95	0.740	ppm	7	704.7	38.2	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	11/21/95	0.640	ppm	6	576.4	35.1	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	11/21/95	0.130	ppm	7	352.3	29.3	White Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/25/96	0.570	ppm	1	453.6	34.6	Black Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/25/96	0.620	ppm	6	118.1	22.1	Black Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/25/96	0.410	ppm	7	161.6	18.7	Bluegill Sunfish	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/25/96	0.320	ppm	1	1332.5	51.5	Bowfin	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/25/96	0.260	ppm	3	472.5	37.2	Channel Catfish	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/25/96	0.260	ppm	3	945.0	41.1	Freshwater Drum	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/25/96	0.410	ppm	5	533.0	33.8	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/25/96	0.520	ppm	5	470.6	32.2	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/25/96	1.210	ppm	1	1956.2	53.6	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/25/96	0.710	ppm	1	1332.5	45.9	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/25/96	0.630	ppm	6	1049.0	42.8	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/25/96	0.510	ppm	5	805.1	37.7	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/25/96	0.460	ppm	4	666.2	35.9	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/25/96	0.230	ppm	7	157.9	20.7	Redear Sunfish	ST MARTIN

Table D.1. LDEQ Fish Tissue Mercury Data.

SUBSEGMENT	SITE NO.	SITE NAME	DATE	MERCURY	UNITS	NUMBER OF FISH	AVG FISH WEIGHT (g)	AVG FISH LENGTH (cm)	FISH SPECIES	PARISH
010301	0436	Lake Henderson east of Henderson, Louisiana	04/25/96	0.760	ppm	1	538.7	36.7	White Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/10/97	0.600	ppm	1	2806.7	65.5	Bowfin	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/10/97	0.420	ppm	1	4195.8	65	Bowfin	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/10/97	0.820	ppm	4	2409.8	60.9	Bowfin	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/10/97	0.450	ppm	1	3543.8	68.5	Bowfin	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/10/97	0.570	ppm	2	1757.7	46.3	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/10/97	0.510	ppm	3	1247.4	42.7	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/10/97	0.520	ppm	6	978.1	38.8	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/10/97	0.420	ppm	5	708.8	34.6	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/10/97	0.220	ppm	4	382.7	30.8	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	10/29/97	0.400	ppm	3	1379.7	43	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	10/29/97	0.460	ppm	7	927.4	38.7	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	10/29/97	0.280	ppm	6	642.6	35.1	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	10/29/97	0.210	ppm	7	461.7	31.2	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/20/98	0.410	ppm	2	2367.2	63.4	Bowfin	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/20/98	0.260	ppm	1	1701.0	45	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/20/98	0.190	ppm	3	1181.2	40.6	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/20/98	0.290	ppm	2	779.6	37.4	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/20/98	0.080	ppm	3	661.5	35.1	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/20/98	0.140	ppm	4	510.3	34.2	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/20/98	0.110	ppm	5	402.6	29.8	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/20/98	0.160	ppm	5	238.1	20.7	Warmouth	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/06/98	0.310	ppm	1	1474.2	53.5	Bowfin	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/06/98	0.450	ppm	2	1885.3	46.7	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/06/98	0.490	ppm	5	1173.7	42.1	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/06/98	0.330	ppm	5	1020.6	39.6	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/06/98	0.340	ppm	4	822.2	37.6	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/06/98	0.240	ppm	4	645.0	34.5	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/06/98	0.260	ppm	4	574.1	33.1	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/06/98	0.220	ppm	4	425.3	30.4	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/06/98	0.230	ppm	5	362.9	28.5	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/06/98	0.150	ppm	2	836.3	36	Spotted Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/06/98	0.160	ppm	7	230.8	20	Warmouth	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	07/06/98	0.350	ppm	1	425.3	28.9	Black Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	07/06/98	0.200	ppm	2	255.2	24.6	Black Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	07/06/98	0.250	ppm	1	1247.4	40.3	Freshwater Drum	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	07/06/98	0.280	ppm	2	637.9	34.5	Freshwater Drum	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	07/06/98	0.220	ppm	2	311.9	28.1	Freshwater Drum	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	07/06/98	0.520	ppm	2	1743.5	48.6	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	07/06/98	0.500	ppm	5	1179.4	41.8	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	07/06/98	0.370	ppm	6	888.3	38.1	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	07/06/98	0.350	ppm	8	467.8	31.1	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	10/15/98	0.610	ppm	2	737.1	33.5	Black Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	10/15/98	0.300	ppm	3	623.7	32	Black Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	10/15/98	0.190	ppm	3	472.5	30.6	Black Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	10/15/98	0.330	ppm	3	406.3	28.7	Black Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	10/15/98	0.530	ppm	3	1162.4	42.2	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	10/15/98	0.570	ppm	3	1000.8	40.3	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	10/15/98	0.730	ppm	4	844.8	37.7	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	10/15/98	0.370	ppm	5	680.4	35.8	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	10/15/98	0.270	ppm	7	514.3	32.6	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	10/15/98	0.310	ppm	6	382.5	30.4	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	10/15/98	0.390	ppm	3	689.0	34.8	White Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	10/15/98	0.340	ppm	4	538.7	32.5	White Crappie	ST MARTIN

Table D.1. LDEQ Fish Tissue Mercury Data.

SUBSEGMENT	SITE NO.	SITE NAME	DATE	MERCURY	UNITS	NUMBER OF FISH	AVG FISH WEIGHT (g)	AVG FISH LENGTH (cm)	FISH SPECIES	PARISH
010301	0436	Lake Henderson east of Henderson, Louisiana	10/15/98	0.260	ppm	4	390.0	29.3	White Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/12/99	0.110	ppm	4	623.7	32.1	Black Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/12/99	0.170	ppm	4	545.7	31.1	Black Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/12/99	0.130	ppm	7	380.7	27.4	Black Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/12/99	0.190	ppm	1	4196.0	71	Bowfin	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/12/99	0.280	ppm	1	2438.1	60.8	Bowfin	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/12/99	0.220	ppm	2	1998.7	56.4	Bowfin	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/12/99	0.380	ppm	3	1531.0	45	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/12/99	0.400	ppm	3	1125.0	40.3	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/12/99	0.260	ppm	2	907.2	38.1	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/12/99	0.200	ppm	7	627.7	34.3	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/12/99	0.240	ppm	2	609.5	33.2	Black Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/12/99	0.250	ppm	2	439.4	29.8	Black Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/12/99	0.220	ppm	1	2097.9	57.5	Bowfin	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/12/99	0.050	ppm	1	963.9	41.7	Channel Catfish	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/12/99	0.240	ppm	1	1247.4	41	Freshwater Drum	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/12/99	0.540	ppm	2	1020.6	39	Freshwater Drum	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/12/99	0.230	ppm	4	460.7	30.8	Freshwater Drum	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/12/99	0.730	ppm	2	1460.0	42.8	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/12/99	0.620	ppm	3	1190.7	40.8	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/12/99	0.620	ppm	3	992.3	38.6	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/12/99	0.480	ppm	5	691.7	35.3	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/12/99	0.450	ppm	7	623.7	33.4	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/12/99	0.390	ppm	7	441.4	30.6	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	07/06/99	0.730	ppm	2	1304.1	44.5	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	07/06/99	0.510	ppm	3	945.0	39.6	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	07/06/99	0.580	ppm	4	637.9	34.9	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	07/06/99	0.600	ppm	5	413.9	29.8	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	10/05/99	0.480	ppm	6	510.3	30.9	Black Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	10/05/99	0.590	ppm	1	1956.2	49.5	Freshwater Drum	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	10/05/99	0.500	ppm	3	642.6	36.2	Freshwater Drum	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	10/05/99	1.110	ppm	1	1644.3	47.5	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	10/05/99	1.240	ppm	3	1436.4	45.2	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	10/05/99	1.030	ppm	3	1105.7	42.5	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	10/05/99	0.710	ppm	4	978.1	39.1	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	10/05/99	0.710	ppm	5	652.1	36.2	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	10/05/99	0.650	ppm	6	500.8	33.1	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	10/05/99	0.660	ppm	9	396.9	30.8	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	10/05/99	0.580	ppm	2	623.7	33	White Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	10/05/99	0.170	ppm	6	340.2	27.8	White Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/04/00	0.460	ppm	3	567.0	31.6	Black Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/04/00	0.350	ppm	3	396.9	28	Black Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/04/00	0.640	ppm	1	1701.0	55.5	Bowfin	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/04/00	0.840	ppm	1	1644.3	47.7	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/04/00	0.860	ppm	3	1464.8	44.4	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/04/00	0.790	ppm	2	1049.0	40.3	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/04/00	0.500	ppm	7	664.2	35.3	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/04/00	0.570	ppm	9	428.4	31	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/04/00	0.600	ppm	3	661.5	34	White Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/04/00	0.170	ppm	7	502.2	30.7	White Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/04/00	0.110	ppm	9	356.0	27.9	White Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/05/00	0.330	ppm	1	1757.7	55.2	Bowfin	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/05/00	0.950	ppm	3	1181.3	43.2	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/05/00	0.830	ppm	3	916.7	40.3	Largemouth Bass	ST MARTIN

Table D.1. LDEQ Fish Tissue Mercury Data.

SUBSEGMENT	SITE NO.	SITE NAME	DATE	MERCURY	UNITS	NUMBER OF FISH	AVG FISH WEIGHT (g)	AVG FISH LENGTH (cm)	FISH SPECIES	PARISH
010301	0436	Lake Henderson east of Henderson, Louisiana	04/05/00	0.750	ppm	4	722.9	38	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/05/00	0.670	ppm	6	647.3	35.9	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/05/00	0.660	ppm	5	493.3	33.1	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/05/00	0.530	ppm	7	401.0	30.8	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/05/00	0.690	ppm	2	652.1	35.8	White Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/05/00	0.250	ppm	6	354.4	28.9	White Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/05/00	0.140	ppm	7	230.9	26	White Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	07/06/00	0.310	ppm	4	396.9	28.6	Black Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	07/06/00	0.150	ppm	5	243.8	24.4	Black Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	07/06/00	0.460	ppm	2	1658.5	47.6	Freshwater Drum	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	07/06/00	0.470	ppm	1	963.9	40	Freshwater Drum	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	07/06/00	0.930	ppm	2	4131.7	46.3	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	07/06/00	0.740	ppm	3	1190.7	41.2	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	07/06/00	0.700	ppm	2	921.4	40.1	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	07/06/00	0.610	ppm	4	758.4	37.1	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	07/06/00	0.580	ppm	4	595.4	35.3	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	07/06/00	0.420	ppm	8	446.5	30.8	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	10/05/00	0.480	ppm	5	527.3	31.4	Black Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	10/05/00	0.300	ppm	7	413.1	28.9	Black Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	10/05/00	0.190	ppm	7	267.3	25.4	Black Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	10/05/00	0.160	ppm	2	3217.7	64	Blue Catfish	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	10/05/00	0.430	ppm	1	5641.7	74.3	Flathead Catfish	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	10/05/00	0.330	ppm	2	907.2	39.5	Freshwater Drum	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	10/05/00	0.760	ppm	2	1630.1	45.8	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	10/05/00	1.040	ppm	3	1162.4	43.2	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	10/05/00	0.810	ppm	2	850.5	38.7	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	10/05/00	0.660	ppm	7	607.5	35.8	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	10/05/00	0.620	ppm	7	494.1	33.5	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	10/05/00	0.480	ppm	7	405.0	31.2	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/09/01	0.270	ppm	5	499.0	30.9	Black Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/09/01	0.200	ppm	6	387.5	28.1	Black Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/09/01	0.090	ppm	4	290.6	25.7	Black Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/09/01	0.810	ppm	2	1885.3	58.5	Bowfin	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/09/01	0.850	ppm	1	878.9	40.5	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/09/01	0.620	ppm	3	784.4	38.2	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/09/01	0.580	ppm	2	708.8	35.2	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/09/01	0.580	ppm	5	476.3	32.8	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/09/01	0.230	ppm	6	392.2	30.6	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/09/01	0.140	ppm	2	581.2	32.1	White Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/03/01	0.610	ppm	2	1899.5	59.3	Bowfin	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/03/01	0.300	ppm	1	1502.6	56.6	Bowfin	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/03/01	0.370	ppm	2	1573.4	53.9	Bowfin	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/03/01	0.140	ppm	1	1842.8	48.3	Freshwater Drum	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/03/01	0.170	ppm	2	737.1	36	Freshwater Drum	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/03/01	0.120	ppm	3	444.2	31.4	Freshwater Drum	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/03/01	0.390	ppm	2	1091.5	41.9	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/03/01	0.370	ppm	3	954.5	39.3	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/03/01	0.420	ppm	5	635.0	35.6	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/03/01	0.280	ppm	7	392.9	30.3	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/03/01	0.100	ppm	9	409.5	25	Redear Sunfish	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	04/03/01	0.670	ppm	7	311.9	22.9	Redear Sunfish	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	07/09/01	0.570	ppm	1	595.4	31.1	Black Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	07/09/01	0.420	ppm	3	415.8	28.3	Black Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	07/09/01	0.380	ppm	1	935.6	38.1	Freshwater Drum	ST MARTIN

Table D.1. LDEQ Fish Tissue Mercury Data.

SUBSEGMENT	SITE NO.	SITE NAME	DATE	MERCURY	UNITS	NUMBER OF FISH	AVG FISH WEIGHT (g)	AVG FISH LENGTH (cm)	FISH SPECIES	PARISH
010301	0436	Lake Henderson east of Henderson, Louisiana	07/09/01	0.670	ppm	1	1474.2	45.3	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	07/09/01	0.640	ppm	2	878.9	37.6	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	07/09/01	0.530	ppm	5	663.4	34.4	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	07/09/01	0.430	ppm	5	572.7	33	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	07/09/01	0.430	ppm	4	460.7	30.4	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	07/09/01	0.330	ppm	3	491.4	31.4	White Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	07/09/01	0.260	ppm	3	311.9	27.9	White Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	11/15/01	0.430	ppm	7	465.8	30.5	Black Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	11/15/01	0.290	ppm	7	320.0	27.4	Black Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	11/15/01	0.300	ppm	6	274.1	25.6	Black Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	11/15/01	0.750	ppm	2	4819.5	74.3	Bowfin	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	11/15/01	0.090	ppm	2	1063.1	43.4	Freshwater Drum	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	11/15/01	0.330	ppm	5	725.8	37.3	Freshwater Drum	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	11/15/01	0.170	ppm	4	354.4	30.7	Freshwater Drum	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	11/15/01	0.840	ppm	5	805.1	37.6	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	11/15/01	0.490	ppm	5	635.0	34.8	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	11/15/01	0.520	ppm	5	533.0	32.9	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	11/15/01	0.500	ppm	2	425.3	30.6	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/24/02	0.550	ppm	2	5499.9	66.8	Bigmouth Buffalo	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/24/02	0.260	ppm	2	2849.2	54	Bigmouth Buffalo	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/24/02	0.310	ppm	2	496.1	31.2	Black Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/24/02	0.420	ppm	3	2400.3	61.6	Bowfin	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/24/02	0.480	ppm	3	2097.9	55.9	Bowfin	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/24/02	0.220	ppm	3	1464.8	51.9	Bowfin	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/24/02	0.330	ppm	3	2258.6	49	Bowfin	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/24/02	0.420	ppm	1	1219.1	40.4	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/24/02	0.420	ppm	5	884.5	37.8	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/24/02	0.310	ppm	5	697.4	35.6	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/24/02	0.330	ppm	4	567.0	34.1	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	01/24/02	0.270	ppm	1	850.5	15.3	White Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	06/17/02	0.910	ppm	2	4536.0	59.3	Bigmouth Buffalo	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	06/17/02	0.310	ppm	1	2268.0	47	Bigmouth Buffalo	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	06/17/02	0.370	ppm	3	330.8	26.6	Black Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	06/17/02	1.000	ppm	1	4791.2	75	Bowfin	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	06/17/02	0.340	ppm	3	727.7	36.3	Freshwater Drum	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	06/17/02	0.330	ppm	2	524.5	32.9	Freshwater Drum	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	06/17/02	0.740	ppm	2	1318.3	44.7	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	06/17/02	0.800	ppm	2	1318.3	44.7	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	06/17/02	0.750	ppm	2	1063.1	39.5	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	06/17/02	0.720	ppm	5	691.7	35.1	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	06/17/02	0.370	ppm	3	368.6	28.7	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	11/14/02	0.750	ppm	2	3487.1	56.6	Bigmouth Buffalo	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	11/14/02	0.620	ppm	1	5528.3	77.5	Bowfin	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	11/14/02	0.590	ppm	1	5528.3	77.5	Bowfin	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	11/14/02	0.750	ppm	1	2211.3	59.2	Bowfin	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	11/14/02	0.370	ppm	2	1530.9	51.9	Bowfin	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	11/14/02	0.260	ppm	1	1360.8	48.4	Bowfin	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	11/14/02	1.180	ppm	1	2296.4	52	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	11/14/02	0.450	ppm	2	354.4	29.3	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	09/08/04	0.380	ppm	3	446.7	29.4	Black Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	09/08/04	0.510	ppm	5	320.0	26.5	Black Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	09/08/04	0.500	ppm	8	258.8	24.7	Black Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	09/08/04	0.220	ppm	1	2455.0	60	Bowfin	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	09/08/04	0.230	ppm	1	1725.0	51.5	Bowfin	ST MARTIN

Table D.1. LDEQ Fish Tissue Mercury Data.

SUBSEGMENT	SITE NO.	SITE NAME	DATE	MERCURY	UNITS	NUMBER OF FISH	AVG FISH WEIGHT (g)	AVG FISH LENGTH (cm)	FISH SPECIES	PARISH
010301	0436	Lake Henderson east of Henderson, Louisiana	09/08/04	0.110	ppm	1	965.0	44	Bowfin	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	09/08/04	0.230	ppm	1	2165.0	49.4	Freshwater Drum	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	09/08/04	0.310	ppm	2	1245.0	41.9	Freshwater Drum	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	09/08/04	0.240	ppm	2	420.0	31.7	Freshwater Drum	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	09/08/04	0.840	ppm	1	2180.0	51.4	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	09/08/04	0.490	ppm	1	1805.0	36.6	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	09/08/04	0.520	ppm	2	1325.0	42.8	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	09/08/04	0.530	ppm	2	1325.0	42.8	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	09/08/04	0.470	ppm	2	1135.0	39.4	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	09/08/04	0.530	ppm	7	723.6	35.5	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	09/08/04	0.490	ppm	7	385.7	30.3	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	09/08/04	0.520	ppm	1	520.0	33.9	White Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	05/12/05	0.530	ppm	2	300.0	26.5	Black Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	05/12/05	0.410	ppm	6	184.2	22.3	Black Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	05/12/05	0.950	ppm	2	2455.0	60.3	Bowfin	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	05/12/05	0.500	ppm	2	2455.0	60.3	Bowfin	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	05/12/05	0.460	ppm	2	1225.0	43.6	Freshwater Drum	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	05/12/05	0.350	ppm	2	870.0	38.7	Freshwater Drum	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	05/12/05	0.400	ppm	6	261.7	26.2	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	05/12/05	0.550	ppm	4	631.7	35.4	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	05/12/05	0.760	ppm	2	1025.0	39	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	05/12/05	0.520	ppm	7	418.6	30.8	Largemouth Bass	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	05/12/05	0.360	ppm	4	193.8	19.6	Warmouth	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	05/12/05	0.330	ppm	4	221.3	25.3	White Crappie	ST MARTIN
010301	0436	Lake Henderson east of Henderson, Louisiana	05/12/05	0.330	ppm	3	395.0	30.2	White Crappie	ST MARTIN
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	10/10/95	0.380	ppm	3	2664.9	52.9	Bigmouth Buffalo	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	10/10/95	0.370	ppm	1	4224.2	60	Bigmouth Buffalo	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	10/10/95	1.010	ppm	3	207.9	25.3	Black Crappie	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	10/10/95	0.350	ppm	2	3203.6	67.4	Bowfin	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	10/10/95	0.510	ppm	2	2353.1	61.6	Bowfin	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	10/10/95	0.590	ppm	5	482.0	32.5	Largemouth Bass	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	10/10/95	0.220	ppm	5	629.4	34	Largemouth Bass	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	10/10/95	0.740	ppm	1	1134.0	41.1	Largemouth Bass	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	10/10/95	0.400	ppm	8	843.4	37.9	Largemouth Bass	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	10/10/95	0.200	ppm	6	623.7	35	Largemouth Bass	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	10/10/95	0.170	ppm	3	311.9	28.2	White Crappie	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	10/10/95	0.500	ppm	1	708.8	36.1	White Crappie	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	10/10/95	0.210	ppm	3	207.9	24.7	White Crappie	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	08/24/99	0.600	ppm	2	2594.0	61.5	Bowfin	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	08/24/99	1.540	ppm	1	7938.0	86.8	Flathead Catfish	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	08/24/99	0.410	ppm	1	5443.2	74.5	Flathead Catfish	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	08/24/99	0.930	ppm	1	2154.6	58.5	Flathead Catfish	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	08/24/99	0.470	ppm	2	779.6	38.1	Freshwater Drum	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	08/24/99	1.270	ppm	1	1445.9	45.7	Largemouth Bass	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	08/24/99	0.390	ppm	2	935.6	39.5	Largemouth Bass	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	08/24/99	0.380	ppm	6	557.5	33.3	Largemouth Bass	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	08/24/99	0.350	ppm	7	429.3	30.8	Largemouth Bass	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	08/24/99	0.250	ppm	1	368.6	28.2	White Crappie	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	08/24/99	0.240	ppm	4	297.7	26.1	White Crappie	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	07/25/00	0.650	ppm	3	2372.0	51.4	Bigmouth Buffalo	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	07/25/00	0.470	ppm	5	277.8	26	Black Crappie	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	07/25/00	0.330	ppm	4	191.4	23.3	Black Crappie	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	07/25/00	0.950	ppm	2	1488.4	55.8	Bowfin	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	07/25/00	0.960	ppm	2	1148.2	51	Bowfin	POINTE COUPE

Table D.1. LDEQ Fish Tissue Mercury Data.

SUBSEGMENT	SITE NO.	SITE NAME	DATE	MERCURY	UNITS	NUMBER OF FISH	AVG FISH WEIGHT (g)	AVG FISH LENGTH (cm)	FISH SPECIES	PARISH
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	07/25/00	0.820	ppm	2	9383.9	91	Flathead Catfish	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	07/25/00	1.110	ppm	1	4564.4	73	Flathead Catfish	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	07/25/00	0.670	ppm	3	2116.8	58	Flathead Catfish	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	07/25/00	0.560	ppm	1	3855.6	61	Freshwater Drum	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	07/25/00	0.400	ppm	6	463.1	31.7	Largemouth Bass	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	07/25/00	0.500	ppm	3	689.9	35	Largemouth Bass	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	07/25/00	0.370	ppm	3	548.1	33.6	Largemouth Bass	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	07/25/00	0.270	ppm	6	500.9	31.8	White Crappie	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	07/25/00	0.140	ppm	6	259.9	26.2	White Crappie	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	07/25/00	0.190	ppm	3	160.7	22.9	White Crappie	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	02/25/02	0.610	ppm	2	4110.8	61.4	Bigmouth Buffalo	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	02/25/02	0.860	ppm	3	3392.6	58.4	Bigmouth Buffalo	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	02/25/02	0.420	ppm	3	1918.4	47.8	Bigmouth Buffalo	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	02/25/02	1.540	ppm	1	8164.8	87	Flathead Catfish	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	02/25/02	1.130	ppm	1	3061.8	65.3	Flathead Catfish	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	02/25/02	0.420	ppm	3	907.2	39.8	Largemouth Bass	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	02/25/02	0.560	ppm	3	595.4	35.3	Largemouth Bass	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	02/25/02	0.480	ppm	4	354.4	30.3	Largemouth Bass	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	02/25/02	0.720	ppm	2	1587.6	45.7	Largemouth Bass	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	02/25/02	0.330	ppm	1	822.2	36.4	Spotted Bass	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	02/25/02	0.520	ppm	2	878.9	37	White Crappie	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	02/25/02	0.710	ppm	1	652.1	34.1	White Crappie	POINTE COUPE
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	02/25/02	0.190	ppm	5	323.2	27.3	White Crappie	POINTE COUPE
010401	1241	Little Alabama Bayou southeast of Krotz Springs, Louisiana	02/25/02	0.230	ppm	3	1228.5	42.9	Bigmouth Buffalo	POINTE COUPE
010401	1241	Little Alabama Bayou southeast of Krotz Springs, Louisiana	02/25/02	0.230	ppm	3	2853.9	55	Bigmouth Buffalo	POINTE COUPE
010401	1241	Little Alabama Bayou southeast of Krotz Springs, Louisiana	02/25/02	0.350	ppm	2	4833.7	65.2	Bigmouth Buffalo	POINTE COUPE
010401	1241	Little Alabama Bayou southeast of Krotz Springs, Louisiana	02/25/02	0.260	ppm	2	609.5	33.5	Black Crappie	POINTE COUPE
010401	1241	Little Alabama Bayou southeast of Krotz Springs, Louisiana	02/25/02	0.240	ppm	1	793.8	35.9	Black Crappie	POINTE COUPE
010401	1241	Little Alabama Bayou southeast of Krotz Springs, Louisiana	02/25/02	0.340	ppm	1	2126.3	53	Freshwater Drum	POINTE COUPE
010401	1241	Little Alabama Bayou southeast of Krotz Springs, Louisiana	02/25/02	0.310	ppm	5	385.6	30.9	Largemouth Bass	POINTE COUPE
010401	1241	Little Alabama Bayou southeast of Krotz Springs, Louisiana	02/25/02	0.350	ppm	4	446.5	34.5	Largemouth Bass	POINTE COUPE
010401	1241	Little Alabama Bayou southeast of Krotz Springs, Louisiana	02/25/02	0.290	ppm	7	558.9	35.2	Largemouth Bass	POINTE COUPE
010401	1241	Little Alabama Bayou southeast of Krotz Springs, Louisiana	02/25/02	0.380	ppm	4	765.5	38.4	Largemouth Bass	POINTE COUPE
010401	1241	Little Alabama Bayou southeast of Krotz Springs, Louisiana	02/25/02	0.370	ppm	3	1067.9	43.2	Largemouth Bass	POINTE COUPE
010401	1241	Little Alabama Bayou southeast of Krotz Springs, Louisiana	08/22/05	0.290	ppm	3	550.0	32.3	Black Crappie	POINTE COUPE
010401	1241	Little Alabama Bayou southeast of Krotz Springs, Louisiana	08/22/05	0.360	ppm	2	657.5	35.2	Black Crappie	POINTE COUPE
010401	1241	Little Alabama Bayou southeast of Krotz Springs, Louisiana	08/22/05	0.230	ppm	4	370.0	28.3	Black Crappie	POINTE COUPE
010401	1241	Little Alabama Bayou southeast of Krotz Springs, Louisiana	08/22/05	0.430	ppm	4	961.3	48.6	Bowfin	POINTE COUPE
010401	1241	Little Alabama Bayou southeast of Krotz Springs, Louisiana	08/22/05	0.480	ppm	1	2555.0	66.5	Bowfin	POINTE COUPE
010401	1241	Little Alabama Bayou southeast of Krotz Springs, Louisiana	08/22/05	0.550	ppm	1	2555.0	66.5	Bowfin	POINTE COUPE
010401	1241	Little Alabama Bayou southeast of Krotz Springs, Louisiana	08/22/05	0.480	ppm	2	2552.5	62.5	Bowfin	POINTE COUPE
010401	1241	Little Alabama Bayou southeast of Krotz Springs, Louisiana	08/22/05	0.480	ppm	4	1803.8	57.9	Bowfin	POINTE COUPE
010401	1241	Little Alabama Bayou southeast of Krotz Springs, Louisiana	08/22/05	0.430	ppm	5	1335.0	53.2	Bowfin	POINTE COUPE
010401	1241	Little Alabama Bayou southeast of Krotz Springs, Louisiana	08/22/05	0.290	ppm	1	1185.0	43.2	Freshwater Drum	POINTE COUPE
010401	1241	Little Alabama Bayou southeast of Krotz Springs, Louisiana	08/22/05	0.250	ppm	1	1790.0	48	Freshwater Drum	POINTE COUPE
010401	1241	Little Alabama Bayou southeast of Krotz Springs, Louisiana	08/22/05	0.410	ppm	6	330.0	30.1	Largemouth Bass	POINTE COUPE
010401	1241	Little Alabama Bayou southeast of Krotz Springs, Louisiana	08/22/05	0.600	ppm	5	601.0	35.3	Largemouth Bass	POINTE COUPE
010401	1241	Little Alabama Bayou southeast of Krotz Springs, Louisiana	08/22/05	0.610	ppm	2	715.0	40.6	Largemouth Bass	POINTE COUPE
010401	1241	Little Alabama Bayou southeast of Krotz Springs, Louisiana	08/22/05	0.870	ppm	2	1875.0	48.3	Largemouth Bass	POINTE COUPE
010401	2687	Big Alabama Bayou southwest of Lottie, Louisiana	09/04/03	0.580	ppm	1	525.0	30.3	Black Crappie	POINTE COUPE
010401	2687	Big Alabama Bayou southwest of Lottie, Louisiana	09/04/03	0.220	ppm	4	1281.3	49.8	Bowfin	POINTE COUPE
010401	2687	Big Alabama Bayou southwest of Lottie, Louisiana	09/04/03	0.330	ppm	2	2242.5	60.1	Bowfin	POINTE COUPE
010401	2687	Big Alabama Bayou southwest of Lottie, Louisiana	09/04/03	0.490	ppm	4	1822.5	55.1	Bowfin	POINTE COUPE
010401	2687	Big Alabama Bayou southwest of Lottie, Louisiana	09/04/03	0.690	ppm	1	7775.0	87	Flathead Catfish	POINTE COUPE

Table D.1. LDEQ Fish Tissue Mercury Data.

SUBSEGMENT	SITE NO.	SITE NAME	DATE	MERCURY	UNITS	NUMBER OF FISH	AVG FISH WEIGHT (g)	AVG FISH LENGTH (cm)	FISH SPECIES	PARISH
010401	2687	Big Alabama Bayou southwest of Lottie, Louisiana	09/04/03	0.960	ppm	1	7775.0	87	Flathead Catfish	POINTE COUPE
010401	2687	Big Alabama Bayou southwest of Lottie, Louisiana	09/04/03	1.020	ppm	3	3578.3	67.9	Flathead Catfish	POINTE COUPE
010401	2687	Big Alabama Bayou southwest of Lottie, Louisiana	09/04/03	0.410	ppm	2	542.5	34.6	Freshwater Drum	POINTE COUPE
010401	2687	Big Alabama Bayou southwest of Lottie, Louisiana	09/04/03	0.450	ppm	1	1355.0	43.2	Freshwater Drum	POINTE COUPE
010401	2687	Big Alabama Bayou southwest of Lottie, Louisiana	09/04/03	0.420	ppm	6	403.3	30.2	Largemouth Bass	POINTE COUPE
010401	2687	Big Alabama Bayou southwest of Lottie, Louisiana	09/04/03	0.960	ppm	3	1016.7	40.3	Largemouth Bass	POINTE COUPE
010401	2687	Big Alabama Bayou southwest of Lottie, Louisiana	09/04/03	0.950	ppm	3	1468.3	44.8	Largemouth Bass	POINTE COUPE
010401	2687	Big Alabama Bayou southwest of Lottie, Louisiana	09/04/03	0.730	ppm	3	691.7	35.9	Largemouth Bass	POINTE COUPE
010401	2687	Big Alabama Bayou southwest of Lottie, Louisiana	09/04/03	0.740	ppm	4	598.8	33.8	White Crappie	POINTE COUPE
010401	2687	Big Alabama Bayou southwest of Lottie, Louisiana	09/04/03	0.700	ppm	3	485.0	32	White Crappie	POINTE COUPE
010401	2687	Big Alabama Bayou southwest of Lottie, Louisiana	09/04/03	0.600	ppm	4	321.3	27.5	White Crappie	POINTE COUPE
010401	3130	Big Alabama Bayou northwest of Ramah, Louisiana	08/22/05	0.430	ppm	2	1422.5	50	Bowfin	ST MARTIN
010401	3130	Big Alabama Bayou northwest of Ramah, Louisiana	08/22/05	0.470	ppm	3	1563.3	53.1	Bowfin	ST MARTIN
010401	3130	Big Alabama Bayou northwest of Ramah, Louisiana	08/22/05	0.490	ppm	3	1615.0	55.7	Bowfin	ST MARTIN
010401	3130	Big Alabama Bayou northwest of Ramah, Louisiana	08/22/05	0.390	ppm	3	1615.0	55.7	Bowfin	ST MARTIN
010401	3130	Big Alabama Bayou northwest of Ramah, Louisiana	08/22/05	0.270	ppm	5	2338.0	60.8	Bowfin	ST MARTIN
010401	3130	Big Alabama Bayou northwest of Ramah, Louisiana	08/22/05	0.260	ppm	2	560.0	39.3	Channel Catfish	ST MARTIN
010401	3130	Big Alabama Bayou northwest of Ramah, Louisiana	08/22/05	0.840	ppm	1	5190.0	76.4	Flathead Catfish	ST MARTIN
010401	3130	Big Alabama Bayou northwest of Ramah, Louisiana	08/22/05	0.430	ppm	3	443.3	32.4	Freshwater Drum	ST MARTIN
010401	3130	Big Alabama Bayou northwest of Ramah, Louisiana	08/22/05	0.370	ppm	6	504.2	34.4	Freshwater Drum	ST MARTIN
010401	3130	Big Alabama Bayou northwest of Ramah, Louisiana	08/22/05	0.470	ppm	3	1166.7	42.4	Freshwater Drum	ST MARTIN
010401	3130	Big Alabama Bayou northwest of Ramah, Louisiana	08/22/05	0.470	ppm	4	387.5	29.8	Largemouth Bass	ST MARTIN
010401	3130	Big Alabama Bayou northwest of Ramah, Louisiana	08/22/05	0.490	ppm	4	646.3	34.8	Largemouth Bass	ST MARTIN
010401	3130	Big Alabama Bayou northwest of Ramah, Louisiana	08/22/05	0.590	ppm	2	902.5	39.9	Largemouth Bass	ST MARTIN
010401	3130	Big Alabama Bayou northwest of Ramah, Louisiana	08/22/05	0.710	ppm	1	1020.0	41.5	Largemouth Bass	ST MARTIN
010401	3130	Big Alabama Bayou northwest of Ramah, Louisiana	08/22/05	0.550	ppm	1	770.0	35.8	White Crappie	ST MARTIN
010501	0611	Bayou Gravenberg north of Fishers Island, Louisiana	07/17/97	0.540	ppm	3	2135.7	49	Bigmouth Buffalo	IBERIA
010501	0611	Bayou Gravenberg north of Fishers Island, Louisiana	07/17/97	0.060	ppm	7	214.6	24.4	Black Crappie	IBERIA
010501	0611	Bayou Gravenberg north of Fishers Island, Louisiana	07/17/97	0.030	ppm	2	538.7	32.3	Black Crappie	IBERIA
010501	0611	Bayou Gravenberg north of Fishers Island, Louisiana	07/17/97	0.100	ppm	2	538.7	33.4	Largemouth Bass	IBERIA
010501	0611	Bayou Gravenberg north of Fishers Island, Louisiana	07/17/97	0.190	ppm	3	935.6	39.3	Largemouth Bass	IBERIA
010501	0611	Bayou Gravenberg north of Fishers Island, Louisiana	07/17/97	0.230	ppm	5	697.4	36.1	Largemouth Bass	IBERIA
010501	0611	Bayou Gravenberg north of Fishers Island, Louisiana	07/17/97	0.140	ppm	3	368.6	24.3	Redear Sunfish	IBERIA
010501	0611	Bayou Gravenberg north of Fishers Island, Louisiana	03/12/02	0.590	ppm	3	3052.4	56	Bigmouth Buffalo	IBERIA
010501	0611	Bayou Gravenberg north of Fishers Island, Louisiana	03/12/02	0.230	ppm	4	1403.3	42.8	Bigmouth Buffalo	IBERIA
010501	0611	Bayou Gravenberg north of Fishers Island, Louisiana	03/12/02	0.260	ppm	3	1190.7	41.1	Bigmouth Buffalo	IBERIA
010501	0611	Bayou Gravenberg north of Fishers Island, Louisiana	03/12/02	0.470	ppm	1	510.3	30.3	Black Crappie	IBERIA
010501	0611	Bayou Gravenberg north of Fishers Island, Louisiana	03/12/02	0.550	ppm	1	4195.8	73.3	Bowfin	IBERIA
010501	0611	Bayou Gravenberg north of Fishers Island, Louisiana	03/12/02	0.640	ppm	1	2069.6	60.4	Bowfin	IBERIA
010501	0611	Bayou Gravenberg north of Fishers Island, Louisiana	03/12/02	0.330	ppm	3	1209.6	42.5	Freshwater Drum	IBERIA
010501	0611	Bayou Gravenberg north of Fishers Island, Louisiana	03/12/02	0.450	ppm	2	2225.5	48.6	Freshwater Drum	IBERIA
010501	0611	Bayou Gravenberg north of Fishers Island, Louisiana	03/12/02	0.310	ppm	5	918.5	39.5	Freshwater Drum	IBERIA
010501	0611	Bayou Gravenberg north of Fishers Island, Louisiana	03/12/02	0.470	ppm	1	992.3	35.5	Largemouth Bass	IBERIA
010501	0611	Bayou Gravenberg north of Fishers Island, Louisiana	03/12/02	0.400	ppm	2	878.9	37.9	Largemouth Bass	IBERIA
010501	0611	Bayou Gravenberg north of Fishers Island, Louisiana	03/12/02	0.220	ppm	1	576.0	32.3	White Crappie	IBERIA
010501	0611	Bayou Gravenberg north of Fishers Island, Louisiana	03/12/02	0.310	ppm	1	567.0	36.4	White Crappie	IBERIA
010501	0611	Bayou Gravenberg north of Fishers Island, Louisiana	11/03/04	0.140	ppm	3	1900.0	47.6	Bigmouth Buffalo	IBERIA
010501	0611	Bayou Gravenberg north of Fishers Island, Louisiana	11/03/04	0.180	ppm	1	1555.0	44.1	Bigmouth Buffalo	IBERIA
010501	0611	Bayou Gravenberg north of Fishers Island, Louisiana	11/03/04	0.180	ppm	3	1080.0	39.8	Bigmouth Buffalo	IBERIA
010501	0611	Bayou Gravenberg north of Fishers Island, Louisiana	11/03/04	0.370	ppm	1	4875.0	73.6	Bowfin	IBERIA
010501	0611	Bayou Gravenberg north of Fishers Island, Louisiana	11/03/04	0.430	ppm	3	2935.0	64.8	Bowfin	IBERIA
010501	0611	Bayou Gravenberg north of Fishers Island, Louisiana	11/03/04	0.140	ppm	3	2326.7	60.1	Bowfin	IBERIA
010501	0611	Bayou Gravenberg north of Fishers Island, Louisiana	11/03/04	0.150	ppm	5	1877.0	55.6	Bowfin	IBERIA
010501	0611	Bayou Gravenberg north of Fishers Island, Louisiana	11/03/04	0.040	ppm	3	1516.7	50.9	Bowfin	IBERIA

Table D.1. LDEQ Fish Tissue Mercury Data.

SUBSEGMENT	SITE NO.	SITE NAME	DATE	MERCURY	UNITS	NUMBER OF FISH	AVG FISH WEIGHT (g)	AVG FISH LENGTH (cm)	FISH SPECIES	PARISH
010501	0611	Bayou Gravenberg north of Fishers Island, Louisiana	11/03/04	0.250	ppm	1	1845.0	46.8	Freshwater Drum	IBERIA
010501	0611	Bayou Gravenberg north of Fishers Island, Louisiana	11/03/04	0.160	ppm	1	1845.0	46.8	Freshwater Drum	IBERIA
010501	0611	Bayou Gravenberg north of Fishers Island, Louisiana	11/03/04	0.470	ppm	1	1120.0	41.4	Largemouth Bass	IBERIA
010501	0611	Bayou Gravenberg north of Fishers Island, Louisiana	11/03/04	0.310	ppm	8	851.3	37.8	Largemouth Bass	IBERIA
010501	0611	Bayou Gravenberg north of Fishers Island, Louisiana	11/03/04	0.310	ppm	3	670.0	34.7	Largemouth Bass	IBERIA
010501	0611	Bayou Gravenberg north of Fishers Island, Louisiana	11/03/04	0.330	ppm	3	405.0	30.2	Largemouth Bass	IBERIA
010501	0613	Buffalo Cove west of Shaw Island, Louisiana	07/17/97	0.090	ppm	4	659.1	34.2	Largemouth Bass	IBERIA
010501	0613	Buffalo Cove west of Shaw Island, Louisiana	07/17/97	0.110	ppm	4	1254.5	42.2	Largemouth Bass	IBERIA
010501	0613	Buffalo Cove west of Shaw Island, Louisiana	07/17/97	0.100	ppm	5	844.8	37	Largemouth Bass	IBERIA
010501	0613	Buffalo Cove west of Shaw Island, Louisiana	03/12/02	0.230	ppm	5	1355.1	42.4	Bigmouth Buffalo	IBERIA
010501	0613	Buffalo Cove west of Shaw Island, Louisiana	03/12/02	0.340	ppm	2	3217.7	53.7	Bigmouth Buffalo	IBERIA
010501	0613	Buffalo Cove west of Shaw Island, Louisiana	03/12/02	0.500	ppm	3	2135.7	50.3	Bigmouth Buffalo	IBERIA
010501	0613	Buffalo Cove west of Shaw Island, Louisiana	03/12/02	0.250	ppm	1	4904.6	68.4	Blue Catfish	IBERIA
010501	0613	Buffalo Cove west of Shaw Island, Louisiana	03/12/02	0.400	ppm	1	1672.7	52.4	Blue Catfish	IBERIA
010501	0613	Buffalo Cove west of Shaw Island, Louisiana	03/12/02	0.340	ppm	1	2664.9	62.1	Bowfin	IBERIA
010501	0613	Buffalo Cove west of Shaw Island, Louisiana	03/12/02	0.320	ppm	3	1001.7	39.8	Freshwater Drum	IBERIA
010501	0613	Buffalo Cove west of Shaw Island, Louisiana	03/12/02	0.270	ppm	3	1285.2	43.5	Freshwater Drum	IBERIA
010501	0613	Buffalo Cove west of Shaw Island, Louisiana	03/12/02	0.300	ppm	4	822.2	37.3	Freshwater Drum	IBERIA
010501	0613	Buffalo Cove west of Shaw Island, Louisiana	03/12/02	0.230	ppm	1	708.8	34.6	Largemouth Bass	IBERIA
010501	0613	Buffalo Cove west of Shaw Island, Louisiana	03/12/02	0.660	ppm	1	907.2	39.5	Largemouth Bass	IBERIA
010501	0613	Buffalo Cove west of Shaw Island, Louisiana	03/12/02	0.170	ppm	2	326.0	27.1	White Crappie	IBERIA
010501	0912	Bayou Cowan, Louisiana	10/06/99	0.290	ppm	7	198.5	23	Black Crappie	IBERIA
010501	0912	Bayou Cowan, Louisiana	10/06/99	0.490	ppm	4	354.4	27.8	Black Crappie	IBERIA
010501	0912	Bayou Cowan, Louisiana	10/06/99	0.430	ppm	6	307.1	26	Black Crappie	IBERIA
010501	0912	Bayou Cowan, Louisiana	10/06/99	0.360	ppm	1	4252.5	70.8	Bowfin	IBERIA
010501	0912	Bayou Cowan, Louisiana	10/06/99	0.330	ppm	2	3161.0	66.2	Bowfin	IBERIA
010501	0912	Bayou Cowan, Louisiana	10/06/99	0.430	ppm	1	2608.2	61	Bowfin	IBERIA
010501	0912	Bayou Cowan, Louisiana	10/06/99	0.160	ppm	2	552.8	33.8	Freshwater Drum	IBERIA
010501	0912	Bayou Cowan, Louisiana	10/06/99	0.210	ppm	1	652.1	36	Freshwater Drum	IBERIA
010501	0912	Bayou Cowan, Louisiana	10/06/99	0.120	ppm	2	368.6	30.8	Freshwater Drum	IBERIA
010501	0912	Bayou Cowan, Louisiana	10/06/99	0.370	ppm	6	431.0	30.2	Largemouth Bass	IBERIA
010501	0912	Bayou Cowan, Louisiana	10/06/99	0.510	ppm	4	1098.6	40.8	Largemouth Bass	IBERIA
010501	0912	Bayou Cowan, Louisiana	10/06/99	0.870	ppm	1	1360.8	45	Largemouth Bass	IBERIA
010501	0912	Bayou Cowan, Louisiana	10/06/99	0.530	ppm	7	749.2	36.3	Largemouth Bass	IBERIA
010501	0912	Bayou Cowan, Louisiana	10/06/99	0.580	ppm	3	670.9	34.7	Largemouth Bass	IBERIA
010501	0912	Bayou Cowan, Louisiana	08/22/02	0.130	ppm	3	274.1	24.8	Black Crappie	IBERIA
010501	0912	Bayou Cowan, Louisiana	08/22/02	0.130	ppm	8	223.3	23.6	Black Crappie	IBERIA
010501	0912	Bayou Cowan, Louisiana	08/22/02	0.110	ppm	3	1701.0	51.9	Bowfin	IBERIA
010501	0912	Bayou Cowan, Louisiana	08/22/02	0.110	ppm	1	1502.6	50.2	Bowfin	IBERIA
010501	0912	Bayou Cowan, Louisiana	08/22/02	0.100	ppm	2	1119.8	46.2	Bowfin	IBERIA
010501	0912	Bayou Cowan, Louisiana	08/22/02	0.160	ppm	2	1573.4	42.5	Freshwater Drum	IBERIA
010501	0912	Bayou Cowan, Louisiana	08/22/02	0.190	ppm	2	1105.7	40.6	Freshwater Drum	IBERIA
010501	0912	Bayou Cowan, Louisiana	08/22/02	0.170	ppm	3	661.5	34.9	Freshwater Drum	IBERIA
010501	0912	Bayou Cowan, Louisiana	08/22/02	0.290	ppm	3	1275.8	41.3	Largemouth Bass	IBERIA
010501	0912	Bayou Cowan, Louisiana	08/22/02	0.310	ppm	3	1275.8	41.3	Largemouth Bass	IBERIA
010501	0912	Bayou Cowan, Louisiana	08/22/02	0.320	ppm	4	1020.6	37.8	Largemouth Bass	IBERIA
010501	0912	Bayou Cowan, Louisiana	08/22/02	0.220	ppm	5	635.0	32.9	Largemouth Bass	IBERIA
010501	0912	Bayou Cowan, Louisiana	08/22/02	0.130	ppm	6	368.6	28.2	Largemouth Bass	IBERIA
010501	1150	Grand Lake (East) east of New Iberia, Louisiana	09/17/01	0.210	ppm	7	291.6	25.5	Black Crappie	IBERIA
010501	1150	Grand Lake (East) east of New Iberia, Louisiana	09/17/01	0.490	ppm	3	491.4	30.8	Black Crappie	IBERIA
010501	1150	Grand Lake (East) east of New Iberia, Louisiana	09/17/01	0.330	ppm	6	406.4	28.2	Black Crappie	IBERIA
010501	1150	Grand Lake (East) east of New Iberia, Louisiana	09/17/01	0.550	ppm	2	3260.3	63.5	Bowfin	IBERIA
010501	1150	Grand Lake (East) east of New Iberia, Louisiana	09/17/01	0.070	ppm	2	1034.8	47	Channel Catfish	IBERIA
010501	1150	Grand Lake (East) east of New Iberia, Louisiana	09/17/01	0.480	ppm	1	2579.9	51.1	Freshwater Drum	IBERIA

Table D.1. LDEQ Fish Tissue Mercury Data.

SUBSEGMENT	SITE NO.	SITE NAME	DATE	MERCURY	UNITS	NUMBER OF FISH	AVG FISH WEIGHT (g)	AVG FISH LENGTH (cm)	FISH SPECIES	PARISH
010501	1150	Grand Lake (East) east of New Iberia, Louisiana	09/17/01	0.240	ppm	2	1119.8	40.1	Freshwater Drum	IBERIA
010501	1150	Grand Lake (East) east of New Iberia, Louisiana	09/17/01	0.400	ppm	5	283.5	26.6	Largemouth Bass	IBERIA
010501	1150	Grand Lake (East) east of New Iberia, Louisiana	09/17/01	0.490	ppm	1	1871.1	46.6	Largemouth Bass	IBERIA
010501	1150	Grand Lake (East) east of New Iberia, Louisiana	09/17/01	0.340	ppm	4	609.5	33.5	Largemouth Bass	IBERIA
010501	1150	Grand Lake (East) east of New Iberia, Louisiana	09/17/01	0.460	ppm	3	907.2	37.2	Largemouth Bass	IBERIA
010501	1150	Grand Lake (East) east of New Iberia, Louisiana	09/17/01	0.230	ppm	3	504.6	31.7	White Crappie	IBERIA
010501	1150	Grand Lake (East) east of New Iberia, Louisiana	09/17/01	0.280	ppm	1	595.4	34	White Crappie	IBERIA
010501	1150	Grand Lake (East) east of New Iberia, Louisiana	09/21/05	0.410	ppm	8	485.6	30.3	Black Crappie	IBERIA
010501	1150	Grand Lake (East) east of New Iberia, Louisiana	09/21/05	0.260	ppm	9	375.6	27.6	Black Crappie	IBERIA
010501	1150	Grand Lake (East) east of New Iberia, Louisiana	09/21/05	0.480	ppm	6	280.0	25.5	Black Crappie	IBERIA
010501	1150	Grand Lake (East) east of New Iberia, Louisiana	09/21/05	0.340	ppm	8	201.9	23.2	Black Crappie	IBERIA
010501	1150	Grand Lake (East) east of New Iberia, Louisiana	09/21/05	0.230	ppm	2	927.5	45.9	Bowfin	IBERIA
010501	1150	Grand Lake (East) east of New Iberia, Louisiana	09/21/05	0.300	ppm	2	2890.0	64	Bowfin	IBERIA
010501	1150	Grand Lake (East) east of New Iberia, Louisiana	09/21/05	0.300	ppm	2	2890.0	64	Bowfin	IBERIA
010501	1150	Grand Lake (East) east of New Iberia, Louisiana	09/21/05	0.230	ppm	3	2116.7	56.8	Bowfin	IBERIA
010501	1150	Grand Lake (East) east of New Iberia, Louisiana	09/21/05	0.320	ppm	5	1645.0	53.9	Bowfin	IBERIA
010501	1150	Grand Lake (East) east of New Iberia, Louisiana	09/21/05	0.220	ppm	1	2205.0	49.1	Freshwater Drum	IBERIA
010501	1150	Grand Lake (East) east of New Iberia, Louisiana	09/21/05	0.450	ppm	2	1012.5	41.3	Freshwater Drum	IBERIA
010501	1150	Grand Lake (East) east of New Iberia, Louisiana	09/21/05	0.270	ppm	2	767.5	37.3	Freshwater Drum	IBERIA
010501	1150	Grand Lake (East) east of New Iberia, Louisiana	09/21/05	0.160	ppm	3	435.0	31.9	Freshwater Drum	IBERIA
010501	1150	Grand Lake (East) east of New Iberia, Louisiana	09/21/05	0.470	ppm	7	370.0	29.4	Largemouth Bass	IBERIA
010501	1150	Grand Lake (East) east of New Iberia, Louisiana	09/21/05	0.510	ppm	3	963.3	39.2	Largemouth Bass	IBERIA
010501	1150	Grand Lake (East) east of New Iberia, Louisiana	09/21/05	0.460	ppm	5	633.0	34.5	Largemouth Bass	IBERIA
010501	1150	Grand Lake (East) east of New Iberia, Louisiana	09/21/05	0.600	ppm	2	770.0	35.5	Largemouth Bass	IBERIA
010501	1150	Grand Lake (East) east of New Iberia, Louisiana	09/21/05	0.160	ppm	3	248.3	25.4	White Crappie	IBERIA
010501	1150	Grand Lake (East) east of New Iberia, Louisiana	09/21/05	0.200	ppm	3	380.0	30.2	White Crappie	IBERIA
010501	1150	Grand Lake (East) east of New Iberia, Louisiana	09/21/05	0.200	ppm	4	311.3	27.9	White Crappie	IBERIA
010501	2878	Lake Fausse Point Cutoff across levee from Lake Fausse Point State Park, LA	08/11/04	0.560	ppm	2	487.5	30.5	Black Crappie	IBERIA
010501	2878	Lake Fausse Point Cutoff across levee from Lake Fausse Point State Park, LA	08/11/04	0.400	ppm	2	627.5	32.5	Black Crappie	IBERIA
010501	2878	Lake Fausse Point Cutoff across levee from Lake Fausse Point State Park, LA	08/11/04	0.380	ppm	2	162.5	21.8	Black Crappie	IBERIA
010501	2878	Lake Fausse Point Cutoff across levee from Lake Fausse Point State Park, LA	08/11/04	0.190	ppm	2	2230.0	50.2	Blue Catfish	IBERIA
010501	2878	Lake Fausse Point Cutoff across levee from Lake Fausse Point State Park, LA	08/11/04	0.120	ppm	2	720.0	42.7	Blue Catfish	IBERIA
010501	2878	Lake Fausse Point Cutoff across levee from Lake Fausse Point State Park, LA	08/11/04	0.090	ppm	2	557.5	39.8	Blue Catfish	IBERIA
010501	2878	Lake Fausse Point Cutoff across levee from Lake Fausse Point State Park, LA	08/11/04	0.140	ppm	1	1665.0	50.5	Flathead Catfish	IBERIA
010501	2878	Lake Fausse Point Cutoff across levee from Lake Fausse Point State Park, LA	08/11/04	0.260	ppm	2	932.5	42.6	Flathead Catfish	IBERIA
010501	2878	Lake Fausse Point Cutoff across levee from Lake Fausse Point State Park, LA	08/11/04	0.260	ppm	4	489.8	30.8	Largemouth Bass	IBERIA
010501	2878	Lake Fausse Point Cutoff across levee from Lake Fausse Point State Park, LA	08/11/04	0.680	ppm	1	1310.0	43.5	Largemouth Bass	IBERIA
010501	2878	Lake Fausse Point Cutoff across levee from Lake Fausse Point State Park, LA	08/11/04	0.740	ppm	1	1310.0	43.5	Largemouth Bass	IBERIA
010501	2878	Lake Fausse Point Cutoff across levee from Lake Fausse Point State Park, LA	08/11/04	0.450	ppm	4	1047.5	40	Largemouth Bass	IBERIA
010501	2878	Lake Fausse Point Cutoff across levee from Lake Fausse Point State Park, LA	08/11/04	0.390	ppm	4	675.0	35.1	Largemouth Bass	IBERIA
010501	2878	Lake Fausse Point Cutoff across levee from Lake Fausse Point State Park, LA	08/11/04	0.440	ppm	1	710.0	38.7	White Bass	IBERIA
010501	2897	Big Bayou Pigeon northwest of Pierre Part, Louisiana	10/18/04	0.270	ppm	7	187.1	22.9	Black Crappie	IBERIA
010501	2897	Big Bayou Pigeon northwest of Pierre Part, Louisiana	10/18/04	0.240	ppm	2	340.0	27.4	Black Crappie	IBERIA
010501	2897	Big Bayou Pigeon northwest of Pierre Part, Louisiana	10/18/04	0.550	ppm	3	386.7	29.9	Black Crappie	IBERIA
010501	2897	Big Bayou Pigeon northwest of Pierre Part, Louisiana	10/18/04	0.110	ppm	2	435.0	33.6	Freshwater Drum	IBERIA
010501	2897	Big Bayou Pigeon northwest of Pierre Part, Louisiana	10/18/04	0.170	ppm	2	617.5	36.5	Freshwater Drum	IBERIA
010501	2897	Big Bayou Pigeon northwest of Pierre Part, Louisiana	10/18/04	0.170	ppm	2	1065.0	40.6	Freshwater Drum	IBERIA
010501	2897	Big Bayou Pigeon northwest of Pierre Part, Louisiana	10/18/04	0.140	ppm	2	2382.5	49.5	Freshwater Drum	IBERIA
010501	2897	Big Bayou Pigeon northwest of Pierre Part, Louisiana	10/18/04	0.250	ppm	6	451.7	30.5	Largemouth Bass	IBERIA
010501	2897	Big Bayou Pigeon northwest of Pierre Part, Louisiana	10/18/04	0.270	ppm	5	701.0	34.7	Largemouth Bass	IBERIA
010501	2897	Big Bayou Pigeon northwest of Pierre Part, Louisiana	10/18/04	0.260	ppm	6	902.5	37	Largemouth Bass	IBERIA
010501	2897	Big Bayou Pigeon northwest of Pierre Part, Louisiana	10/18/04	0.580	ppm	2	995.0	40.9	Largemouth Bass	IBERIA
010501	2897	Big Bayou Pigeon northwest of Pierre Part, Louisiana	10/18/04	0.590	ppm	2	995.0	40.9	Largemouth Bass	IBERIA
010501	2897	Big Bayou Pigeon northwest of Pierre Part, Louisiana	10/18/04	0.170	ppm	1	410.0	29.5	Spotted Bass	IBERIA

Table D.1. LDEQ Fish Tissue Mercury Data.

SUBSEGMENT	SITE NO.	SITE NAME	DATE	MERCURY	UNITS	NUMBER OF FISH	AVG FISH WEIGHT (g)	AVG FISH LENGTH (cm)	FISH SPECIES	PARISH
010501	2897	Big Bayou Pigeon northwest of Pierre Part, Louisiana	10/18/04	0.180	ppm	1	710.0	35.2	Spotted Bass	IBERIA
010501	2897	Big Bayou Pigeon northwest of Pierre Part, Louisiana	10/18/04	0.150	ppm	3	200.0	24.6	White Crappie	IBERIA
010501	2897	Big Bayou Pigeon northwest of Pierre Part, Louisiana	10/18/04	0.280	ppm	2	335.0	28.4	White Crappie	IBERIA
010501	0981	Bayou Bristow, Work Canal, South of I-10, Louisiana	11/01/99	0.640	ppm	3	500.9	30.4	Black Crappie	IBERVILLE
010501	0981	Bayou Bristow, Work Canal, South of I-10, Louisiana	11/01/99	0.650	ppm	5	368.6	28.2	Black Crappie	IBERVILLE
010501	0981	Bayou Bristow, Work Canal, South of I-10, Louisiana	11/01/99	0.500	ppm	5	293.0	26	Black Crappie	IBERVILLE
010501	0981	Bayou Bristow, Work Canal, South of I-10, Louisiana	11/01/99	0.660	ppm	1	3515.4	66.3	Bowfin	IBERVILLE
010501	0981	Bayou Bristow, Work Canal, South of I-10, Louisiana	11/01/99	1.010	ppm	4	2183.0	59.7	Bowfin	IBERVILLE
010501	0981	Bayou Bristow, Work Canal, South of I-10, Louisiana	11/01/99	0.490	ppm	1	992.3	39.5	Freshwater Drum	IBERVILLE
010501	0981	Bayou Bristow, Work Canal, South of I-10, Louisiana	11/01/99	0.480	ppm	2	538.7	34.3	Freshwater Drum	IBERVILLE
010501	0981	Bayou Bristow, Work Canal, South of I-10, Louisiana	11/01/99	0.490	ppm	4	415.8	31.2	Freshwater Drum	IBERVILLE
010501	0981	Bayou Bristow, Work Canal, South of I-10, Louisiana	11/01/99	1.220	ppm	6	439.4	30.8	Largemouth Bass	IBERVILLE
010501	0981	Bayou Bristow, Work Canal, South of I-10, Louisiana	11/01/99	0.750	ppm	6	515.0	33.5	Largemouth Bass	IBERVILLE
010501	0981	Bayou Bristow, Work Canal, South of I-10, Louisiana	11/01/99	0.940	ppm	3	907.2	38.5	Largemouth Bass	IBERVILLE
010501	0981	Bayou Bristow, Work Canal, South of I-10, Louisiana	11/01/99	1.010	ppm	3	1171.8	41.8	Largemouth Bass	IBERVILLE
010501	0981	Bayou Bristow, Work Canal, South of I-10, Louisiana	11/01/99	1.000	ppm	5	629.4	35.5	Largemouth Bass	IBERVILLE
010501	0981	Bayou Bristow, Work Canal, South of I-10, Louisiana	11/01/99	0.600	ppm	4	633.2	33.2	White Crappie	IBERVILLE
010501	0981	Bayou Bristow, Work Canal, South of I-10, Louisiana	11/01/99	0.340	ppm	5	463.1	30.6	White Crappie	IBERVILLE
010501	0981	Bayou Bristow, Work Canal, South of I-10, Louisiana	11/01/99	0.300	ppm	6	378.0	28.9	White Crappie	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	12/15/99	0.470	ppm	8	384.8	28	Black Crappie	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	12/15/99	0.690	ppm	5	447.9	30.6	Black Crappie	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	12/15/99	0.640	ppm	1	2891.7	67.5	Bowfin	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	12/15/99	0.790	ppm	3	2381.4	60.6	Bowfin	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	12/15/99	0.410	ppm	2	1786.1	58.1	Bowfin	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	12/15/99	0.450	ppm	1	1275.8	46	Freshwater Drum	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	12/15/99	0.780	ppm	5	419.6	31	Largemouth Bass	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	12/15/99	0.640	ppm	5	839.2	36.5	Largemouth Bass	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	12/15/99	0.900	ppm	2	1148.2	41	Largemouth Bass	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	12/15/99	0.920	ppm	4	708.8	35.4	Largemouth Bass	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	12/15/99	0.900	ppm	7	554.9	33.3	Largemouth Bass	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	10/23/02	0.600	ppm	2	255.2	24.5	Black Crappie	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	10/23/02	0.590	ppm	7	186.3	22.4	Black Crappie	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	10/23/02	0.650	ppm	3	2551.5	60.8	Bowfin	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	10/23/02	0.600	ppm	3	2551.5	60.8	Bowfin	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	10/23/02	0.630	ppm	3	2060.1	57.9	Bowfin	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	10/23/02	0.340	ppm	4	1360.8	50.1	Bowfin	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	10/23/02	0.310	ppm	3	992.3	44.8	Bowfin	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	10/23/02	0.470	ppm	1	226.8	27.2	Freshwater Drum	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	10/23/02	0.600	ppm	1	1360.8	42	Largemouth Bass	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	10/23/02	0.810	ppm	2	992.3	38.1	Largemouth Bass	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	10/23/02	0.790	ppm	2	453.6	31.1	Largemouth Bass	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	01/06/04	0.570	ppm	3	408.3	29.5	Black Crappie	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	01/06/04	0.490	ppm	3	330.0	27.1	Black Crappie	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	01/06/04	0.440	ppm	7	192.1	23	Black Crappie	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	01/06/04	0.560	ppm	3	2260.0	60	Bowfin	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	01/06/04	0.410	ppm	3	2260.0	60	Bowfin	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	01/06/04	0.260	ppm	3	1713.3	54.6	Bowfin	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	01/06/04	0.210	ppm	4	1261.3	50.8	Bowfin	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	01/06/04	0.160	ppm	4	868.8	45.5	Bowfin	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	01/06/04	0.410	ppm	1	1310.0	45	Freshwater Drum	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	01/06/04	0.450	ppm	1	975.0	41.7	Freshwater Drum	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	01/06/04	0.790	ppm	2	925.0	39.7	Largemouth Bass	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	01/06/04	0.370	ppm	6	471.7	32.2	Largemouth Bass	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	01/06/04	0.610	ppm	6	375.8	29.7	Largemouth Bass	IBERVILLE

Table D.1. LDEQ Fish Tissue Mercury Data.

SUBSEGMENT	SITE NO.	SITE NAME	DATE	MERCURY	UNITS	NUMBER OF FISH	AVG FISH WEIGHT (g)	AVG FISH LENGTH (cm)	FISH SPECIES	PARISH
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	01/06/04	0.780	ppm	1	1760.0	44.9	Largemouth Bass	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	01/06/04	0.150	ppm	2	405.0	29	White Crappie	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	10/13/04	0.350	ppm	8	274.4	25.2	Black Crappie	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	10/13/04	0.440	ppm	7	197.1	22.5	Black Crappie	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	10/13/04	0.280	ppm	1	3155.0	66.1	Bowfin	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	10/13/04	0.450	ppm	4	2458.8	60.1	Bowfin	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	10/13/04	0.210	ppm	4	1813.8	55.5	Bowfin	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	10/13/04	0.180	ppm	5	1431.0	50.2	Bowfin	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	10/13/04	0.370	ppm	1	1655.0	50.3	Flathead Catfish	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	10/13/04	0.410	ppm	1	1680.0	46.1	Freshwater Drum	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	10/13/04	0.220	ppm	2	662.5	36.8	Freshwater Drum	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	10/13/04	0.170	ppm	5	346.0	30.7	Freshwater Drum	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	10/13/04	0.820	ppm	1	990.0	40.3	Largemouth Bass	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	10/13/04	0.620	ppm	5	761.0	37.1	Largemouth Bass	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	10/13/04	0.750	ppm	5	663.0	34.9	Largemouth Bass	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	10/13/04	0.680	ppm	5	663.0	34.9	Largemouth Bass	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	10/13/04	0.660	ppm	6	409.2	30.3	Largemouth Bass	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	10/13/04	0.560	ppm	3	468.3	33.7	White Bass	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	10/13/04	0.660	ppm	3	355.0	30.4	White Bass	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	10/13/04	0.280	ppm	1	775.0	36	White Crappie	IBERVILLE
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	10/13/04	0.250	ppm	3	193.3	24.2	White Crappie	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	12/15/99	0.970	ppm	2	3756.4	69.9	Bowfin	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	12/15/99	0.830	ppm	2	1757.7	57	Bowfin	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	12/15/99	0.320	ppm	3	1238.0	49.7	Bowfin	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	12/15/99	0.480	ppm	3	860.0	38.1	Freshwater Drum	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	12/15/99	0.470	ppm	1	1247.4	44	Freshwater Drum	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	12/15/99	0.390	ppm	3	463.1	32.8	Freshwater Drum	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	12/15/99	0.820	ppm	4	432.3	31	Largemouth Bass	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	12/15/99	0.630	ppm	7	550.8	33.3	Largemouth Bass	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	12/15/99	0.800	ppm	2	708.8	35.1	Largemouth Bass	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	12/15/99	0.220	ppm	4	396.9	28.1	White Crappie	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	12/15/99	0.240	ppm	5	493.3	30.3	White Crappie	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	12/15/99	0.290	ppm	3	557.6	32.4	White Crappie	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	08/07/00	0.490	ppm	2	2537.3	64.2	Bowfin	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	08/07/00	0.700	ppm	3	2097.9	60.3	Bowfin	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	08/07/00	0.750	ppm	2	1474.2	55.3	Bowfin	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	08/07/00	0.440	ppm	1	1020.6	42.1	Freshwater Drum	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	08/07/00	0.460	ppm	1	510.3	38.6	Freshwater Drum	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	08/07/00	0.310	ppm	1	396.9	32.6	Freshwater Drum	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	08/07/00	0.760	ppm	3	699.3	35.9	Largemouth Bass	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	08/07/00	0.640	ppm	5	527.3	32.9	Largemouth Bass	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	08/07/00	0.540	ppm	5	436.6	31.1	Largemouth Bass	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	08/07/00	0.310	ppm	3	368.0	28.2	Largemouth Bass	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	08/07/00	0.160	ppm	3	283.5	26.9	White Crappie	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	08/07/00	0.370	ppm	2	538.7	32.9	White Crappie	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	08/07/00	0.340	ppm	6	430.0	30.3	White Crappie	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	01/06/04	0.310	ppm	3	243.3	24.3	Black Crappie	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	01/06/04	0.320	ppm	6	167.5	22.4	Black Crappie	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	01/06/04	0.440	ppm	2	2560.0	63.8	Bowfin	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	01/06/04	0.310	ppm	2	2560.0	63.8	Bowfin	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	01/06/04	0.330	ppm	4	1867.5	56	Bowfin	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	01/06/04	0.180	ppm	5	1241.0	49.5	Bowfin	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	01/06/04	0.230	ppm	3	891.7	45.4	Bowfin	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	01/06/04	0.450	ppm	1	1260.0	44	Freshwater Drum	IBERVILLE

Table D.1. LDEQ Fish Tissue Mercury Data.

SUBSEGMENT	SITE NO.	SITE NAME	DATE	MERCURY	UNITS	NUMBER OF FISH	AVG FISH WEIGHT (g)	AVG FISH LENGTH (cm)	FISH SPECIES	PARISH
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	01/06/04	0.390	ppm	2	735.0	37.4	Freshwater Drum	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	01/06/04	0.420	ppm	2	452.5	34.5	Freshwater Drum	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	01/06/04	0.600	ppm	2	842.5	37	Largemouth Bass	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	01/06/04	0.330	ppm	4	667.5	34.7	Largemouth Bass	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	01/06/04	0.550	ppm	5	497.0	32.7	Largemouth Bass	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	01/06/04	0.520	ppm	6	406.7	29.9	Largemouth Bass	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	01/06/04	0.860	ppm	2	862.5	37.9	White Bass	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	01/06/04	0.210	ppm	3	523.3	31.3	White Crappie	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	01/06/04	0.150	ppm	4	517.5	30.1	White Crappie	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	08/08/05	0.270	ppm	2	1962.5	55.6	Bowfin	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	08/08/05	0.160	ppm	2	1600.0	54	Bowfin	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	08/08/05	0.150	ppm	5	1326.0	50.3	Bowfin	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	08/08/05	0.180	ppm	2	857.5	43.3	Bowfin	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	08/08/05	0.400	ppm	1	3350.0	66.4	Bowfin	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	08/08/05	0.440	ppm	3	2811.7	63.7	Bowfin	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	08/08/05	0.440	ppm	2	2352.5	58.8	Bowfin	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	08/08/05	0.730	ppm	1	2140.0	53.8	Flathead Catfish	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	08/08/05	0.450	ppm	1	1295.0	43.8	Freshwater Drum	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	08/08/05	0.380	ppm	2	687.5	35.8	Freshwater Drum	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	08/08/05	0.380	ppm	3	325.0	30	Freshwater Drum	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	08/08/05	1.280	ppm	3	376.7	30	Largemouth Bass	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	08/08/05	0.540	ppm	2	732.5	34.9	Largemouth Bass	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	08/08/05	0.720	ppm	4	932.5	38.1	Largemouth Bass	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	08/08/05	0.680	ppm	4	932.5	38.1	Largemouth Bass	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	08/08/05	0.490	ppm	3	394.7	30.6	White Bass	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	08/08/05	0.540	ppm	2	667.5	36	White Bass	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	08/08/05	0.350	ppm	3	460.0	30.4	White Crappie	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	08/08/05	0.640	ppm	1	550.0	32.3	White Crappie	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	08/08/05	0.230	ppm	5	248.0	25.2	White Crappie	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	06/13/07	0.421	*	3	785.0	35.2	White Crappie	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	06/13/07	0.464	*	3	901.7	36.733333	White Crappie	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	06/13/07	0.982	*	1	1630.0	47	White Crappie	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	06/13/07	0.131	*	2	380.0	29.2	White Crappie	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	06/13/07	0.250	*	3	728.3	36.633333	White Crappie	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	06/13/07	0.275	*	2	1735.0	46.15	White Crappie	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	06/13/07	0.482	*	1	2095.0	50.9	White Crappie	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	06/13/07	0.252	*	1	3870.0	60.3	White Crappie	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	06/13/07	0.079	*	1	1645.0	50.1	White Crappie	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	06/13/07	0.990	*	1	6095.0	83.2	White Crappie	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	06/13/07	0.195	*	3	1266.7	48.3	White Crappie	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	06/13/07	0.164	*	3	1485.0	49.866667	White Crappie	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	06/13/07	0.309	*	2	2172.5	55.1	White Crappie	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	06/13/07	0.272	*	2	2775.0	61.25	White Crappie	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	06/13/07	0.279	*	1	3110.0	64.6	White Crappie	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	06/13/07	0.308	*	1	3915.0	68	White Crappie	IBERVILLE
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	06/13/07	0.317	*	1	3915.0	68	White Crappie	IBERVILLE
010501	1955	Murphy Lake southwest of Bayou Sorrel, Louisiana	08/20/02	0.520	ppm	4	496.1	30.1	Black Crappie	IBERVILLE
010501	1955	Murphy Lake southwest of Bayou Sorrel, Louisiana	08/20/02	0.410	ppm	7	401.0	27.7	Black Crappie	IBERVILLE
010501	1955	Murphy Lake southwest of Bayou Sorrel, Louisiana	08/20/02	0.250	ppm	9	264.6	24.8	Black Crappie	IBERVILLE
010501	1955	Murphy Lake southwest of Bayou Sorrel, Louisiana	08/20/02	0.160	ppm	2	1275.8	46.9	Channel Catfish	IBERVILLE
010501	1955	Murphy Lake southwest of Bayou Sorrel, Louisiana	08/20/02	0.220	ppm	2	2211.3	47.3	Freshwater Drum	IBERVILLE
010501	1955	Murphy Lake southwest of Bayou Sorrel, Louisiana	08/20/02	0.180	ppm	2	722.9	36	Freshwater Drum	IBERVILLE
010501	1955	Murphy Lake southwest of Bayou Sorrel, Louisiana	08/20/02	0.120	ppm	3	378.0	31.2	Freshwater Drum	IBERVILLE
010501	1955	Murphy Lake southwest of Bayou Sorrel, Louisiana	08/20/02	0.190	ppm	4	489.0	30.6	Largemouth Bass	IBERVILLE

Table D.1. LDEQ Fish Tissue Mercury Data.

SUBSEGMENT	SITE NO.	SITE NAME	DATE	MERCURY	UNITS	NUMBER OF FISH	AVG FISH WEIGHT (g)	AVG FISH LENGTH (cm)	FISH SPECIES	PARISH
010501	1955	Murphy Lake southwest of Bayou Sorrel, Louisiana	08/20/02	0.320	ppm	3	1247.4	40	Largemouth Bass	IBERVILLE
010501	1955	Murphy Lake southwest of Bayou Sorrel, Louisiana	08/20/02	0.370	ppm	2	1559.3	42.8	Largemouth Bass	IBERVILLE
010501	1955	Murphy Lake southwest of Bayou Sorrel, Louisiana	08/20/02	0.410	ppm	3	1247.4	40	Largemouth Bass	IBERVILLE
010501	1955	Murphy Lake southwest of Bayou Sorrel, Louisiana	08/20/02	0.360	ppm	5	782.5	35	Largemouth Bass	IBERVILLE
010501	1955	Murphy Lake southwest of Bayou Sorrel, Louisiana	08/20/02	0.270	ppm	2	637.9	33	Spotted Bass	IBERVILLE
010501	1955	Murphy Lake southwest of Bayou Sorrel, Louisiana	08/20/02	0.330	ppm	4	552.8	32.8	White Crappie	IBERVILLE
010501	1955	Murphy Lake southwest of Bayou Sorrel, Louisiana	08/20/02	0.320	ppm	4	673.3	35	White Crappie	IBERVILLE
010501	1955	Murphy Lake southwest of Bayou Sorrel, Louisiana	08/20/02	0.250	ppm	3	444.2	30.6	White Crappie	IBERVILLE
010501	2074	Upper Grand River west of Grand River, Louisiana	09/16/02	0.380	ppm	2	2381.4	50.4	Bigmouth Buffalo	IBERVILLE
010501	2074	Upper Grand River west of Grand River, Louisiana	09/16/02	0.410	ppm	1	680.4	33.7	Black Crappie	IBERVILLE
010501	2074	Upper Grand River west of Grand River, Louisiana	09/16/02	0.160	ppm	4	893.0	46.7	Blue Catfish	IBERVILLE
010501	2074	Upper Grand River west of Grand River, Louisiana	09/16/02	0.160	ppm	3	1341.9	52.9	Blue Catfish	IBERVILLE
010501	2074	Upper Grand River west of Grand River, Louisiana	09/16/02	0.120	ppm	3	425.3	37.2	Blue Catfish	IBERVILLE
010501	2074	Upper Grand River west of Grand River, Louisiana	09/16/02	0.350	ppm	2	3557.9	67.1	Flathead Catfish	IBERVILLE
010501	2074	Upper Grand River west of Grand River, Louisiana	09/16/02	0.370	ppm	2	3557.9	67.1	Flathead Catfish	IBERVILLE
010501	2074	Upper Grand River west of Grand River, Louisiana	09/16/02	0.250	ppm	1	2466.5	61	Flathead Catfish	IBERVILLE
010501	2074	Upper Grand River west of Grand River, Louisiana	09/16/02	0.160	ppm	1	538.7	37	Flathead Catfish	IBERVILLE
010501	2074	Upper Grand River west of Grand River, Louisiana	09/16/02	0.200	ppm	1	1077.3	41	Freshwater Drum	IBERVILLE
010501	2074	Upper Grand River west of Grand River, Louisiana	09/16/02	0.360	ppm	7	178.2	23.3	Largemouth Bass	IBERVILLE
010501	2074	Upper Grand River west of Grand River, Louisiana	09/16/02	0.340	ppm	2	226.8	25.5	Largemouth Bass	IBERVILLE
010501	2074	Upper Grand River west of Grand River, Louisiana	09/16/02	0.530	ppm	1	368.6	29.9	Spotted Bass	IBERVILLE
010501	2850	Deer Lake south of Ramah, Louisiana	04/28/04	0.150	ppm	7	96.4	18	Black Crappie	IBERVILLE
010501	2850	Deer Lake south of Ramah, Louisiana	04/28/04	0.240	ppm	8	193.1	22.2	Black Crappie	IBERVILLE
010501	2850	Deer Lake south of Ramah, Louisiana	04/28/04	0.340	ppm	3	291.7	25.1	Black Crappie	IBERVILLE
010501	2850	Deer Lake south of Ramah, Louisiana	04/28/04	0.520	ppm	1	4250.0	71.7	Bowfin	IBERVILLE
010501	2850	Deer Lake south of Ramah, Louisiana	04/28/04	0.400	ppm	2	2517.5	60.2	Bowfin	IBERVILLE
010501	2850	Deer Lake south of Ramah, Louisiana	04/28/04	0.180	ppm	3	2130.0	56.3	Bowfin	IBERVILLE
010501	2850	Deer Lake south of Ramah, Louisiana	04/28/04	0.420	ppm	4	511.3	30.9	Largemouth Bass	IBERVILLE
010501	2850	Deer Lake south of Ramah, Louisiana	04/28/04	0.570	ppm	2	840.0	37.5	Largemouth Bass	IBERVILLE
010501	2850	Deer Lake south of Ramah, Louisiana	04/28/04	0.610	ppm	3	770.0	36.1	Largemouth Bass	IBERVILLE
010501	2850	Deer Lake south of Ramah, Louisiana	04/28/04	0.690	ppm	3	770.0	36.1	Largemouth Bass	IBERVILLE
010501	2850	Deer Lake south of Ramah, Louisiana	04/28/04	0.270	ppm	1	1745.0	70.7	Spotted Gar	IBERVILLE
010501	2850	Deer Lake south of Ramah, Louisiana	04/28/04	0.290	ppm	1	1360.0	65.8	Spotted Gar	IBERVILLE
010501	2850	Deer Lake south of Ramah, Louisiana	04/28/04	0.320	ppm	3	1156.7	60.5	Spotted Gar	IBERVILLE
010501	2850	Deer Lake south of Ramah, Louisiana	04/28/04	0.190	ppm	5	207.0	19.5	Warmouth	IBERVILLE
010501	2850	Deer Lake south of Ramah, Louisiana	04/28/04	0.003	ppm	1	925.0	37.1	Yellow Bullhead	IBERVILLE
010501	2850	Deer Lake south of Ramah, Louisiana	04/28/04	0.150	ppm	1	610.0	31.5	Yellow Bullhead	IBERVILLE
010501	2851	Cabot Lake south of Ramah, Louisiana	04/28/04	0.110	ppm	4	177.5	18.8	Bluegill Sunfish	IBERVILLE
010501	2851	Cabot Lake south of Ramah, Louisiana	04/28/04	0.490	ppm	1	3610.0	69.7	Bowfin	IBERVILLE
010501	2851	Cabot Lake south of Ramah, Louisiana	04/28/04	0.340	ppm	3	2281.7	58.9	Bowfin	IBERVILLE
010501	2851	Cabot Lake south of Ramah, Louisiana	04/28/04	0.300	ppm	3	2281.7	58.9	Bowfin	IBERVILLE
010501	2851	Cabot Lake south of Ramah, Louisiana	04/28/04	0.420	ppm	2	1822.5	54.3	Bowfin	IBERVILLE
010501	2851	Cabot Lake south of Ramah, Louisiana	04/28/04	0.180	ppm	2	1485.0	51.1	Bowfin	IBERVILLE
010501	2851	Cabot Lake south of Ramah, Louisiana	04/28/04	0.410	ppm	2	467.5	31.2	Largemouth Bass	IBERVILLE
010501	2851	Cabot Lake south of Ramah, Louisiana	04/28/04	0.490	ppm	5	678.0	34.1	Largemouth Bass	IBERVILLE
010501	2851	Cabot Lake south of Ramah, Louisiana	04/28/04	0.320	ppm	1	1375.0	71.5	Spotted Gar	IBERVILLE
010501	2851	Cabot Lake south of Ramah, Louisiana	04/28/04	0.380	ppm	3	1300.0	65.9	Spotted Gar	IBERVILLE
010501	2851	Cabot Lake south of Ramah, Louisiana	04/28/04	0.270	ppm	3	923.3	61.2	Spotted Gar	IBERVILLE
010501	2876	Bayou Maringouin (inside levee) south of Ramah, Louisiana	08/09/04	0.420	ppm	5	386.0	27.6	Black Crappie	IBERVILLE
010501	2876	Bayou Maringouin (inside levee) south of Ramah, Louisiana	08/09/04	0.540	ppm	2	537.5	32.1	Black Crappie	IBERVILLE
010501	2876	Bayou Maringouin (inside levee) south of Ramah, Louisiana	08/09/04	0.390	ppm	7	318.6	25.4	Black Crappie	IBERVILLE
010501	2876	Bayou Maringouin (inside levee) south of Ramah, Louisiana	08/09/04	0.280	ppm	3	2948.3	63.3	Bowfin	IBERVILLE
010501	2876	Bayou Maringouin (inside levee) south of Ramah, Louisiana	08/09/04	0.190	ppm	4	2535.0	57.5	Bowfin	IBERVILLE
010501	2876	Bayou Maringouin (inside levee) south of Ramah, Louisiana	08/09/04	0.210	ppm	4	2535.0	57.5	Bowfin	IBERVILLE

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SUBSEGMENT	SITE NO.	SITE NAME	DATE	MERCURY	UNITS	NUMBER OF FISH	AVG FISH WEIGHT (g)	AVG FISH LENGTH (cm)	FISH SPECIES	PARISH
010501	2876	Bayou Maringouin (inside levee) south of Ramah, Louisiana	08/09/04	0.170	ppm	3	1520.0	50.3	Bowfin	IBERVILLE
010501	2876	Bayou Maringouin (inside levee) south of Ramah, Louisiana	08/09/04	0.330	ppm	1	1670.0	51	Flathead Catfish	IBERVILLE
010501	2876	Bayou Maringouin (inside levee) south of Ramah, Louisiana	08/09/04	0.310	ppm	2	1107.5	39.3	Freshwater Drum	IBERVILLE
010501	2876	Bayou Maringouin (inside levee) south of Ramah, Louisiana	08/09/04	0.330	ppm	2	880.0	38.6	Freshwater Drum	IBERVILLE
010501	2876	Bayou Maringouin (inside levee) south of Ramah, Louisiana	08/09/04	0.220	ppm	3	523.3	33	Freshwater Drum	IBERVILLE
010501	2876	Bayou Maringouin (inside levee) south of Ramah, Louisiana	08/09/04	0.480	ppm	6	500.0	30.7	Largemouth Bass	IBERVILLE
010501	2876	Bayou Maringouin (inside levee) south of Ramah, Louisiana	08/09/04	0.580	ppm	1	1010.0	36.9	Largemouth Bass	IBERVILLE
010501	2876	Bayou Maringouin (inside levee) south of Ramah, Louisiana	08/09/04	0.640	ppm	5	811.0	35	Largemouth Bass	IBERVILLE
010501	2876	Bayou Maringouin (inside levee) south of Ramah, Louisiana	08/09/04	0.430	ppm	1	760.0	37.1	White Bass	IBERVILLE
010501	2876	Bayou Maringouin (inside levee) south of Ramah, Louisiana	08/09/04	0.380	ppm	2	492.5	31.3	White Crappie	IBERVILLE
010501	2876	Bayou Maringouin (inside levee) south of Ramah, Louisiana	08/09/04	0.440	ppm	2	352.5	28	White Crappie	IBERVILLE
010501	0441	Grand Lake northeast of Franklin, Louisiana	07/01/94	0.030	ppm	6	552.8		Bigmouth Buffalo	ST MARTIN
010501	0441	Grand Lake northeast of Franklin, Louisiana	07/01/94	0.010	ppm	6	581.2		Bigmouth Buffalo	ST MARTIN
010501	0441	Grand Lake northeast of Franklin, Louisiana	07/01/94	0.190	ppm	1	2041.2		Bigmouth Buffalo	ST MARTIN
010501	0441	Grand Lake northeast of Franklin, Louisiana	07/01/94	0.120	ppm	4	219.7		Bluegill Sunfish	ST MARTIN
010501	0441	Grand Lake northeast of Franklin, Louisiana	07/01/94	0.210	ppm	1	1474.2		Largemouth Bass	ST MARTIN
010501	0441	Grand Lake northeast of Franklin, Louisiana	07/01/94	0.100	ppm	6	463.0		Largemouth Bass	ST MARTIN
010501	0441	Grand Lake northeast of Franklin, Louisiana	07/01/94	0.090	ppm	6	609.5		Largemouth Bass	ST MARTIN
010501	0441	Grand Lake northeast of Franklin, Louisiana	07/01/94	0.060	ppm	6	259.9		Redear Sunfish	ST MARTIN
010501	0441	Grand Lake northeast of Franklin, Louisiana	07/01/94	0.180	ppm	3	359.1		White Crappie	ST MARTIN
010501	0469	Beau Bayou east of St. Martinville, Louisiana	07/07/94	0.030	ppm	6	344.9	28.8	Bigmouth Buffalo	ST MARTIN
010501	0469	Beau Bayou east of St. Martinville, Louisiana	07/07/94	0.010	ppm	7	178.2	24.1	Black Bullhead	ST MARTIN
010501	0469	Beau Bayou east of St. Martinville, Louisiana	07/07/94	0.050	ppm	4	432.3	32.1	Black Bullhead	ST MARTIN
010501	0469	Beau Bayou east of St. Martinville, Louisiana	07/07/94	0.080	ppm	3	3052.3	64.2	Bowfin	ST MARTIN
010501	0469	Beau Bayou east of St. Martinville, Louisiana	07/07/94	0.180	ppm	8	347.3	29.9	Largemouth Bass	ST MARTIN
010501	0469	Beau Bayou east of St. Martinville, Louisiana	07/07/94	0.100	ppm	8	237.4	27.4	Largemouth Bass	ST MARTIN
010501	0482	Cow Island Lake east of Butte La Rose, Louisiana.	05/25/94	0.190	ppm	1	3855.6	56.2	Bigmouth Buffalo	ST MARTIN
010501	0482	Cow Island Lake east of Butte La Rose, Louisiana.	05/25/94	0.020	ppm	3	861.8	38.8	Bigmouth Buffalo	ST MARTIN
010501	0482	Cow Island Lake east of Butte La Rose, Louisiana.	05/25/94	0.160	ppm	1	1270.1	44.5	Largemouth Bass	ST MARTIN
010501	0482	Cow Island Lake east of Butte La Rose, Louisiana.	05/25/94	0.120	ppm	7	103.7	25.8	Largemouth Bass	ST MARTIN
010501	0482	Cow Island Lake east of Butte La Rose, Louisiana.	05/25/94	0.180	ppm	3	378.0	33	Largemouth Bass	ST MARTIN
010501	0482	Cow Island Lake east of Butte La Rose, Louisiana.	05/25/94	0.010	ppm	5	131.5	17	Redear Sunfish	ST MARTIN
010501	0482	Cow Island Lake east of Butte La Rose, Louisiana.	05/25/94	0.400	ppm	3	786.0	63.4	Spotted Gar	ST MARTIN
010501	0482	Cow Island Lake east of Butte La Rose, Louisiana.	02/04/99	0.170	ppm	4	418.0	29	Black Crappie	ST MARTIN
010501	0482	Cow Island Lake east of Butte La Rose, Louisiana.	02/04/99	0.170	ppm	2	652.0	34	Black Crappie	ST MARTIN
010501	0482	Cow Island Lake east of Butte La Rose, Louisiana.	02/04/99	0.050	ppm	2	312.0	26	Black Crappie	ST MARTIN
010501	0482	Cow Island Lake east of Butte La Rose, Louisiana.	02/04/99	0.090	ppm	9	145.0	18	Bluegill Sunfish	ST MARTIN
010501	0482	Cow Island Lake east of Butte La Rose, Louisiana.	02/04/99	0.090	ppm	9	221.0	20.4	Bluegill Sunfish	ST MARTIN
010501	0482	Cow Island Lake east of Butte La Rose, Louisiana.	02/04/99	0.060	ppm	9	170.1	19	Bluegill Sunfish	ST MARTIN
010501	0482	Cow Island Lake east of Butte La Rose, Louisiana.	02/04/99	0.160	ppm	4	801.0	66	Largemouth Bass	ST MARTIN
010501	0482	Cow Island Lake east of Butte La Rose, Louisiana.	02/04/99	0.240	ppm	2	1800.0	48	Largemouth Bass	ST MARTIN
010501	0482	Cow Island Lake east of Butte La Rose, Louisiana.	02/04/99	0.220	ppm	2	1262.0	44	Largemouth Bass	ST MARTIN
010501	0482	Cow Island Lake east of Butte La Rose, Louisiana.	02/04/99	0.140	ppm	2	539.0	34	Largemouth Bass	ST MARTIN
010501	0482	Cow Island Lake east of Butte La Rose, Louisiana.	07/07/04	0.060	ppm	2	4047.5	58.6	Bigmouth Buffalo	ST MARTIN
010501	0482	Cow Island Lake east of Butte La Rose, Louisiana.	07/07/04	0.080	ppm	2	3295.0	56.3	Bigmouth Buffalo	ST MARTIN
010501	0482	Cow Island Lake east of Butte La Rose, Louisiana.	07/07/04	0.040	ppm	3	1975.0	47.4	Bigmouth Buffalo	ST MARTIN
010501	0482	Cow Island Lake east of Butte La Rose, Louisiana.	07/07/04	0.030	ppm	1	505.0	30.1	Black Crappie	ST MARTIN
010501	0482	Cow Island Lake east of Butte La Rose, Louisiana.	07/07/04	0.040	ppm	2	382.5	27.8	Black Crappie	ST MARTIN
010501	0482	Cow Island Lake east of Butte La Rose, Louisiana.	07/07/04	0.020	ppm	2	280.0	25.3	Black Crappie	ST MARTIN
010501	0482	Cow Island Lake east of Butte La Rose, Louisiana.	07/07/04	0.110	ppm	1	2695.0	62	Bowfin	ST MARTIN
010501	0482	Cow Island Lake east of Butte La Rose, Louisiana.	07/07/04	0.110	ppm	1	2695.0	62	Bowfin	ST MARTIN
010501	0482	Cow Island Lake east of Butte La Rose, Louisiana.	07/07/04	0.030	ppm	1	1780.0	53.6	Bowfin	ST MARTIN
010501	0482	Cow Island Lake east of Butte La Rose, Louisiana.	07/07/04	0.002	ppm	1	1155.0	41.3	Freshwater Drum	ST MARTIN
010501	0482	Cow Island Lake east of Butte La Rose, Louisiana.	07/07/04	0.060	ppm	1	1640.0	45	Largemouth Bass	ST MARTIN

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SUBSEGMENT	SITE NO.	SITE NAME	DATE	MERCURY	UNITS	NUMBER OF FISH	AVG FISH WEIGHT (g)	AVG FISH LENGTH (cm)	FISH SPECIES	PARISH
010501	0482	Cow Island Lake east of Butte La Rose, Louisiana.	07/07/04	0.030	ppm	2	1145.0	39.7	Largemouth Bass	ST MARTIN
010501	0482	Cow Island Lake east of Butte La Rose, Louisiana.	07/07/04	0.060	ppm	5	742.0	35.6	Largemouth Bass	ST MARTIN
010501	0482	Cow Island Lake east of Butte La Rose, Louisiana.	07/07/04	0.040	ppm	3	493.3	31.4	Largemouth Bass	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	07/07/93	0.070	ppm	3	652.1	36.7	Bigmouth Buffalo	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	07/07/93	0.350	ppm	5	527.3	31.8	Black Crappie	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	07/07/93	0.190	ppm	6	118.1	21.1	Black Crappie	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	07/07/93	0.210	ppm	7	380.5	27.6	Black Crappie	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	07/07/93	0.100	ppm	3	841.0	43.8	Channel Catfish	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	07/07/93	0.380	ppm	3	1039.5	40	Largemouth Bass	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	07/07/93	0.230	ppm	6	576.4	33.8	Largemouth Bass	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	07/07/93	0.240	ppm	8	329.6	29.3	Largemouth Bass	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	07/07/93	0.170	ppm	2	44.5	42	Smallmouth Bass	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	08/04/98	0.670	ppm	1	510.3	32.7	Black Crappie	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	08/04/98	0.340	ppm	1	453.6	29	Black Crappie	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	08/04/98	0.360	ppm	3	349.6	25.9	Black Crappie	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	08/04/98	0.140	ppm	1	1020.6	46.5	Blue Catfish	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	08/04/98	0.140	ppm	3	482.0	37.2	Blue Catfish	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	08/04/98	0.190	ppm	1	1616.0	46.8	Channel Catfish	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	08/04/98	0.190	ppm	1	4025.7	55.3	Freshwater Drum	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	08/04/98	0.340	ppm	2	2579.9	49	Freshwater Drum	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	08/04/98	0.300	ppm	2	1105.7	38.9	Freshwater Drum	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	08/04/98	0.410	ppm	2	1034.8	39.8	Largemouth Bass	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	08/04/98	0.400	ppm	3	888.3	37.5	Largemouth Bass	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	08/04/98	0.380	ppm	3	774.9	35.7	Largemouth Bass	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	08/04/98	0.230	ppm	5	459.3	29.6	Largemouth Bass	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	08/04/98	0.380	ppm	4	999.3	38.4	Spotted Bass	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	08/04/98	0.450	ppm	2	779.6	36.6	Spotted Bass	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	08/04/98	0.310	ppm	3	680.4	34.4	Spotted Bass	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	10/08/03	0.360	ppm	6	164.2	21.7	Black Crappie	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	10/08/03	0.220	ppm	2	2560.0	60.4	Bowfin	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	10/08/03	0.230	ppm	2	2560.0	60.4	Bowfin	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	10/08/03	0.500	ppm	4	1842.5	54.9	Bowfin	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	10/08/03	0.370	ppm	3	1438.3	50.3	Bowfin	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	10/08/03	0.430	ppm	3	1436.7	44.2	Freshwater Drum	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	10/08/03	0.370	ppm	3	978.3	40.3	Freshwater Drum	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	10/08/03	0.480	ppm	1	3475.0	52.8	Freshwater Drum	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	10/08/03	0.750	ppm	1	2075.0	25.6	Largemouth Bass	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	10/08/03	0.410	ppm	3	1038.3	39.8	Largemouth Bass	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	10/08/03	0.530	ppm	5	734.0	35.4	Largemouth Bass	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	10/08/03	0.350	ppm	7	433.6	29.9	Largemouth Bass	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	10/08/03	0.480	ppm	2	857.5	37.3	Spotted Bass	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	10/08/03	0.620	ppm	1	760.0	37.5	White Bass	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	08/10/05	0.480	ppm	9	277.2	25.3	Black Crappie	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	08/10/05	0.320	ppm	3	366.7	27.5	Black Crappie	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	08/10/05	0.340	ppm	9	206.1	23.2	Black Crappie	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	08/10/05	0.700	ppm	1	3635.0	70	Bowfin	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	08/10/05	0.250	ppm	3	2520.0	60.8	Bowfin	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	08/10/05	0.250	ppm	4	1822.5	55.5	Bowfin	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	08/10/05	0.200	ppm	3	1406.7	50.7	Bowfin	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	08/10/05	0.260	ppm	1	2065.0	55.2	Flathead Catfish	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	08/10/05	0.210	ppm	4	586.3	36	Freshwater Drum	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	08/10/05	0.350	ppm	2	1920.0	47.4	Freshwater Drum	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	08/10/05	0.430	ppm	2	1920.0	47.4	Freshwater Drum	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	08/10/05	0.330	ppm	2	1240.0	43.3	Freshwater Drum	ST MARTIN

Table D.1. LDEQ Fish Tissue Mercury Data.

SUBSEGMENT	SITE NO.	SITE NAME	DATE	MERCURY	UNITS	NUMBER OF FISH	AVG FISH WEIGHT (g)	AVG FISH LENGTH (cm)	FISH SPECIES	PARISH
010501	0483	Bayou Benoit east of Loreauville, Louisiana	08/10/05	0.480	ppm	5	563.0	32.8	Largemouth Bass	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	08/10/05	0.380	ppm	1	945.0	38.2	Largemouth Bass	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	08/10/05	0.820	ppm	2	1740.0	47	Largemouth Bass	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	08/10/05	0.400	ppm	5	672.0	35.4	Largemouth Bass	ST MARTIN
010501	0483	Bayou Benoit east of Loreauville, Louisiana	08/10/05	0.490	ppm	1	695.0	36.3	Spotted Bass	ST MARTIN
010501	0734	Upper Grand River near Cow Island, Louisiana	06/30/98	0.090	ppm	6	335.5	33.1	Blue Catfish	ST MARTIN
010501	0734	Upper Grand River near Cow Island, Louisiana	06/30/98	0.110	ppm	3	963.9	44.8	Blue Catfish	ST MARTIN
010501	0734	Upper Grand River near Cow Island, Louisiana	06/30/98	0.120	ppm	1	3260.3	64	Blue Catfish	ST MARTIN
010501	0734	Upper Grand River near Cow Island, Louisiana	06/30/98	0.080	ppm	4	517.4	37.2	Blue Catfish	ST MARTIN
010501	0734	Upper Grand River near Cow Island, Louisiana	06/30/98	0.050	ppm	2	751.3	41	Flathead Catfish	ST MARTIN
010501	0734	Upper Grand River near Cow Island, Louisiana	06/30/98	0.200	ppm	1	16471.4	83.9	Flathead Catfish	ST MARTIN
010501	0734	Upper Grand River near Cow Island, Louisiana	06/30/98	0.160	ppm	2	5003.8	70.8	Flathead Catfish	ST MARTIN
010501	0734	Upper Grand River near Cow Island, Louisiana	06/30/98	0.140	ppm	2	382.7	30.4	Freshwater Drum	ST MARTIN
010501	0734	Upper Grand River near Cow Island, Louisiana	06/30/98	0.220	ppm	1	396.9	29.5	Spotted Bass	ST MARTIN
010501	0734	Upper Grand River near Cow Island, Louisiana	06/30/98	0.110	ppm	1	255.2	26	White Bass	ST MARTIN
010501	0734	Upper Grand River near Cow Island, Louisiana	01/30/03	0.570	ppm	2	2551.5	53.2	Bigmouth Buffalo	ST MARTIN
010501	0734	Upper Grand River near Cow Island, Louisiana	01/30/03	0.290	ppm	1	822.2	43.6	Bowfin	ST MARTIN
010501	0734	Upper Grand River near Cow Island, Louisiana	01/30/03	0.470	ppm	1	822.2	43.6	Bowfin	ST MARTIN
010501	0734	Upper Grand River near Cow Island, Louisiana	01/30/03	0.280	ppm	1	1842.8	48	Freshwater Drum	ST MARTIN
010501	0734	Upper Grand River near Cow Island, Louisiana	01/30/03	0.430	ppm	1	992.3	38.2	Largemouth Bass	ST MARTIN
010501	0734	Upper Grand River near Cow Island, Louisiana	01/30/03	0.200	ppm	2	453.6	31	Largemouth Bass	ST MARTIN
010501	0734	Upper Grand River near Cow Island, Louisiana	01/30/03	0.310	ppm	4	290.6	27	Largemouth Bass	ST MARTIN
010501	0734	Upper Grand River near Cow Island, Louisiana	01/30/03	0.230	ppm	2	2423.9	48.9	Smallmouth Bass	ST MARTIN
010501	0734	Upper Grand River near Cow Island, Louisiana	01/30/03	0.200	ppm	3	1200.2	42.3	Smallmouth Bass	ST MARTIN
010501	0734	Upper Grand River near Cow Island, Louisiana	01/30/03	1.000	ppm	1	4706.1	68.7	Striped Bass	ST MARTIN
010501	0734	Upper Grand River near Cow Island, Louisiana	01/30/03	0.120	ppm	1	396.9	28.7	White Crappie	ST MARTIN
010501	0743	Little Atchafalaya River near Cow Island, Louisiana	06/30/98	0.190	ppm	1	1049.0	41	Freshwater Drum	ST MARTIN
010501	0743	Little Atchafalaya River near Cow Island, Louisiana	06/30/98	0.280	ppm	5	550.0	32.6	Largemouth Bass	ST MARTIN
010501	0743	Little Atchafalaya River near Cow Island, Louisiana	06/30/98	0.230	ppm	6	704.0	34	Largemouth Bass	ST MARTIN
010501	0743	Little Atchafalaya River near Cow Island, Louisiana	06/30/98	0.350	ppm	3	926.1	36.9	Largemouth Bass	ST MARTIN
010501	0743	Little Atchafalaya River near Cow Island, Louisiana	02/26/04	0.390	ppm	3	2410.0	50.1	Bigmouth Buffalo	ST MARTIN
010501	0743	Little Atchafalaya River near Cow Island, Louisiana	02/26/04	0.150	ppm	1	1635.0	45	Bigmouth Buffalo	ST MARTIN
010501	0743	Little Atchafalaya River near Cow Island, Louisiana	02/26/04	0.260	ppm	1	270.0	25	Black Crappie	ST MARTIN
010501	0743	Little Atchafalaya River near Cow Island, Louisiana	02/26/04	0.200	ppm	3	120.0	19.7	Black Crappie	ST MARTIN
010501	0743	Little Atchafalaya River near Cow Island, Louisiana	02/26/04	0.060	ppm	1	1580.0	52.1	Blue Catfish	ST MARTIN
010501	0743	Little Atchafalaya River near Cow Island, Louisiana	02/26/04	0.100	ppm	2	810.0	46.1	Blue Catfish	ST MARTIN
010501	0743	Little Atchafalaya River near Cow Island, Louisiana	02/26/04	0.090	ppm	2	810.0	46.1	Blue Catfish	ST MARTIN
010501	0743	Little Atchafalaya River near Cow Island, Louisiana	02/26/04	0.070	ppm	1	795.0	43.2	Bowfin	ST MARTIN
010501	0743	Little Atchafalaya River near Cow Island, Louisiana	02/26/04	0.100	ppm	1	4155.0	59.1	Freshwater Drum	ST MARTIN
010501	0743	Little Atchafalaya River near Cow Island, Louisiana	02/26/04	0.190	ppm	2	2367.5	50.2	Freshwater Drum	ST MARTIN
010501	0743	Little Atchafalaya River near Cow Island, Louisiana	02/26/04	0.100	ppm	1	1265.0	43.9	Freshwater Drum	ST MARTIN
010501	0743	Little Atchafalaya River near Cow Island, Louisiana	02/26/04	0.200	ppm	3	713.3	37.8	Freshwater Drum	ST MARTIN
010501	0743	Little Atchafalaya River near Cow Island, Louisiana	02/26/04	0.150	ppm	1	640.0	37	Striped Bass	ST MARTIN
010501	0743	Little Atchafalaya River near Cow Island, Louisiana	02/26/04	0.080	ppm	2	610.0	33.7	White Bass	ST MARTIN
010501	0894	Upper Grand River West of Bayou Pigeon, Louisiana	08/10/99	0.410	ppm	1	1757.7	46.4	Bigmouth Buffalo	ST MARTIN
010501	0894	Upper Grand River West of Bayou Pigeon, Louisiana	08/10/99	0.130	ppm	5	822.2	44.2	Blue Catfish	ST MARTIN
010501	0894	Upper Grand River West of Bayou Pigeon, Louisiana	08/10/99	0.110	ppm	1	3798.9	69	Blue Catfish	ST MARTIN
010501	0894	Upper Grand River West of Bayou Pigeon, Louisiana	08/10/99	0.090	ppm	3	1814.4	54.2	Blue Catfish	ST MARTIN
010501	0894	Upper Grand River West of Bayou Pigeon, Louisiana	08/10/99	0.090	ppm	5	470.6	37.7	Blue Catfish	ST MARTIN
010501	0894	Upper Grand River West of Bayou Pigeon, Louisiana	08/10/99	0.220	ppm	2	4181.6	68.8	Flathead Catfish	ST MARTIN
010501	0894	Upper Grand River West of Bayou Pigeon, Louisiana	08/10/99	0.130	ppm	1	2636.6	61.5	Flathead Catfish	ST MARTIN
010501	0894	Upper Grand River West of Bayou Pigeon, Louisiana	08/10/99	0.110	ppm	2	1171.9	53.8	Flathead Catfish	ST MARTIN
010501	0894	Upper Grand River West of Bayou Pigeon, Louisiana	08/10/99	0.300	ppm	1	283.5	27.4	Largemouth Bass	ST MARTIN
010501	0894	Upper Grand River West of Bayou Pigeon, Louisiana	08/10/99	0.150	ppm	3	1464.7	43.7	Smallmouth Bass	ST MARTIN

Table D.1. LDEQ Fish Tissue Mercury Data.

SUBSEGMENT	SITE NO.	SITE NAME	DATE	MERCURY	UNITS	NUMBER OF FISH	AVG FISH WEIGHT (g)	AVG FISH LENGTH (cm)	FISH SPECIES	PARISH
010501	0894	Upper Grand River West of Bayou Pigeon, Louisiana	08/10/99	0.700	ppm	1	425.3	30.8	Spotted Bass	ST MARTIN
010501	0895	Little Tensas Bayou ESE of Butte La Rose, Louisiana	08/10/99	0.150	ppm	1	3203.6	65.3	Bowfin	ST MARTIN
010501	0895	Little Tensas Bayou ESE of Butte La Rose, Louisiana	08/10/99	0.310	ppm	1	1984.5	56.5	Bowfin	ST MARTIN
010501	0895	Little Tensas Bayou ESE of Butte La Rose, Louisiana	08/10/99	0.090	ppm	1	1275.8	49	Bowfin	ST MARTIN
010501	0895	Little Tensas Bayou ESE of Butte La Rose, Louisiana	08/10/99	0.210	ppm	1	1502.6	52.5	Flathead Catfish	ST MARTIN
010501	0895	Little Tensas Bayou ESE of Butte La Rose, Louisiana	08/10/99	0.250	ppm	1	2636.6	62	Flathead Catfish	ST MARTIN
010501	0895	Little Tensas Bayou ESE of Butte La Rose, Louisiana	08/10/99	0.270	ppm	2	694.6	36	Freshwater Drum	ST MARTIN
010501	0895	Little Tensas Bayou ESE of Butte La Rose, Louisiana	08/10/99	0.250	ppm	6	548.1	33.1	Largemouth Bass	ST MARTIN
010501	0895	Little Tensas Bayou ESE of Butte La Rose, Louisiana	08/10/99	0.320	ppm	3	708.8	35.7	Largemouth Bass	ST MARTIN
010501	0895	Little Tensas Bayou ESE of Butte La Rose, Louisiana	08/10/99	0.510	ppm	3	1379.7	42.2	Largemouth Bass	ST MARTIN
010501	0895	Little Tensas Bayou ESE of Butte La Rose, Louisiana	08/10/99	0.220	ppm	2	269.3	25.7	White Crappie	ST MARTIN
010501	0895	Little Tensas Bayou ESE of Butte La Rose, Louisiana	08/10/99	0.850	ppm	3	529.2	33.2	White Crappie	ST MARTIN
010501	0895	Little Tensas Bayou ESE of Butte La Rose, Louisiana	08/10/99	0.200	ppm	5	340.2	27.8	White Crappie	ST MARTIN
010501	0895	Little Tensas Bayou ESE of Butte La Rose, Louisiana	04/11/05	0.210	ppm	1	1045.0	49.2	Blue Catfish	ST MARTIN
010501	0895	Little Tensas Bayou ESE of Butte La Rose, Louisiana	04/11/05	0.110	ppm	1	3240.0	67.8	Bowfin	ST MARTIN
010501	0895	Little Tensas Bayou ESE of Butte La Rose, Louisiana	04/11/05	0.360	ppm	1	2275.0	59.5	Bowfin	ST MARTIN
010501	0895	Little Tensas Bayou ESE of Butte La Rose, Louisiana	04/11/05	0.300	ppm	2	1668.8	55.5	Bowfin	ST MARTIN
010501	0895	Little Tensas Bayou ESE of Butte La Rose, Louisiana	04/11/05	0.140	ppm	4	1240.0	50.8	Bowfin	ST MARTIN
010501	0895	Little Tensas Bayou ESE of Butte La Rose, Louisiana	04/11/05	0.090	ppm	1	980.0	45.6	Bowfin	ST MARTIN
010501	0895	Little Tensas Bayou ESE of Butte La Rose, Louisiana	04/11/05	0.130	ppm	2	460.0	36.7	Flathead Catfish	ST MARTIN
010501	0895	Little Tensas Bayou ESE of Butte La Rose, Louisiana	04/11/05	0.230	ppm	1	355.0	28.5	Largemouth Bass	ST MARTIN
010501	0895	Little Tensas Bayou ESE of Butte La Rose, Louisiana	04/11/05	0.560	ppm	2	570.0	32.9	Largemouth Bass	ST MARTIN
010501	0895	Little Tensas Bayou ESE of Butte La Rose, Louisiana	04/11/05	0.610	ppm	2	1092.5	40.7	Largemouth Bass	ST MARTIN
010501	0895	Little Tensas Bayou ESE of Butte La Rose, Louisiana	04/11/05	0.540	ppm	1	495.0	32.2	Spotted Bass	ST MARTIN
010501	0895	Little Tensas Bayou ESE of Butte La Rose, Louisiana	04/11/05	0.250	ppm	2	397.5	30.6	Spotted Bass	ST MARTIN
010501	0895	Little Tensas Bayou ESE of Butte La Rose, Louisiana	04/11/05	0.170	ppm	2	347.5	28.2	White Crappie	ST MARTIN
010501	0895	Little Tensas Bayou ESE of Butte La Rose, Louisiana	04/11/05	0.250	ppm	1	710.0	35.3	White Crappie	ST MARTIN
010501	1012	Beau Bayou near intersection with Bayou La Rose, Louisiana	06/20/00	0.180	ppm	3	963.9	37.7	Bigmouth Buffalo	ST MARTIN
010501	1012	Beau Bayou near intersection with Bayou La Rose, Louisiana	06/20/00	0.120	ppm	3	671.0	33.8	Bigmouth Buffalo	ST MARTIN
010501	1012	Beau Bayou near intersection with Bayou La Rose, Louisiana	06/20/00	0.480	ppm	4	389.8	28.2	Black Crappie	ST MARTIN
010501	1012	Beau Bayou near intersection with Bayou La Rose, Louisiana	06/20/00	0.590	ppm	3	500.9	30.9	Black Crappie	ST MARTIN
010501	1012	Beau Bayou near intersection with Bayou La Rose, Louisiana	06/20/00	0.480	ppm	3	311.9	26.4	Black Crappie	ST MARTIN
010501	1012	Beau Bayou near intersection with Bayou La Rose, Louisiana	06/20/00	0.360	ppm	3	3071.3	65.1	Bowfin	ST MARTIN
010501	1012	Beau Bayou near intersection with Bayou La Rose, Louisiana	06/20/00	0.510	ppm	3	2419.2	60.9	Bowfin	ST MARTIN
010501	1012	Beau Bayou near intersection with Bayou La Rose, Louisiana	06/20/00	0.340	ppm	3	1805.0	56.3	Bowfin	ST MARTIN
010501	1012	Beau Bayou near intersection with Bayou La Rose, Louisiana	06/20/00	0.480	ppm	2	779.6	38.2	Freshwater Drum	ST MARTIN
010501	1012	Beau Bayou near intersection with Bayou La Rose, Louisiana	06/20/00	0.190	ppm	6	288.2	28.7	Freshwater Drum	ST MARTIN
010501	1012	Beau Bayou near intersection with Bayou La Rose, Louisiana	06/20/00	0.370	ppm	6	349.7	28.4	Largemouth Bass	ST MARTIN
010501	1012	Beau Bayou near intersection with Bayou La Rose, Louisiana	06/20/00	0.470	ppm	3	699.3	35.5	Largemouth Bass	ST MARTIN
010501	1012	Beau Bayou near intersection with Bayou La Rose, Louisiana	06/20/00	0.650	ppm	2	1545.1	43.6	Largemouth Bass	ST MARTIN
010501	1012	Beau Bayou near intersection with Bayou La Rose, Louisiana	06/20/00	0.560	ppm	3	916.7	39.6	Largemouth Bass	ST MARTIN
010501	1012	Beau Bayou near intersection with Bayou La Rose, Louisiana	06/20/00	0.670	ppm	2	467.8	33	Largemouth Bass	ST MARTIN
010501	1012	Beau Bayou near intersection with Bayou La Rose, Louisiana	06/20/00	0.400	ppm	4	404.0	30.2	Largemouth Bass	ST MARTIN
010501	1012	Beau Bayou near intersection with Bayou La Rose, Louisiana	08/11/04	0.660	ppm	1	795.0	35.4	Black Crappie	ST MARTIN
010501	1012	Beau Bayou near intersection with Bayou La Rose, Louisiana	08/11/04	0.270	ppm	5	359.0	26.6	Black Crappie	ST MARTIN
010501	1012	Beau Bayou near intersection with Bayou La Rose, Louisiana	08/11/04	0.280	ppm	6	295.0	25.2	Black Crappie	ST MARTIN
010501	1012	Beau Bayou near intersection with Bayou La Rose, Louisiana	08/11/04	0.350	ppm	2	3815.0	68.5	Bowfin	ST MARTIN
010501	1012	Beau Bayou near intersection with Bayou La Rose, Louisiana	08/11/04	0.430	ppm	2	3815.0	68.5	Bowfin	ST MARTIN
010501	1012	Beau Bayou near intersection with Bayou La Rose, Louisiana	08/11/04	0.220	ppm	2	2940.0	64.8	Bowfin	ST MARTIN
010501	1012	Beau Bayou near intersection with Bayou La Rose, Louisiana	08/11/04	0.240	ppm	2	2940.0	64.8	Bowfin	ST MARTIN
010501	1012	Beau Bayou near intersection with Bayou La Rose, Louisiana	08/11/04	0.180	ppm	3	2515.0	60.8	Bowfin	ST MARTIN
010501	1012	Beau Bayou near intersection with Bayou La Rose, Louisiana	08/11/04	0.710	ppm	3	2515.0	60.8	Bowfin	ST MARTIN
010501	1012	Beau Bayou near intersection with Bayou La Rose, Louisiana	08/11/04	0.210	ppm	4	2013.8	55.1	Bowfin	ST MARTIN
010501	1012	Beau Bayou near intersection with Bayou La Rose, Louisiana	08/11/04	0.140	ppm	4	2013.8	55.1	Bowfin	ST MARTIN

Table D.1. LDEQ Fish Tissue Mercury Data.

SUBSEGMENT	SITE NO.	SITE NAME	DATE	MERCURY	UNITS	NUMBER OF FISH	AVG FISH WEIGHT (g)	AVG FISH LENGTH (cm)	FISH SPECIES	PARISH
010501	1012	Beau Bayou near intersection with Bayou La Rose, Louisiana	08/11/04	0.350	ppm	1	1030.0	41.2	Freshwater Drum	ST MARTIN
010501	1012	Beau Bayou near intersection with Bayou La Rose, Louisiana	08/11/04	0.420	ppm	3	923.3	37.2	Largemouth Bass	ST MARTIN
010501	1012	Beau Bayou near intersection with Bayou La Rose, Louisiana	08/11/04	0.350	ppm	5	728.0	35.2	Largemouth Bass	ST MARTIN
010501	1012	Beau Bayou near intersection with Bayou La Rose, Louisiana	08/11/04	0.390	ppm	6	486.7	30.8	Largemouth Bass	ST MARTIN
010501	1143	Duck Lake northeast of Centerville, Louisiana	09/12/01	0.230	ppm	6	293.0	25.7	Black Crappie	ST MARTIN
010501	1143	Duck Lake northeast of Centerville, Louisiana	09/12/01	0.270	ppm	7	510.3	30.4	Black Crappie	ST MARTIN
010501	1143	Duck Lake northeast of Centerville, Louisiana	09/12/01	0.360	ppm	8	396.9	28.4	Black Crappie	ST MARTIN
010501	1143	Duck Lake northeast of Centerville, Louisiana	09/12/01	0.100	ppm	2	1318.3	52.8	Blue Catfish	ST MARTIN
010501	1143	Duck Lake northeast of Centerville, Louisiana	09/12/01	0.180	ppm	1	2381.4	58.4	Blue Catfish	ST MARTIN
010501	1143	Duck Lake northeast of Centerville, Louisiana	09/12/01	0.230	ppm	1	2041.2	56.5	Bowfin	ST MARTIN
010501	1143	Duck Lake northeast of Centerville, Louisiana	09/12/01	0.140	ppm	1	1786.1	51.9	Flathead Catfish	ST MARTIN
010501	1143	Duck Lake northeast of Centerville, Louisiana	09/12/01	0.260	ppm	1	935.6	42.1	Freshwater Drum	ST MARTIN
010501	1143	Duck Lake northeast of Centerville, Louisiana	09/12/01	0.200	ppm	3	604.8	32.9	Largemouth Bass	ST MARTIN
010501	1143	Duck Lake northeast of Centerville, Louisiana	09/12/01	0.340	ppm	2	907.2	38.4	Largemouth Bass	ST MARTIN
010501	1143	Duck Lake northeast of Centerville, Louisiana	09/12/01	0.380	ppm	3	1200.2	40.9	Largemouth Bass	ST MARTIN
010501	1143	Duck Lake northeast of Centerville, Louisiana	07/13/05	0.240	ppm	2	285.0	24.9	Black Crappie	ST MARTIN
010501	1143	Duck Lake northeast of Centerville, Louisiana	07/13/05	0.430	ppm	1	600.0	31.8	Black Crappie	ST MARTIN
010501	1143	Duck Lake northeast of Centerville, Louisiana	07/13/05	0.170	ppm	5	228.0	23.4	Black Crappie	ST MARTIN
010501	1143	Duck Lake northeast of Centerville, Louisiana	07/13/05	0.170	ppm	8	173.1	18.8	Bluegill Sunfish	ST MARTIN
010501	1143	Duck Lake northeast of Centerville, Louisiana	07/13/05	0.200	ppm	1	720.0	35	Freshwater Drum	ST MARTIN
010501	1143	Duck Lake northeast of Centerville, Louisiana	07/13/05	0.140	ppm	1	935.0	41.1	Freshwater Drum	ST MARTIN
010501	1143	Duck Lake northeast of Centerville, Louisiana	07/13/05	0.220	ppm	3	593.3	33.1	Largemouth Bass	ST MARTIN
010501	1143	Duck Lake northeast of Centerville, Louisiana	07/13/05	0.290	ppm	4	755.0	35.2	Largemouth Bass	ST MARTIN
010501	1143	Duck Lake northeast of Centerville, Louisiana	07/13/05	0.270	ppm	4	755.0	35.2	Largemouth Bass	ST MARTIN
010501	1143	Duck Lake northeast of Centerville, Louisiana	07/13/05	0.510	ppm	2	1222.5	41.3	Largemouth Bass	ST MARTIN
010501	1143	Duck Lake northeast of Centerville, Louisiana	07/13/05	0.350	ppm	2	817.5	37	Largemouth Bass	ST MARTIN
010501	1143	Duck Lake northeast of Centerville, Louisiana	07/13/05	0.130	ppm	6	219.2	21.3	Redear Sunfish	ST MARTIN
010501	2895	Lake Chicot Oilfield Canals, north of Franklin (Atchafalaya Basin), Louisiana	10/11/04	0.180	ppm	8	270.0	25.4	Black Crappie	ST MARTIN
010501	2895	Lake Chicot Oilfield Canals, north of Franklin (Atchafalaya Basin), Louisiana	10/11/04	0.280	ppm	5	364.0	27.8	Black Crappie	ST MARTIN
010501	2895	Lake Chicot Oilfield Canals, north of Franklin (Atchafalaya Basin), Louisiana	10/11/04	0.320	ppm	1	965.0	38.3	Black Crappie	ST MARTIN
010501	2895	Lake Chicot Oilfield Canals, north of Franklin (Atchafalaya Basin), Louisiana	10/11/04	0.130	ppm	2	1382.5	50.8	Bowfin	ST MARTIN
010501	2895	Lake Chicot Oilfield Canals, north of Franklin (Atchafalaya Basin), Louisiana	10/11/04	0.160	ppm	3	1805.0	55.3	Bowfin	ST MARTIN
010501	2895	Lake Chicot Oilfield Canals, north of Franklin (Atchafalaya Basin), Louisiana	10/11/04	0.130	ppm	3	2230.0	58.8	Bowfin	ST MARTIN
010501	2895	Lake Chicot Oilfield Canals, north of Franklin (Atchafalaya Basin), Louisiana	10/11/04	0.170	ppm	1	2605.0	61.6	Bowfin	ST MARTIN
010501	2895	Lake Chicot Oilfield Canals, north of Franklin (Atchafalaya Basin), Louisiana	10/11/04	0.140	ppm	4	427.5	33.3	Freshwater Drum	ST MARTIN
010501	2895	Lake Chicot Oilfield Canals, north of Franklin (Atchafalaya Basin), Louisiana	10/11/04	0.270	ppm	1	1345.0	43.2	Freshwater Drum	ST MARTIN
010501	2895	Lake Chicot Oilfield Canals, north of Franklin (Atchafalaya Basin), Louisiana	10/11/04	0.510	ppm	1	2995.0	52.1	Freshwater Drum	ST MARTIN
010501	2895	Lake Chicot Oilfield Canals, north of Franklin (Atchafalaya Basin), Louisiana	10/11/04	0.240	ppm	4	576.3	32.7	Largemouth Bass	ST MARTIN
010501	2895	Lake Chicot Oilfield Canals, north of Franklin (Atchafalaya Basin), Louisiana	10/11/04	0.300	ppm	6	705.8	35.1	Largemouth Bass	ST MARTIN
010501	2895	Lake Chicot Oilfield Canals, north of Franklin (Atchafalaya Basin), Louisiana	10/11/04	0.530	ppm	3	1128.3	40.5	Largemouth Bass	ST MARTIN
010501	2895	Lake Chicot Oilfield Canals, north of Franklin (Atchafalaya Basin), Louisiana	10/11/04	0.590	ppm	2	825.0	38.8	White Bass	ST MARTIN
010501	2895	Lake Chicot Oilfield Canals, north of Franklin (Atchafalaya Basin), Louisiana	10/11/04	0.510	ppm	2	825.0	38.8	White Bass	ST MARTIN
010501	2895	Lake Chicot Oilfield Canals, north of Franklin (Atchafalaya Basin), Louisiana	10/11/04	0.090	ppm	6	336.7	28.6	White Crappie	ST MARTIN
010501	2895	Lake Chicot Oilfield Canals, north of Franklin (Atchafalaya Basin), Louisiana	10/11/04	0.170	ppm	5	454.0	31.1	White Crappie	ST MARTIN
010501	2895	Lake Chicot Oilfield Canals, north of Franklin (Atchafalaya Basin), Louisiana	10/11/04	0.180	ppm	6	578.3	32.8	White Crappie	ST MARTIN
010501	0508	Bayou Teche at Patterson, Louisiana	01/23/97	0.490	ppm	1	3090.2	54	Bigmouth Buffalo	ST MARY
010501	0508	Bayou Teche at Patterson, Louisiana	01/23/97	0.210	ppm	1	1162.4	41.6	Bigmouth Buffalo	ST MARY
010501	0508	Bayou Teche at Patterson, Louisiana	01/23/97	0.290	ppm	1	2069.6	56.7	Bowfin	ST MARY
010501	0508	Bayou Teche at Patterson, Louisiana	01/23/97	0.200	ppm	2	1020.6	46	Bowfin	ST MARY
010501	0508	Bayou Teche at Patterson, Louisiana	01/23/97	0.440	ppm	1	3033.5	53	Freshwater Drum	ST MARY
010501	0508	Bayou Teche at Patterson, Louisiana	01/23/97	< 0.001	ppm	6	411.1	30.8	Largemouth Bass	ST MARY
010501	0508	Bayou Teche at Patterson, Louisiana	01/23/97	0.260	ppm	4	737.1	36.4	Largemouth Bass	ST MARY
010501	0508	Bayou Teche at Patterson, Louisiana	01/23/97	0.180	ppm	4	878.9	38.3	Largemouth Bass	ST MARY
010501	0508	Bayou Teche at Patterson, Louisiana	01/23/97	0.130	ppm	4	1204.9	42.3	Largemouth Bass	ST MARY

Table D.1. LDEQ Fish Tissue Mercury Data.

SUBSEGMENT	SITE NO.	SITE NAME	DATE	MERCURY	UNITS	NUMBER OF FISH	AVG FISH WEIGHT (g)	AVG FISH LENGTH (cm)	FISH SPECIES	PARISH
010501	0508	Bayou Teche at Patterson, Louisiana	01/23/97	0.100	ppm	3	699.3	35.4	Largemouth Bass	ST MARY
010501	0508	Bayou Teche at Patterson, Louisiana	01/23/97	0.100	ppm	5	521.6	33.5	Largemouth Bass	ST MARY
010501	0508	Bayou Teche at Patterson, Louisiana	01/23/97	0.190	ppm	5	124.7	19	Redear Sunfish	ST MARY
010501	0508	Bayou Teche at Patterson, Louisiana	11/09/98	0.150	ppm	1	226.8	23.9	Black Crappie	ST MARY
010501	0508	Bayou Teche at Patterson, Louisiana	11/09/98	0.060	ppm	2	141.8	20.8	Black Crappie	ST MARY
010501	0508	Bayou Teche at Patterson, Louisiana	11/09/98	0.080	ppm	1	623.7	39.3	Blue Catfish	ST MARY
010501	0508	Bayou Teche at Patterson, Louisiana	11/09/98	0.450	ppm	1	2806.7	62.6	Bowfin	ST MARY
010501	0508	Bayou Teche at Patterson, Louisiana	11/09/98	0.100	ppm	1	1275.8	49.5	Bowfin	ST MARY
010501	0508	Bayou Teche at Patterson, Louisiana	11/09/98	0.110	ppm	1	240.2	34.4	Channel Catfish	ST MARY
010501	0508	Bayou Teche at Patterson, Louisiana	11/09/98	0.200	ppm	1	3430.4	53	Freshwater Drum	ST MARY
010501	0508	Bayou Teche at Patterson, Louisiana	11/09/98	0.110	ppm	1	850.5	39	Freshwater Drum	ST MARY
010501	0508	Bayou Teche at Patterson, Louisiana	11/09/98	0.400	ppm	1	1276.0	43.6	Largemouth Bass	ST MARY
010501	0508	Bayou Teche at Patterson, Louisiana	11/09/98	0.200	ppm	3	729.0	37	Largemouth Bass	ST MARY
010501	0508	Bayou Teche at Patterson, Louisiana	11/09/98	0.180	ppm	4	618.0	35	Largemouth Bass	ST MARY
010501	0508	Bayou Teche at Patterson, Louisiana	11/09/98	0.110	ppm	3	425.3	31	Largemouth Bass	ST MARY
010501	0508	Bayou Teche at Patterson, Louisiana	11/09/98	0.120	ppm	6	326.0	28.7	Largemouth Bass	ST MARY
010501	0508	Bayou Teche at Patterson, Louisiana	11/09/98	0.100	ppm	2	297.7	27.3	White Crappie	ST MARY
010501	0508	Bayou Teche at Patterson, Louisiana	11/09/98	0.090	ppm	3	236.2	25.6	White Crappie	ST MARY
010501	0698	Atchafalaya Basin near Crewboat Chute, LA	04/28/98	0.020	ppm	55	12.9		Red Swamp Crawfish	ST MARY
010501	0698	Atchafalaya Basin near Crewboat Chute, LA	04/28/98	0.010	ppm	35	32.4		Red Swamp Crawfish	ST MARY
010501	0698	Atchafalaya Basin near Crewboat Chute, LA	04/28/98	0.010	ppm	34	26.7		Red Swamp Crawfish	ST MARY
010501	0698	Atchafalaya Basin near Crewboat Chute, LA	04/28/98	0.010	ppm	41	19.4		Red Swamp Crawfish	ST MARY
010501	0747	Crew Boat Chute Northeast of Grand Lake, Louisiana	07/15/98	0.050	ppm	6	359.1	34.2	Blue Catfish	ST MARY
010501	0747	Crew Boat Chute Northeast of Grand Lake, Louisiana	07/15/98	0.080	ppm	2	694.6	40.3	Blue Catfish	ST MARY
010501	0747	Crew Boat Chute Northeast of Grand Lake, Louisiana	07/15/98	0.120	ppm	1	1304.1	46.5	Blue Catfish	ST MARY
010501	0747	Crew Boat Chute Northeast of Grand Lake, Louisiana	07/15/98	0.090	ppm	7	562.9	38.2	Blue Catfish	ST MARY
010501	0747	Crew Boat Chute Northeast of Grand Lake, Louisiana	07/15/98	0.200	ppm	1	1786.1	53	Flathead Catfish	ST MARY
010501	0747	Crew Boat Chute Northeast of Grand Lake, Louisiana	07/15/98	0.100	ppm	2	1289.9	46.5	Flathead Catfish	ST MARY
010501	0747	Crew Boat Chute Northeast of Grand Lake, Louisiana	07/15/98	0.090	ppm	2	425.3	28.7	Largemouth Bass	ST MARY
010501	0747	Crew Boat Chute Northeast of Grand Lake, Louisiana	07/15/98	0.270	ppm	2	822.2	35.1	Largemouth Bass	ST MARY
010501	0747	Crew Boat Chute Northeast of Grand Lake, Louisiana	07/15/98	0.310	ppm	1	680.4	33	Largemouth Bass	ST MARY
010501	0747	Crew Boat Chute Northeast of Grand Lake, Louisiana	07/15/98	0.250	ppm	1	765.5	34	Spotted Bass	ST MARY
010501	0747	Crew Boat Chute Northeast of Grand Lake, Louisiana	07/15/98	0.120	ppm	1	482.0	29	Spotted Bass	ST MARY
010501	0747	Crew Boat Chute Northeast of Grand Lake, Louisiana	07/15/98	0.210	ppm	5	510.3	32.8	White Bass	ST MARY
010501	0747	Crew Boat Chute Northeast of Grand Lake, Louisiana	07/15/98	0.170	ppm	2	680.4	35.5	White Bass	ST MARY
010501	0747	Crew Boat Chute Northeast of Grand Lake, Louisiana	07/15/98	0.160	ppm	8	407.5	30.1	White Bass	ST MARY
010501	0747	Crew Boat Chute Northeast of Grand Lake, Louisiana	10/20/03	0.360	ppm	2	610.0	33.8	Black Crappie	ST MARY
010501	0747	Crew Boat Chute Northeast of Grand Lake, Louisiana	10/20/03	0.300	ppm	3	473.3	30.4	Black Crappie	ST MARY
010501	0747	Crew Boat Chute Northeast of Grand Lake, Louisiana	10/20/03	0.230	ppm	4	248.8	24.3	Black Crappie	ST MARY
010501	0747	Crew Boat Chute Northeast of Grand Lake, Louisiana	10/20/03	0.170	ppm	1	3100.0	63	Bowfin	ST MARY
010501	0747	Crew Boat Chute Northeast of Grand Lake, Louisiana	10/20/03	0.150	ppm	1	3100.0	63	Bowfin	ST MARY
010501	0747	Crew Boat Chute Northeast of Grand Lake, Louisiana	10/20/03	0.840	ppm	1	1725.0	54.2	Bowfin	ST MARY
010501	0747	Crew Boat Chute Northeast of Grand Lake, Louisiana	10/20/03	0.810	ppm	1	1725.0	54.2	Bowfin	ST MARY
010501	0747	Crew Boat Chute Northeast of Grand Lake, Louisiana	10/20/03	0.320	ppm	1	3465.0	55.8	Freshwater Drum	ST MARY
010501	0747	Crew Boat Chute Northeast of Grand Lake, Louisiana	10/20/03	0.180	ppm	3	2038.3	48.9	Freshwater Drum	ST MARY
010501	0747	Crew Boat Chute Northeast of Grand Lake, Louisiana	10/20/03	0.160	ppm	2	710.0	36.4	Freshwater Drum	ST MARY
010501	0747	Crew Boat Chute Northeast of Grand Lake, Louisiana	10/20/03	0.410	ppm	2	1432.5	44	Largemouth Bass	ST MARY
010501	0747	Crew Boat Chute Northeast of Grand Lake, Louisiana	10/20/03	0.360	ppm	3	963.3	39.9	Largemouth Bass	ST MARY
010501	0747	Crew Boat Chute Northeast of Grand Lake, Louisiana	10/20/03	0.140	ppm	3	726.7	35.7	Largemouth Bass	ST MARY
010501	0747	Crew Boat Chute Northeast of Grand Lake, Louisiana	10/20/03	0.270	ppm	6	392.5	29.9	Largemouth Bass	ST MARY
010501	0755	Millers Chute East of Grand Lake, Louisiana	07/15/98	0.310	ppm	4	815.1	43.3	Blue Catfish	ST MARY
010501	0755	Millers Chute East of Grand Lake, Louisiana	07/15/98	0.240	ppm	4	538.7	38.4	Blue Catfish	ST MARY
010501	0755	Millers Chute East of Grand Lake, Louisiana	07/15/98	0.320	ppm	5	425.3	35.6	Blue Catfish	ST MARY
010501	0755	Millers Chute East of Grand Lake, Louisiana	07/15/98	0.290	ppm	2	2650.7	58.5	Flathead Catfish	ST MARY

Table D.1. LDEQ Fish Tissue Mercury Data.

SUBSEGMENT	SITE NO.	SITE NAME	DATE	MERCURY	UNITS	NUMBER OF FISH	AVG FISH WEIGHT (g)	AVG FISH LENGTH (cm)	FISH SPECIES	PARISH
010501	0755	Millers Chute East of Grand Lake, Louisiana	07/15/98	0.330	ppm	2	1757.7	51	Flathead Catfish	ST MARY
010501	0755	Millers Chute East of Grand Lake, Louisiana	07/15/98	0.280	ppm	1	1304.1	43	Freshwater Drum	ST MARY
010501	0755	Millers Chute East of Grand Lake, Louisiana	07/15/98	0.280	ppm	1	680.4	34.6	Freshwater Drum	ST MARY
010501	0755	Millers Chute East of Grand Lake, Louisiana	07/15/98	0.470	ppm	2	581.2	31.1	Largemouth Bass	ST MARY
010501	0755	Millers Chute East of Grand Lake, Louisiana	07/15/98	0.240	ppm	2	311.9	27.2	Spotted Bass	ST MARY
010501	0755	Millers Chute East of Grand Lake, Louisiana	07/15/98	0.430	ppm	3	604.8	34.2	White Bass	ST MARY
010501	0755	Millers Chute East of Grand Lake, Louisiana	07/15/98	0.430	ppm	2	439.4	31.8	White Bass	ST MARY
010501	0755	Millers Chute East of Grand Lake, Louisiana	09/05/01	0.320	ppm	1	567.0	31.2	Black Crappie	ST MARY
010501	0755	Millers Chute East of Grand Lake, Louisiana	09/05/01	0.310	ppm	6	396.9	28.2	Black Crappie	ST MARY
010501	0755	Millers Chute East of Grand Lake, Louisiana	09/05/01	0.290	ppm	6	316.6	26.6	Black Crappie	ST MARY
010501	0755	Millers Chute East of Grand Lake, Louisiana	09/05/01	0.210	ppm	6	226.8	24	Black Crappie	ST MARY
010501	0755	Millers Chute East of Grand Lake, Louisiana	09/05/01	0.380	ppm	2	3402.0	66	Bowfin	ST MARY
010501	0755	Millers Chute East of Grand Lake, Louisiana	09/05/01	0.450	ppm	3	1975.1	55.8	Bowfin	ST MARY
010501	0755	Millers Chute East of Grand Lake, Louisiana	09/05/01	0.360	ppm	2	1658.5	53.4	Bowfin	ST MARY
010501	0755	Millers Chute East of Grand Lake, Louisiana	09/05/01	0.120	ppm	1	1842.8	56	Channel Catfish	ST MARY
010501	0755	Millers Chute East of Grand Lake, Louisiana	09/05/01	0.170	ppm	1	1219.1	43	Freshwater Drum	ST MARY
010501	0755	Millers Chute East of Grand Lake, Louisiana	09/05/01	0.430	ppm	1	1616.0	43.7	Largemouth Bass	ST MARY
010501	0755	Millers Chute East of Grand Lake, Louisiana	09/05/01	0.410	ppm	3	1105.7	41.3	Largemouth Bass	ST MARY
010501	0755	Millers Chute East of Grand Lake, Louisiana	09/05/01	0.360	ppm	6	756.0	36.2	Largemouth Bass	ST MARY
010501	0755	Millers Chute East of Grand Lake, Louisiana	09/05/01	0.380	ppm	6	663.2	33.8	Largemouth Bass	ST MARY
010501	0755	Millers Chute East of Grand Lake, Louisiana	09/05/01	0.170	ppm	1	482.0	41.3	White Crappie	ST MARY
010501	0758	Six Mile Lake, Atchafalaya Basin, Louisiana	07/28/98	0.130	ppm	1	2863.4	52	Bigmouth Buffalo	ST MARY
010501	0758	Six Mile Lake, Atchafalaya Basin, Louisiana	07/28/98	0.050	ppm	3	746.5	41.8	Blue Catfish	ST MARY
010501	0758	Six Mile Lake, Atchafalaya Basin, Louisiana	07/28/98	0.090	ppm	3	1398.6	49	Blue Catfish	ST MARY
010501	0758	Six Mile Lake, Atchafalaya Basin, Louisiana	07/28/98	0.070	ppm	6	557.5	38.2	Blue Catfish	ST MARY
010501	0758	Six Mile Lake, Atchafalaya Basin, Louisiana	07/28/98	0.080	ppm	1	1502.6	43.2	Freshwater Drum	ST MARY
010501	0758	Six Mile Lake, Atchafalaya Basin, Louisiana	07/28/98	0.120	ppm	1	3146.9	52	Freshwater Drum	ST MARY
010501	0758	Six Mile Lake, Atchafalaya Basin, Louisiana	07/28/98	0.090	ppm	2	2027.0	46	Freshwater Drum	ST MARY
010501	0758	Six Mile Lake, Atchafalaya Basin, Louisiana	07/28/98	0.080	ppm	1	737.1	35.2	Largemouth Bass	ST MARY
010501	0758	Six Mile Lake, Atchafalaya Basin, Louisiana	07/28/98	0.280	ppm	1	1020.6	39.5	Largemouth Bass	ST MARY
010501	0758	Six Mile Lake, Atchafalaya Basin, Louisiana	07/28/98	0.060	ppm	3	1351.3	41.5	Smallmouth Bass	ST MARY
010501	0758	Six Mile Lake, Atchafalaya Basin, Louisiana	07/28/98	0.130	ppm	2	708.8	33.5	Spotted Bass	ST MARY
010501	0758	Six Mile Lake, Atchafalaya Basin, Louisiana	07/28/98	0.140	ppm	2	850.5	36.9	Spotted Bass	ST MARY
010501	0758	Six Mile Lake, Atchafalaya Basin, Louisiana	07/28/98	0.100	ppm	1	255.2	25.5	White Crappie	ST MARY
010501	0758	Six Mile Lake, Atchafalaya Basin, Louisiana	07/28/98	0.130	ppm	2	411.1	29.5	White Crappie	ST MARY
010501	1152	Grand Lake (West) north of Oaklawn, Louisiana	10/01/01	0.240	ppm	4	326.0	27.4	Black Crappie	ST MARY
010501	1152	Grand Lake (West) north of Oaklawn, Louisiana	10/01/01	0.280	ppm	4	276.4	25.8	Black Crappie	ST MARY
010501	1152	Grand Lake (West) north of Oaklawn, Louisiana	10/01/01	0.100	ppm	3	1318.3	50.2	Blue Catfish	ST MARY
010501	1152	Grand Lake (West) north of Oaklawn, Louisiana	10/01/01	0.070	ppm	4	630.8	40.8	Blue Catfish	ST MARY
010501	1152	Grand Lake (West) north of Oaklawn, Louisiana	10/01/01	0.160	ppm	4	2523.2	61	Flathead Catfish	ST MARY
010501	1152	Grand Lake (West) north of Oaklawn, Louisiana	10/01/01	0.160	ppm	3	614.3	39.6	Flathead Catfish	ST MARY
010501	1152	Grand Lake (West) north of Oaklawn, Louisiana	10/01/01	0.230	ppm	2	2849.2	50.9	Freshwater Drum	ST MARY
010501	1152	Grand Lake (West) north of Oaklawn, Louisiana	10/01/01	0.260	ppm	3	1483.7	44.8	Freshwater Drum	ST MARY
010501	1152	Grand Lake (West) north of Oaklawn, Louisiana	10/01/01	0.380	ppm	5	413.9	31	Largemouth Bass	ST MARY
010501	1152	Grand Lake (West) north of Oaklawn, Louisiana	10/01/01	0.420	ppm	3	642.6	34.6	Largemouth Bass	ST MARY
010501	1152	Grand Lake (West) north of Oaklawn, Louisiana	10/01/01	0.400	ppm	3	1011.2	40	Largemouth Bass	ST MARY
010501	1152	Grand Lake (West) north of Oaklawn, Louisiana	10/01/01	0.170	ppm	1	1445.9	41	Sheepshead	ST MARY
010501	1152	Grand Lake (West) north of Oaklawn, Louisiana	10/01/01	0.340	ppm	2	637.9	35.1	Spotted Bass	ST MARY
010501	1152	Grand Lake (West) north of Oaklawn, Louisiana	10/01/01	0.210	ppm	4	418.2	30.8	Spotted Bass	ST MARY
010501	1152	Grand Lake (West) north of Oaklawn, Louisiana	10/01/01	0.210	ppm	2	382.7	30.1	White Crappie	ST MARY
010501	1152	Grand Lake (West) north of Oaklawn, Louisiana	10/31/05	0.110	ppm	5	336.0	27.5	Black Crappie	ST MARY
010501	1152	Grand Lake (West) north of Oaklawn, Louisiana	10/31/05	0.080	ppm	8	243.8	25.1	Black Crappie	ST MARY
010501	1152	Grand Lake (West) north of Oaklawn, Louisiana	10/31/05	0.120	ppm	9	212.8	23.7	Black Crappie	ST MARY
010501	1152	Grand Lake (West) north of Oaklawn, Louisiana	10/31/05	0.250	ppm	1	645.0	41.5	Bowfin	ST MARY

Table D.1. LDEQ Fish Tissue Mercury Data.

SUBSEGMENT	SITE NO.	SITE NAME	DATE	MERCURY	UNITS	NUMBER OF FISH	AVG FISH WEIGHT (g)	AVG FISH LENGTH (cm)	FISH SPECIES	PARISH
010501	1152	Grand Lake (West) north of Oaklawn, Louisiana	10/31/05	0.190	ppm	1	1640.0	46.6	Freshwater Drum	ST MARY
010501	1152	Grand Lake (West) north of Oaklawn, Louisiana	10/31/05	0.210	ppm	3	648.3	35.5	Largemouth Bass	ST MARY
010501	1152	Grand Lake (West) north of Oaklawn, Louisiana	10/31/05	0.480	ppm	1	1410.0	44.9	Largemouth Bass	ST MARY
010501	1152	Grand Lake (West) north of Oaklawn, Louisiana	10/31/05	0.360	ppm	2	1105.0	41.3	Largemouth Bass	ST MARY
010501	1152	Grand Lake (West) north of Oaklawn, Louisiana	10/31/05	0.580	ppm	1	1525.0	47.2	Largemouth Bass	ST MARY
010501	1152	Grand Lake (West) north of Oaklawn, Louisiana	10/31/05	0.130	ppm	3	716.7	35.8	Spotted Bass	ST MARY
010501	1152	Grand Lake (West) north of Oaklawn, Louisiana	10/31/05	0.510	ppm	1	795.0	40	Spotted Bass	ST MARY
010501	1152	Grand Lake (West) north of Oaklawn, Louisiana	10/31/05	0.560	ppm	1	845.0	38.2	Spotted Bass	ST MARY
010501	1152	Grand Lake (West) north of Oaklawn, Louisiana	10/31/05	0.210	ppm	3	716.7	35.8	Spotted Bass	ST MARY
010501	1152	Grand Lake (West) north of Oaklawn, Louisiana	10/31/05	0.030	ppm	2	565.0	34.8	White Bass	ST MARY
010501	1152	Grand Lake (West) north of Oaklawn, Louisiana	10/31/05	0.190	ppm	3	991.7	41.2	White Bass	ST MARY
010501	1152	Grand Lake (West) north of Oaklawn, Louisiana	10/31/05	0.070	ppm	2	407.5	30.7	White Bass	ST MARY
010501	1152	Grand Lake (West) north of Oaklawn, Louisiana	10/31/05	< 0.000	ppm	2	192.5	24.2	White Crappie	ST MARY
010501	1152	Grand Lake (West) north of Oaklawn, Louisiana	10/31/05	0.150	ppm	5	311.0	27.4	White Crappie	ST MARY
010501	2686	Six Mile Lake east of Verdunville, Louisiana	09/02/03	0.250	ppm	4	205.0	22.6	Black Crappie	ST MARY
010501	2686	Six Mile Lake east of Verdunville, Louisiana	09/02/03	0.320	ppm	2	310.0	26.1	Black Crappie	ST MARY
010501	2686	Six Mile Lake east of Verdunville, Louisiana	09/02/03	0.210	ppm	3	1401.7	49.9	Bowfin	ST MARY
010501	2686	Six Mile Lake east of Verdunville, Louisiana	09/02/03	0.490	ppm	1	3565.0	68.6	Bowfin	ST MARY
010501	2686	Six Mile Lake east of Verdunville, Louisiana	09/02/03	0.380	ppm	1	3375.0	65.9	Bowfin	ST MARY
010501	2686	Six Mile Lake east of Verdunville, Louisiana	09/02/03	0.200	ppm	3	1401.7	49.6	Bowfin	ST MARY
010501	2686	Six Mile Lake east of Verdunville, Louisiana	09/02/03	0.210	ppm	1	5385.0	793	Flathead Catfish	ST MARY
010501	2686	Six Mile Lake east of Verdunville, Louisiana	09/02/03	0.190	ppm	1	3840.0	71	Flathead Catfish	ST MARY
010501	2686	Six Mile Lake east of Verdunville, Louisiana	09/02/03	0.120	ppm	3	1665.0	53.2	Flathead Catfish	ST MARY
010501	2686	Six Mile Lake east of Verdunville, Louisiana	09/02/03	0.280	ppm	1	1275.0	43.5	Freshwater Drum	ST MARY
010501	2686	Six Mile Lake east of Verdunville, Louisiana	09/02/03	0.610	ppm	1	3105.0	59.7	Freshwater Drum	ST MARY
010501	2686	Six Mile Lake east of Verdunville, Louisiana	09/02/03	0.340	ppm	1	2235.0	50.5	Freshwater Drum	ST MARY
010501	2686	Six Mile Lake east of Verdunville, Louisiana	09/02/03	0.280	ppm	6	420.8	29.8	Largemouth Bass	ST MARY
010501	2686	Six Mile Lake east of Verdunville, Louisiana	09/02/03	0.560	ppm	1	1180.0	42.5	Largemouth Bass	ST MARY
010501	2686	Six Mile Lake east of Verdunville, Louisiana	09/02/03	0.300	ppm	3	735.0	35.1	Largemouth Bass	ST MARY
010501	2686	Six Mile Lake east of Verdunville, Louisiana	09/02/03	0.340	ppm	2	912.5	37.1	Largemouth Bass	ST MARY
010501	2686	Six Mile Lake east of Verdunville, Louisiana	09/02/03	0.190	ppm	5	272.0	26.1	Spotted Bass	ST MARY
010501	2686	Six Mile Lake east of Verdunville, Louisiana	09/02/03	0.190	ppm	2	535.0	31.7	Spotted Bass	ST MARY
010501	2686	Six Mile Lake east of Verdunville, Louisiana	09/02/03	0.270	ppm	2	410.0	29.3	Spotted Bass	ST MARY
010501	2686	Six Mile Lake east of Verdunville, Louisiana	09/02/03	0.200	ppm	2	270.0	25.5	White Crappie	ST MARY

* Units listed in database as ng/g (ppb), however values do not appear significantly different from those reported from this site in ppm.

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Table D.1. LDEQ Fish Tissue Mercury Data.

APPENDIX E

Mercury Data for Upstream Inflow

Table E.1. Listing of water quality data for Atchafalaya River at Simmesport, Louisiana (Stations 0290 and 1196).

LDEQ Site No.	Date	Total Mercury		Units
0290	02/04/91	<	0.2	ug/L
0290	03/11/91		0.3	ug/L
0290	04/15/91		0.3	ug/L
0290	06/10/91	<	0.2	ug/L
0290	07/16/91	<	0.2	ug/L
0290	08/12/91	<	0.2	ug/L
0290	09/09/91	<	0.2	ug/L
0290	10/14/91	<	0.2	ug/L
0290	11/18/91	<	0.2	ug/L
0290	12/10/91	<	0.2	ug/L
0290	01/07/92	<	0.2	ug/L
0290	02/10/92	<	0.2	ug/L
0290	03/09/92	<	0.2	ug/L
0290	04/06/92	<	0.2	ug/L
0290	05/11/92	<	0.2	ug/L
0290	06/16/92	<	0.2	ug/L
0290	07/13/92	<	0.2	ug/L
0290	08/10/92	<	0.2	ug/L
0290	09/15/92	<	0.2	ug/L
0290	10/12/92	<	0.2	ug/L
0290	11/16/92	<	0.2	ug/L
0290	12/15/92	<	0.2	ug/L
0290	01/12/93	<	0.2	ug/L
0290	02/09/93	<	0.2	ug/L
0290	03/09/93	<	0.2	ug/L
0290	04/13/93		0.2	ug/L
0290	05/11/93	<	0.2	ug/L
0290	06/15/93	<	0.2	ug/L
0290	07/13/93	<	0.05	ug/L
0290	08/10/93		0.1	ug/L
0290	09/14/93		0.06	ug/L
0290	10/12/93		0.06	ug/L
0290	11/16/93	<	0.05	ug/L
0290	12/14/93		0.13	ug/L
0290	01/11/94	<	0.05	ug/L
0290	02/08/94	<	0.05	ug/L
0290	03/14/94	<	0.05	ug/L
0290	04/12/94	<	0.05	ug/L
0290	05/11/94		0.05	ug/L
0290	06/13/94	<	0.05	ug/L
0290	07/11/94	<	0.05	ug/L
0290	08/08/94	<	0.05	ug/L
0290	09/12/94	<	0.05	ug/L
0290	10/10/94	<	0.05	ug/L
0290	11/14/94	<	0.05	ug/L
0290	12/12/94	<	0.05	ug/L
0290	01/09/95		0.07	ug/L
0290	02/13/95	<	0.05	ug/L
0290	03/13/95	<	0.05	ug/L
0290	04/03/95		0.05	ug/L
0290	05/08/95		0.06	ug/L
0290	06/12/95		0.07	ug/L
0290	07/10/95	<	0.05	ug/L

LDEQ Site No.	Date	Total Mercury		Units
0290	08/14/95		0.11	ug/L
0290	09/11/95		0.06	ug/L
0290	10/09/95		0.05	ug/L
0290	11/14/95	<	0.05	ug/L
0290	12/11/95	<	0.05	ug/L
0290	01/09/96	<	0.05	ug/L
0290	02/13/96	<	0.05	ug/L
0290	03/12/96	<	0.05	ug/L
0290	04/08/96		0.05	ug/L
0290	04/09/96		0.05	ug/L
0290	05/14/96	<	0.05	ug/L
0290	06/11/96	<	0.05	ug/L
0290	07/09/96	<	0.05	ug/L
0290	08/13/96	<	0.05	ug/L
0290	09/10/96		0.05	ug/L
0290	10/14/96	<	0.05	ug/L
0290	11/19/96	<	0.05	ug/L
0290	12/10/96	<	0.05	ug/L
0290	01/07/97	<	0.05	ug/L
0290	02/18/97	<	0.05	ug/L
0290	03/11/97	<	0.05	ug/L
0290	04/15/97	<	0.05	ug/L
0290	05/13/97	<	0.05	ug/L
0290	06/10/97	<	0.05	ug/L
0290	07/15/97	<	0.05	ug/L
0290	08/12/97	<	0.05	ug/L
0290	09/09/97	<	0.05	ug/L
0290	10/14/97	<	0.05	ug/L
0290	11/18/97	<	0.05	ug/L
0290	12/08/97		0.06	ug/L
0290	01/13/98	<	0.05	ug/L
0290	02/10/98	<	0.05	ug/L
0290	03/10/98	<	0.05	ug/L
0290	04/13/98	<	0.05	ug/L
0290	05/11/98	<	0.05	ug/L
1196	01/08/02		0.00355	ug/L
1196	04/09/02		0.00333	ug/L
1196	07/16/02		0.00054	ug/L
1196	10/14/02		0.00107	ug/L
1196	03/01/05		0.00184	ug/L
1196	06/28/05		0.00058	ug/L
1196			0.00103	ug/L
Number of values			95	
Mean			0.095705	

R:\WP_FILES\2110-641\ATCHAFALAYA MERCURY TMDL\WORD FILES\APPENDICES\APPENDIX E - TRIBUTARY HG DATA\TABLE E-1.XLS

Table E.1. LDEQ water quality data for Stations 0290 and 1196.

APPENDIX F

Mercury Atmospheric Deposition Data

Station LA05				Station LA23				Station LA28			
Start Date	End Date	Mercury Deposition (ng/m2)	Sample Type*	Start Date	End Date	Mercury Deposition (ng/m2)	Sample Type*	Start Date	End Date	Mercury Deposition (ng/m2)	Sample Type*
1/3/2001 17:00	1/9/2001 18:40	62.54	W					1/2/2001 17:45	1/10/2001 15:30	32.21	W
1/9/2001 18:40	1/17/2001 19:45	261.19	W					1/10/2001 15:35	1/16/2001 15:00	252.18	W
1/17/2001 19:45	1/23/2001 16:00	517.16	W					1/16/2001 15:30	1/23/2001 15:30	191.73	W
1/23/2001 16:00	1/30/2001 15:50	86.62	W					1/23/2001 15:40	1/30/2001 21:30	123.99	W
1/30/2001 15:50	2/6/2001 15:20		D	2/1/2001 22:00	2/6/2001 16:10		D	1/30/2001 21:30	2/6/2001 19:15		D
2/6/2001 15:20	2/13/2001 15:15	21.06	W	2/6/2001 16:20	2/13/2001 19:00	59.36	W	2/6/2001 19:20	2/13/2001 21:00	196.60	W
2/13/2001 15:15	2/20/2001 15:15	31.99	W	2/13/2001 19:07	2/20/2001 18:03	210.68	W	2/13/2001 21:07	2/20/2001 20:00	45.55	W
2/20/2001 15:15	2/28/2001 15:45	38.18	W	2/20/2001 18:38	2/28/2001 20:12	853.29	W	2/20/2001 20:10	2/28/2001 14:20	361.15	W
2/28/2001 15:45	3/6/2001 15:10	435.27	W	2/28/2001 20:49	3/6/2001 20:30	552.45	W	2/28/2001 14:20	3/6/2001 19:05	539.85	W
3/6/2001 15:10	3/14/2001 14:00	116.36	W	3/6/2001 21:03	3/13/2001 17:38	369.77	W	3/6/2001 19:25	3/13/2001 15:40	315.74	W
3/14/2001 14:15	3/20/2001 19:15	302.94	W	3/13/2001 18:04	3/21/2001 18:01	477.71	W	3/13/2001 16:00	3/20/2001 16:39	453.82	W
3/20/2001 19:15	3/27/2001 19:15	11.51	W	3/21/2001 18:22	3/27/2001 17:28	60.63	W	3/20/2001 16:43	3/27/2001 15:29	63.11	W
3/27/2001 19:15	4/3/2001 16:00	276.75	W	3/27/2001 18:55	4/3/2001 18:06	47.11	W	3/27/2001 15:40	4/3/2001 19:00	196.04	W
4/3/2001 16:00	4/10/2001 19:30		D	4/3/2001 18:29	4/10/2001 16:38		D	4/3/2001 19:10	4/10/2001 15:50		D
4/10/2001 19:30	4/17/2001 19:05		D	4/10/2001 17:08	4/17/2001 20:45	114.09	W	4/10/2001 16:05	4/17/2001 15:05	207.80	W
4/17/2001 19:05	4/24/2001 18:15	324.16	W	4/17/2001 21:10	4/24/2001 19:20	265.41	W	4/17/2001 15:15	4/24/2001 22:20	151.30	W
4/24/2001 18:15	5/1/2001 19:16		D	4/24/2001 20:02	5/1/2001 18:27		D	4/24/2001 22:28	5/1/2001 15:15		D
5/1/2001 19:16	5/8/2001 19:15	295.80	W	5/1/2001 18:50	5/8/2001 18:10		W	5/1/2001 15:25	5/8/2001 15:45		D
5/8/2001 19:15	5/15/2001 19:15	478.33	W	5/8/2001 18:38	5/15/2001 18:34	88.47	W	5/8/2001 15:46	5/15/2001 16:30	1009.97	W
5/15/2001 19:15	5/22/2001 19:30	15.62	W	5/15/2001 19:00	5/22/2001 19:25		W	5/15/2001 16:33	5/22/2001 15:40	77.34	W
5/22/2001 19:30	5/29/2001 18:50	436.96	W	5/22/2001 20:10	5/29/2001 17:32	217.93	W	5/22/2001 15:55	5/29/2001 15:46	254.48	W
5/29/2001 18:50	6/6/2001 15:30	660.48	W	5/29/2001 17:57	6/5/2001 16:55		W	5/29/2001 15:47	6/5/2001 14:00	319.50	W
6/6/2001 15:30	6/14/2001 19:10	779.63	W	6/5/2001 17:27	6/12/2001 16:42	785.23	W	6/5/2001 14:10	6/12/2001 15:15	2074.78	W
6/14/2001 19:15	6/20/2001 14:35	141.34	W	6/12/2001 17:08	6/19/2001 17:17	268.22	W	6/12/2001 15:30	6/19/2001 14:20	128.23	W
6/20/2001 14:35	6/26/2001 20:25		W	6/19/2001 17:45	6/26/2001 18:55		W	6/19/2001 14:30	6/26/2001 15:02	102.70	W
6/26/2001 20:30	7/3/2001 20:00	245.05	W	6/26/2001 19:10	7/3/2001 17:22	933.53	W	6/26/2001 15:30	7/3/2001 15:00	311.20	W
7/3/2001 20:00	7/11/2001 20:30		D	7/3/2001 17:49	7/10/2001 16:12	552.97	W	7/3/2001 15:00	7/10/2001 19:07	323.73	W
7/11/2001 20:30	7/18/2001 19:45	24.14	W	7/10/2001 16:30	7/17/2001 16:28		D	7/10/2001 19:11	7/17/2001 14:40		W
7/18/2001 19:45	7/25/2001 14:50	70.41	W	7/17/2001 16:43	7/24/2001 16:22		D	7/17/2001 15:00	7/24/2001 14:40	194.39	W
7/25/2001 14:50	8/1/2001 15:25	1634.72	W	7/24/2001 16:22	7/31/2001 17:13		D	7/24/2001 14:45	7/31/2001 17:01	672.89	W
8/1/2001 15:25	8/8/2001 20:47	281.54	W	7/31/2001 17:13	8/7/2001 18:30	167.60	W	7/31/2001 17:05	8/7/2001 15:00	663.16	W
8/8/2001 20:47	8/14/2001 19:08	246.93	W	8/7/2001 18:45	8/14/2001 18:25	819.53	W	8/7/2001 15:10	8/14/2001 15:05	734.97	W
8/14/2001 19:08	8/21/2001 16:00		D	8/14/2001 18:36	8/21/2001 17:24	609.53	W	8/14/2001 15:30	8/21/2001 15:15	318.92	W
8/21/2001 16:00	8/28/2001 15:00	1593.03	W	8/21/2001 17:43	8/28/2001 18:45	11.23	W	8/21/2001 15:30	8/28/2001 16:40	120.00	W
8/28/2001 15:00	9/4/2001 14:45	2243.88	W	8/28/2001 19:00	9/4/2001 22:33	424.88	W	8/28/2001 16:40	9/4/2001 20:15	734.21	W
9/4/2001 14:45	9/11/2001 15:30	975.93	W	9/4/2001 22:47	9/11/2001 18:52	775.32	W	9/4/2001 20:16	9/11/2001 18:30	672.16	W
9/11/2001 15:30	9/18/2001 14:50	105.94	W	9/11/2001 19:08	9/18/2001 16:37		D	9/11/2001 18:30	9/18/2001 15:00		D
9/18/2001 15:55	9/25/2001 15:10	495.64	W	9/18/2001 16:59	9/27/2001 15:50	511.19	W	9/18/2001 15:00	9/25/2001 19:15	105.67	W
9/25/2001 15:25	10/2/2001 20:20		D	9/27/2001 16:03	10/2/2001 20:25		D	9/25/2001 19:20	10/2/2001 14:00		D
10/2/2001 20:20	10/9/2001 15:25	410.07	W	10/2/2001 20:39	10/9/2001 16:11	190.11	W	10/2/2001 14:30	10/9/2001 14:30	22.79	W
10/9/2001 15:35	10/16/2001 20:00	439.74	W	10/9/2001 16:40	10/16/2001 20:08	2178.86	W	10/9/2001 14:35	10/16/2001 15:10	661.27	W
10/16/2001 20:10	10/23/2001 15:00		D	10/16/2001 20:30	10/23/2001 22:40		D	10/16/2001 15:15	10/23/2001 18:30		D

Station LA05				Station LA23				Station LA28			
Start Date	End Date	Mercury Deposition (ng/m2)	Sample Type*	Start Date	End Date	Mercury Deposition (ng/m2)	Sample Type*	Start Date	End Date	Mercury Deposition (ng/m2)	Sample Type*
10/23/2001 15:10	10/30/2001 15:30		D	10/23/2001 22:45	11/2/2001 17:35	19.62	W	10/23/2001 18:30	10/30/2001 15:40		D
10/30/2001 15:30	11/6/2001 19:00		D	11/2/2001 17:48	11/6/2001 16:04		D	10/30/2001 15:45	11/6/2001 16:20		D
11/6/2001 19:00	11/13/2001 14:50		D	11/6/2001 16:47	11/13/2001 19:10		D	11/6/2001 16:30	11/13/2001 15:30		D
11/13/2001 15:05	11/20/2001 18:00		D	11/13/2001 19:10	11/20/2001 15:19		D	11/13/2001 15:35	11/20/2001 15:40	6.01	W
11/20/2001 18:20	11/27/2001 14:45	115.81	W	11/20/2001 15:35	11/27/2001 16:30	590.68	W	11/20/2001 15:40	11/27/2001 14:00	253.46	W
11/27/2001 15:00	12/5/2001 15:15	635.13	W	11/27/2001 17:40	12/4/2001 21:40	1375.46	W	11/27/2001 14:10	12/4/2001 16:16	195.65	W
12/5/2001 16:40	12/11/2001 17:25		D	12/4/2001 21:55	12/6/2001 16:20		D	12/4/2001 17:35	12/11/2001 15:35		D
				12/6/2001 17:47	12/11/2001 19:15	61.23	W				
12/11/2001 17:30	12/18/2001 16:20	796.54	W	12/11/2001 19:35	12/18/2001 21:45	661.41	W	12/11/2001 15:50	12/18/2001 17:25	665.73	W
12/18/2001 16:25	12/26/2001 15:30	408.98	W	12/18/2001 21:57	12/26/2001 17:20	269.96	W	12/18/2001 17:27	12/26/2001 16:00	167.47	W
12/26/2001 15:30	1/2/2002 15:30	93.02	W	12/26/2001 17:45	1/2/2002 21:50	49.08	W	12/26/2001 16:15	1/1/2002 18:45		W
1/2/2002 15:45	1/8/2002 7:30	110.03	W	1/2/2002 21:55	1/8/2002 20:25	68.59	W	1/1/2002 18:50	1/8/2002 19:46	371.69	W
1/8/2002 7:35	1/15/2002 18:50	127.35	W	1/8/2002 20:40	1/15/2002 19:32	84.45	W	1/8/2002 19:50	1/15/2002 15:30	66.90	W
1/15/2002 19:00	1/22/2002 19:15	147.70	W	1/15/2002 19:49	1/22/2002 18:30	223.80	W	1/15/2002 15:40	1/22/2002 15:30	85.35	W
1/22/2002 19:20	1/29/2002 16:45		W	1/22/2002 18:43	1/29/2002 21:07	422.64	W	1/22/2002 15:40	1/29/2002 15:55	186.48	W
1/29/2002 16:50	2/6/2002 19:30	336.66	W	1/29/2002 21:07	2/5/2002 19:00		W	1/29/2002 16:00	2/5/2002 14:00	129.57	W
2/6/2002 19:30	2/13/2002 15:20		D	2/5/2002 19:00	2/13/2002 17:02	212.18	W	2/5/2002 14:10	2/13/2002 14:05	254.74	W
2/13/2002 15:30	2/19/2002 14:40		D	2/13/2002 17:07	2/18/2002 21:33		D	2/13/2002 14:15	2/19/2002 14:30		D
2/19/2002 14:40	2/26/2002 19:35	353.90	W	2/18/2002 21:40	2/26/2002 19:57	248.06	W	2/19/2002 15:00	2/26/2002 17:10	129.26	W
2/26/2002 19:35	3/5/2002 17:00	272.07	W	2/26/2002 20:10	3/5/2002 18:33	209.46	W	2/26/2002 17:25	3/5/2002 15:30	264.88	W
3/5/2002 17:05	3/12/2002 18:25	91.45	W	3/5/2002 18:45	3/12/2002 16:39	379.12	W	3/5/2002 15:30	3/12/2002 15:45	768.76	W
3/12/2002 18:25	3/19/2002 14:45		D	3/12/2002 16:50	3/18/2002 18:25	78.65	W	3/12/2002 15:50	3/19/2002 14:45		D
3/19/2002 14:50	3/26/2002 16:00	167.48	W	3/18/2002 18:33	3/26/2002 19:15	632.74	W	3/19/2002 15:00	3/26/2002 16:25	735.82	W
3/26/2002 16:00	4/2/2002 14:00	432.89	W	3/26/2002 19:33	4/2/2002 15:25	483.87	W	3/26/2002 16:30	4/2/2002 15:20		W
4/2/2002 14:05	4/9/2002 16:25	552.02	W	4/2/2002 15:51	4/9/2002 19:55	466.87	W	4/2/2002 15:30	4/9/2002 15:00	427.95	W
4/9/2002 16:30	4/16/2002 14:10		D	4/9/2002 20:10	4/16/2002 18:07		D	4/9/2002 15:30	4/16/2002 16:55	28.02	W
4/16/2002 14:15	4/23/2002 15:50		D	4/16/2002 18:17	4/23/2002 17:20	16.41	W	4/16/2002 17:00	4/23/2002 15:30		D
4/23/2002 15:50	4/30/2002 18:25		D	4/23/2002 17:38	4/30/2002 16:45		W	4/23/2002 15:45	4/30/2002 15:30		D
4/30/2002 18:30	5/7/2002 18:20		D	4/30/2002 17:15	5/7/2002 18:38		D	4/30/2002 15:40	5/7/2002 16:30		D
5/7/2002 18:35	5/14/2002 20:00		D	5/7/2002 18:57	5/14/2002 18:20	119.35	W	5/7/2002 17:00	5/14/2002 14:25		D
5/14/2002 20:10	5/21/2002 19:45	131.94	W	5/14/2002 18:29	5/21/2002 18:08		W	5/14/2002 14:40	5/21/2002 15:55	167.45	W
5/21/2002 19:45	5/28/2002 14:30	383.70	W	5/21/2002 18:23	5/28/2002 17:23	187.52	W	5/21/2002 16:10	5/28/2002 16:07		D
5/28/2002 14:40	6/5/2002 15:10	157.24	W	5/28/2002 17:52	6/4/2002 16:43	47.67	W	5/28/2002 16:25	6/4/2002 14:32		W
6/5/2002 15:15	6/11/2002 14:05	475.58	W	6/4/2002 17:05	6/11/2002 16:48	257.72	W	6/4/2002 14:42	6/11/2002 19:18	403.99	W
6/11/2002 14:10	6/18/2002 15:00	51.71	W	6/11/2002 17:10	6/19/2002 19:30	61.02	W	6/11/2002 19:30	6/18/2002 15:10	56.39	W
6/18/2002 15:00	6/25/2002 19:20	80.21	W	6/19/2002 19:30	6/25/2002 18:07		W	6/18/2002 15:20	6/25/2002 15:30	902.33	W
6/25/2002 19:30	7/2/2002 15:15		W	6/25/2002 18:07	7/1/2002 16:20	691.04	W	6/25/2002 15:35	7/2/2002 15:34	902.53	W
7/2/2002 15:20	7/9/2002 14:10		W	7/1/2002 16:30	7/9/2002 15:35	72.91	W	7/2/2002 16:00	7/9/2002 15:40	565.33	W
7/9/2002 14:20	7/16/2002 19:15	744.14	W	7/9/2002 15:52	7/16/2002 15:45	302.95	W	7/9/2002 16:00	7/16/2002 15:05	993.84	W
7/16/2002 19:30	7/23/2002 19:15	37.19	W	7/16/2002 16:07	7/24/2002 16:30	857.05	W	7/16/2002 15:10	7/23/2002 16:25		W
7/23/2002 19:20	7/30/2002 14:30		W	7/24/2002 17:00	7/30/2002 17:00	337.40	W	7/23/2002 16:30	7/30/2002 14:35	60.47	W
7/30/2002 14:35	8/6/2002 21:40		W	7/30/2002 17:22	8/6/2002 17:25	113.71	W	7/30/2002 15:00	8/5/2002 22:45		W

Station LA05				Station LA23				Station LA28			
Start Date	End Date	Mercury Deposition (ng/m2)	Sample Type*	Start Date	End Date	Mercury Deposition (ng/m2)	Sample Type*	Start Date	End Date	Mercury Deposition (ng/m2)	Sample Type*
8/6/2002 22:00	8/13/2002 14:50		W	8/6/2002 17:47	8/13/2002 16:45		W	8/5/2002 22:45	8/13/2002 15:00	414.22	W
8/13/2002 15:15	8/20/2002 14:15		W	8/13/2002 16:45	8/21/2002 16:51	722.39	W	8/13/2002 15:00	8/20/2002 18:30	307.29	W
8/20/2002 15:00	8/27/2002 18:40		W	8/21/2002 17:07	8/27/2002 16:20	190.25	W	8/20/2002 19:00	8/27/2002 20:15	25.28	W
8/27/2002 18:45	9/3/2002 17:15		W	8/27/2002 16:50	9/3/2002 18:27		D	8/27/2002 20:20	9/4/2002 16:10	34.59	W
9/3/2002 17:25	9/10/2002 15:00		W	9/3/2002 18:36	9/10/2002 17:20	113.38	W	9/4/2002 16:30	9/11/2002 15:20		W
9/10/2002 15:10	9/17/2002 14:35	123.14	W	9/10/2002 17:48	9/17/2002 15:40	9.63	W	9/11/2002 15:30	9/17/2002 15:00	225.35	W
9/17/2002 14:50	9/24/2002 14:45	558.97	W	9/17/2002 16:02	9/24/2002 18:25	1081.97	W	9/17/2002 15:15	9/24/2002 15:35	230.26	W
9/24/2002 14:45	10/1/2002 15:00	5.23	W	9/24/2002 18:44	10/1/2002 17:58	29.17	W	9/24/2002 15:40	9/26/2002 19:20	361.43	W
								9/26/2002 19:40	10/1/2002 17:00		T
10/1/2002 15:00	10/8/2002 15:30		W	10/1/2002 18:12	10/9/2002 16:40		W	10/1/2002 17:15	10/4/2002 16:00		W
								10/4/2002 16:15	10/9/2002 15:25	60.42	W
10/8/2002 15:30	10/15/2002 19:30	544.90	W	10/9/2002 17:07	10/15/2002 19:42	166.46	W	10/9/2002 15:30	10/15/2002 15:10	307.26	W
10/15/2002 19:30	10/22/2002 20:00		W	10/15/2002 19:55	10/23/2002 17:42	216.63	W	10/15/2002 15:20	10/22/2002 14:30		D
10/22/2002 20:05	10/29/2002 19:00		W	10/23/2002 18:03	10/29/2002 16:45	1055.03	W	10/22/2002 14:45	10/29/2002 19:20		W
10/29/2002 19:00	11/6/2002 15:20	399.59	W	10/29/2002 16:47	11/6/2002 17:07	661.09	W	10/29/2002 19:40	11/6/2002 18:00		W
11/6/2002 15:20	11/12/2002 19:00	15.24	W	11/6/2002 17:34	11/12/2002 17:00		W	11/6/2002 18:20	11/12/2002 17:30	590.13	W
11/12/2002 19:00	11/19/2002 15:00	65.69	W	11/12/2002 17:07	11/20/2002 17:19	61.97	W	11/12/2002 17:50	11/19/2002 15:15	54.06	W
11/19/2002 15:10	11/26/2002 14:15		T	11/20/2002 17:40	11/25/2002 19:15		D	11/19/2002 15:25	11/26/2002 15:50	124.31	W
11/26/2002 14:25	12/2/2002 20:15	11.51	W	11/25/2002 19:30	12/3/2002 14:22	40.24	W	11/26/2002 16:00	12/3/2002 16:30	119.90	W
12/2/2002 20:20	12/10/2002 19:30	1011.20	W	12/3/2002 14:40	12/10/2002 20:45	565.80	W	12/3/2002 16:50	12/10/2002 18:00	452.49	W
12/10/2002 19:45	12/17/2002 15:00	166.12	W	12/10/2002 20:45	12/17/2002 20:10	143.68	W	12/10/2002 18:15	12/17/2002 19:35	70.58	W
12/17/2002 15:10	12/24/2002 14:00	122.69	W	12/17/2002 20:15	12/24/2002 20:37	344.33	W	12/17/2002 19:50	12/24/2002 15:00		W
12/24/2002 14:10	12/31/2002 15:00	353.19	W	12/24/2002 20:47	12/30/2002 19:58		T	12/24/2002 15:10	12/31/2002 15:20	85.76	W
12/31/2002 15:10	1/7/2003 19:15	20.18	W	12/30/2002 20:12	1/7/2003 21:15	419.01	W	12/31/2002 15:30	1/7/2003 15:27	6.07	W
1/7/2003 19:25	1/14/2003 15:15	47.95	W	1/7/2003 21:24	1/14/2003 20:10	27.19	W	1/7/2003 15:30	1/14/2003 16:05		W
1/14/2003 15:30	1/21/2003 19:00		T	1/14/2003 20:15	1/21/2003 20:25		T	1/14/2003 16:20	1/21/2003 15:30		D
1/21/2003 19:10	1/28/2003 16:40	155.22	W	1/21/2003 20:25	1/28/2003 20:50	140.28	W	1/21/2003 15:40	1/28/2003 17:10	56.85	W
1/28/2003 16:45	2/4/2003 17:00	68.29	W	1/28/2003 20:55	2/4/2003 16:55		W	1/28/2003 17:15	2/4/2003 18:00	24.09	W
2/4/2003 17:00	2/11/2003 17:00	282.62	W	2/4/2003 17:05	2/11/2003 20:13	234.48	W	2/4/2003 18:15	2/11/2003 16:25	191.32	W
2/11/2003 17:10	2/18/2003 15:30	275.44	W	2/11/2003 20:15	2/18/2003 20:55	410.26	W	2/11/2003 16:40	2/18/2003 16:25	161.32	W
2/18/2003 15:40	2/25/2003 18:50	684.52	W	2/18/2003 20:55	2/25/2003 18:15		W	2/18/2003 16:50	2/25/2003 15:00	1066.24	W
2/25/2003 18:55	3/5/2003 20:10	122.51	W	2/25/2003 18:45	3/5/2003 15:15	157.83	W	2/25/2003 15:10	3/5/2003 15:50	169.56	W
3/5/2003 20:15	3/11/2003 16:00		D	3/5/2003 15:20	3/11/2003 17:55	36.64	W	3/5/2003 16:05	3/11/2003 15:55	567.76	W
3/11/2003 16:15	3/18/2003 19:30	594.89	W	3/11/2003 18:00	3/18/2003 17:40	255.21	W	3/11/2003 16:10	3/18/2003 15:20	307.62	W
3/18/2003 19:40	3/25/2003 15:35		T	3/18/2003 17:45	3/25/2003 21:35	333.83	W	3/18/2003 15:30	3/24/2003 22:35	100.25	W
3/25/2003 15:40	4/1/2003 14:30	129.97	W	3/25/2003 21:35	4/1/2003 21:30	277.63	W	3/24/2003 22:50	4/1/2003 16:00	125.26	W
4/1/2003 14:40	4/8/2003 18:05	236.17	W	4/1/2003 21:30	4/8/2003 22:12	273.32	W	4/1/2003 16:05	4/9/2003 15:00	1887.11	W
4/8/2003 18:10	4/15/2003 19:00		T	4/8/2003 22:25	4/15/2003 20:30		T	4/9/2003 15:05	4/15/2003 17:40		D
4/15/2003 19:00	4/22/2003 14:45	165.82	W	4/15/2003 20:45	4/22/2003 20:20		T	4/15/2003 18:00	4/22/2003 16:30	212.75	W
4/22/2003 14:45	4/29/2003 15:00	167.15	W	4/22/2003 20:20	4/29/2003 20:00	14.45	W	4/22/2003 16:45	4/30/2003 15:05	37.42	W
4/29/2003 15:00	5/6/2003 14:45		T	4/29/2003 20:00	5/5/2003 21:30		W	4/30/2003 15:15	5/6/2003 15:55		T
5/6/2003 14:45	5/13/2003 15:00		T	5/5/2003 21:30	5/12/2003 21:20		T	5/6/2003 16:30	5/14/2003 15:10	46.46	W

Station LA05				Station LA23				Station LA28			
Start Date	End Date	Mercury Deposition (ng/m2)	Sample Type*	Start Date	End Date	Mercury Deposition (ng/m2)	Sample Type*	Start Date	End Date	Mercury Deposition (ng/m2)	Sample Type*
5/13/2003 15:10	5/20/2003 16:30	30.40	W	5/12/2003 21:35	5/20/2003 16:20	553.32	W	5/14/2003 15:15	5/20/2003 16:15	8.61	W
5/20/2003 16:40	5/27/2003 14:30	204.19	W	5/20/2003 16:50	5/27/2003 20:40	68.27	W	5/20/2003 16:25	5/27/2003 18:35		T
5/27/2003 14:40	6/3/2003 15:45	27.96	W	5/27/2003 20:45	6/2/2003 21:00		T	5/27/2003 18:45	6/3/2003 16:00	545.75	W
6/3/2003 15:45	6/10/2003 14:35	485.77	W	6/2/2003 21:08	6/10/2003 17:00	217.57	W	6/3/2003 16:15	6/10/2003 17:00	190.42	W
6/10/2003 14:40	6/17/2003 14:40	841.85	W	6/10/2003 17:00	6/17/2003 16:45	2223.60	W	6/10/2003 17:05	6/17/2003 15:30	2747.53	W
6/17/2003 14:50	6/24/2003 14:20	341.33	W	6/17/2003 16:45	6/24/2003 15:05	54.34	W	6/17/2003 15:45	6/24/2003 16:05	438.37	W
6/24/2003 14:20	7/1/2003 14:30		W	6/24/2003 15:05	7/1/2003 16:45	613.70	W	6/24/2003 16:20	6/30/2003 21:00	449.71	W
								6/30/2003 21:00	7/1/2003 19:45	62.27	W
7/1/2003 14:30	7/8/2003 15:10		W	7/1/2003 16:45	7/7/2003 19:00	441.39	W	7/1/2003 19:45	7/8/2003 16:55	1117.96	W
7/8/2003 15:10	7/15/2003 15:00	316.92	W	7/7/2003 19:00	7/15/2003 21:21	84.48	W	7/8/2003 17:00	7/15/2003 16:33	507.88	W
7/15/2003 15:00	7/22/2003 14:50	70.68	W	7/15/2003 21:21	7/22/2003 20:00	505.76	W	7/15/2003 16:33	7/22/2003 17:13	1159.72	W
7/22/2003 15:00	7/29/2003 14:45	837.65	W	7/22/2003 20:00	7/29/2003 21:30		D	7/22/2003 17:17	7/29/2003 16:37		W
7/29/2003 14:45	8/5/2003 14:45	36.71	W	7/29/2003 21:30	8/4/2003 22:30		T	7/29/2003 16:47	8/5/2003 17:21		W
8/5/2003 14:45	8/12/2003 14:45		W	8/4/2003 22:30	8/12/2003 21:00	203.96	W	8/5/2003 17:30	8/11/2003 22:05	144.41	W
8/12/2003 14:45	8/19/2003 15:10	24.37	W	8/12/2003 21:00	8/19/2003 16:45		W	8/11/2003 22:10	8/19/2003 20:20		W
8/19/2003 15:10	8/26/2003 14:45	273.88	W	8/19/2003 16:45	8/26/2003 22:10	262.71	W	8/19/2003 20:45	8/26/2003 15:00		T
8/26/2003 15:45	9/2/2003 14:30	459.49	W	8/26/2003 22:10	9/2/2003 15:15	731.89	W	8/26/2003 15:05	9/2/2003 19:40	517.17	W
9/2/2003 14:30	9/9/2003 18:30	462.40	W	9/2/2003 15:15	9/9/2003 16:15	444.79	W	9/2/2003 19:53	9/9/2003 18:40	265.40	W
9/9/2003 18:30	9/16/2003 14:45	2024.18	W	9/9/2003 16:15	9/16/2003 15:00	241.67	W	9/9/2003 18:50	9/16/2003 16:00	130.79	W
9/16/2003 14:45	9/23/2003 17:00	454.75	W	9/16/2003 15:00	9/24/2003 0:00	147.14	W	9/16/2003 16:10	9/23/2003 17:20	270.12	W
9/23/2003 17:00	9/30/2003 19:00		T	9/24/2003 0:00	9/30/2003 18:05		T	9/23/2003 17:30	9/30/2003 16:30	173.08	W
9/30/2003 19:00	10/7/2003 17:25	65.98	W	9/30/2003 18:30	10/7/2003 16:45		T	9/30/2003 16:45	10/7/2003 16:05		T
10/7/2003 17:25	10/14/2003 18:45	289.77	W	10/7/2003 16:45	10/14/2003 19:45	213.81	W	10/7/2003 16:15	10/14/2003 17:05	424.09	W
10/14/2003 18:45	10/21/2003 16:25		T	10/14/2003 19:45	10/21/2003 15:45		T	10/14/2003 17:20	10/21/2003 17:45	11.14	W
10/21/2003 16:25	10/28/2003 17:20	47.80	W	10/21/2003 15:45	10/28/2003 21:30		W	10/21/2003 18:05	10/28/2003 17:36	23.29	W
10/28/2003 17:50	11/4/2003 17:30		T	10/28/2003 21:30	11/3/2003 20:40		T	10/28/2003 17:47	11/4/2003 18:34		T
11/4/2003 17:30	11/12/2003 14:45		T	11/3/2003 20:40	11/10/2003 20:30		T	11/4/2003 18:45	11/12/2003 17:40		T
11/12/2003 14:45	11/18/2003 18:15	256.49	W	11/10/2003 20:30	11/18/2003 19:45	1019.34	W	11/12/2003 18:00	11/18/2003 21:10	196.74	W
11/18/2003 18:30	11/25/2003 16:00	56.57	W	11/18/2003 19:45	11/25/2003 15:00	133.98	W	11/18/2003 21:20	11/25/2003 15:20	153.03	W
11/25/2003 16:30	12/2/2003 16:15	308.39	W	11/25/2003 15:00	12/1/2003 19:40	688.70	W	11/25/2003 15:35	12/2/2003 18:15	785.24	W
12/2/2003 16:20	12/9/2003 14:40		D	12/1/2003 19:40	12/9/2003 18:10		T	12/2/2003 18:25	12/9/2003 18:15		D
12/9/2003 14:40	12/16/2003 17:20	253.72	W	12/9/2003 18:10	12/16/2003 17:00	168.95	W	12/9/2003 18:25	12/16/2003 18:30	200.83	W
12/16/2003 17:20	12/30/2003 18:30		W	12/16/2003 17:00	12/23/2003 21:20	144.95	W	12/16/2003 18:45	12/23/2003 18:55	87.27	W
12/30/2003 18:30	1/6/2004 18:30	388.96	W	12/23/2003 21:20	12/30/2003 20:20	372.22	W	12/23/2003 20:00	12/30/2003 18:40	131.39	W
1/6/2004 18:30	1/13/2004 17:00	80.63	W	12/30/2003 20:20	1/6/2004 20:10	31.75	W	12/30/2003 18:49	1/6/2004 18:45	229.26	W
				1/6/2004 20:10	1/13/2004 15:20	115.42	W	1/6/2004 19:00	1/13/2004 15:07		W
1/13/2004 17:00	1/20/2004 20:10	452.96	W	1/13/2004 15:20	1/20/2004 19:00	276.64	W	1/13/2004 15:20	1/20/2004 18:40	72.71	W
1/20/2004 20:10	1/27/2004 18:45	209.81	W	1/20/2004 19:00	1/27/2004 17:15	122.25	W	1/20/2004 18:50	1/27/2004 19:10	8.24	W
1/27/2004 18:45	2/3/2004 18:25	555.61	W	1/27/2004 17:15	2/3/2004 17:15	171.32	W	1/27/2004 19:25	2/3/2004 18:45	284.89	W
2/3/2004 18:25	2/9/2004 18:15	337.14	W	2/3/2004 17:15	2/10/2004 21:20	464.74	W	2/3/2004 19:00	2/9/2004 20:45	531.20	W
2/9/2004 18:15	2/17/2004 20:00	905.30	W	2/10/2004 21:25	2/17/2004 20:40	645.88	W	2/9/2004 21:00	2/17/2004 19:00	656.94	W
2/17/2004 20:00	2/23/2004 20:00	123.65	W	2/17/2004 20:40	2/23/2004 19:30		W	2/17/2004 19:15	2/25/2004 17:55	1155.95	W

Station LA05				Station LA23				Station LA28			
Start Date	End Date	Mercury Deposition (ng/m2)	Sample Type*	Start Date	End Date	Mercury Deposition (ng/m2)	Sample Type*	Start Date	End Date	Mercury Deposition (ng/m2)	Sample Type*
2/23/2004 20:00	3/2/2004 18:40	114.70	W	2/23/2004 19:30	3/2/2004 15:30	169.77	W	2/25/2004 18:15	3/2/2004 18:30	4.38	W
3/2/2004 18:40	3/9/2004 21:15	47.93	W	3/2/2004 15:50	3/9/2004 20:15	19.03	W	3/2/2004 18:45	3/9/2004 17:15	62.11	W
3/9/2004 21:15	3/16/2004 19:15	178.62	W	3/9/2004 20:15	3/16/2004 19:00	69.12	W	3/9/2004 17:30	3/15/2004 19:37	71.42	W
3/16/2004 19:15	3/19/2004 14:35		T	3/16/2004 19:00	3/18/2004 16:00		D	3/15/2004 20:25	3/22/2004 14:30	196.79	W
3/19/2004 17:00	3/23/2004 17:00		T	3/18/2004 16:00	3/23/2004 21:30		D				
3/23/2004 17:00	3/30/2004 14:30		W	3/23/2004 21:35	3/30/2004 21:40	99.37	W	3/22/2004 15:15	3/30/2004 17:58	102.92	W
3/30/2004 14:30	4/6/2004 20:00		T	3/30/2004 21:40	4/6/2004 16:00		D	3/30/2004 18:15	4/6/2004 20:10		D
4/6/2004 20:00	4/13/2004 19:30	452.83	W	4/6/2004 16:00	4/13/2004 19:40	648.90	W	4/6/2004 20:20	4/14/2004 14:00	637.49	W
4/13/2004 19:30	4/21/2004 15:30		D	4/13/2004 19:40	4/20/2004 19:30		T	4/14/2004 14:15	4/21/2004 18:30		T
4/21/2004 15:30	4/27/2004 15:00	271.83	W	4/20/2004 19:30	4/27/2004 17:00	173.42	W	4/21/2004 18:47	4/27/2004 21:03	198.94	W
4/27/2004 15:00	5/4/2004 18:30	1391.63	W	4/27/2004 17:00	5/4/2004 20:15	880.71	W	4/27/2004 21:14	5/4/2004 18:50	1020.29	W
5/4/2004 18:30	5/11/2004 19:00		W	5/4/2004 20:15	5/11/2004 16:00		T	5/4/2004 19:00	5/11/2004 17:30		T
5/11/2004 19:00	5/18/2004 18:15	2744.15	W	5/11/2004 16:00	5/18/2004 17:05	1823.41	W	5/11/2004 17:30	5/18/2004 18:48	2426.76	W
5/18/2004 18:15	5/25/2004 14:25	812.12	W	5/18/2004 17:05	5/25/2004 21:32		T	5/18/2004 19:01	5/25/2004 17:53	214.18	W
5/25/2004 14:25	6/1/2004 15:15		T	5/25/2004 21:32	6/1/2004 15:50	218.60	W	5/25/2004 18:10	6/1/2004 18:45	604.21	W
6/1/2004 15:15	6/8/2004 14:40	775.59	W	6/1/2004 16:15	6/8/2004 18:40	743.16	W	6/1/2004 18:55	6/8/2004 18:47		W
6/8/2004 14:40	6/15/2004 14:15	190.68	W	6/8/2004 18:40	6/15/2004 15:50	1199.76	W	6/8/2004 19:15	6/14/2004 18:45	122.45	W
6/15/2004 14:15	6/22/2004 14:00	1222.90	W	6/15/2004 15:50	6/22/2004 15:00	1128.17	W	6/14/2004 18:55	6/22/2004 17:45	326.45	W
6/22/2004 14:00	6/29/2004 15:00	1294.97	W	6/22/2004 15:00	6/29/2004 14:00	1142.76	W	6/22/2004 17:55	6/29/2004 20:28		W
6/29/2004 15:00	7/7/2004 14:45	78.65	W	6/29/2004 14:00	7/6/2004 15:50	608.21	W	6/29/2004 20:35	7/6/2004 19:40		W
7/7/2004 14:45	7/13/2004 14:45	1203.35	W	7/6/2004 16:11	7/13/2004 20:30	704.41	W	7/6/2004 19:53	7/13/2004 19:30		W
7/13/2004 14:45	7/20/2004 19:15		D	7/13/2004 20:30	7/20/2004 20:45	79.31	W	7/13/2004 19:47	7/20/2004 15:10	338.96	W
7/20/2004 19:15	7/27/2004 15:00	782.99	W	7/20/2004 20:45	7/27/2004 14:50	944.31	W	7/20/2004 15:27	7/27/2004 18:45		W
7/27/2004 15:00	8/3/2004 19:30	593.64	W	7/27/2004 14:50	8/3/2004 22:00	293.60	W	7/27/2004 18:53	8/3/2004 19:07	396.43	W
8/3/2004 19:30	8/10/2004 14:30	628.78	W	8/3/2004 22:00	8/10/2004 16:00		D	8/3/2004 19:17	8/10/2004 20:40	341.87	W
8/10/2004 14:30	8/16/2004 19:00	42.44	W	8/10/2004 16:00	8/17/2004 15:50		D	8/10/2004 20:50	8/16/2004 19:10	123.28	W
8/16/2004 19:00	8/24/2004 15:15	614.11	W	8/17/2004 15:50	8/24/2004 15:35	645.63	W	8/16/2004 19:20	8/24/2004 18:53		W
8/24/2004 15:15	8/31/2004 15:00	108.63	W	8/24/2004 15:35	8/31/2004 17:50		D	8/24/2004 19:10	8/31/2004 17:00		W
8/31/2004 15:00	9/7/2004 16:50	34.55	W	8/31/2004 17:50	9/7/2004 17:35		D	8/31/2004 17:05	9/7/2004 20:35	584.25	W
9/7/2004 16:50	9/14/2004 19:45	87.05	W	9/7/2004 17:35	9/14/2004 19:05		D	9/7/2004 20:45	9/14/2004 18:00	911.53	W
9/14/2004 19:45	9/22/2004 15:45		D	9/14/2004 19:05	9/21/2004 15:00		D	9/14/2004 18:10	9/21/2004 18:45	126.15	W
9/22/2004 15:45	9/28/2004 20:15	445.50	W	9/21/2004 15:00	9/28/2004 16:38		W	9/21/2004 19:10	9/28/2004 18:20	37.89	W
9/28/2004 20:15	10/5/2004 16:30	135.45	W	9/28/2004 16:38	10/5/2004 17:20	81.82	W	9/28/2004 18:35	10/5/2004 19:33	543.82	W
10/5/2004 16:30	10/12/2004 15:30	92.10	W	10/5/2004 17:35	10/12/2004 16:37	346.83	W	10/5/2004 19:45	10/12/2004 17:35	895.55	W
10/12/2004 15:30	10/19/2004 18:00	124.92	W	10/12/2004 16:55	10/19/2004 16:00		W	10/12/2004 18:00	10/19/2004 16:52	63.46	W
10/19/2004 18:00	10/26/2004 14:45	1.73	W	10/19/2004 16:00	10/26/2004 16:00	279.70	W	10/19/2004 17:05	10/26/2004 17:54	140.23	W
10/26/2004 14:45	11/3/2004 15:15	497.06	W	10/26/2004 16:00	11/3/2004 15:20	628.21	W	10/26/2004 18:07	11/1/2004 17:35	102.03	W
11/3/2004 15:15	11/9/2004 14:45		D	11/3/2004 15:20	11/9/2004 16:00		D	11/1/2004 17:45	11/9/2004 15:43	700.90	W
11/9/2004 14:45	11/16/2004 20:00	34.71	W	11/9/2004 16:00	11/16/2004 15:30		D	11/9/2004 16:05	11/16/2004 18:37	130.86	W
11/16/2004 20:00	11/22/2004 19:45	298.46	W	11/16/2004 15:30	11/23/2004 16:45	1144.04	W	11/16/2004 18:57	11/23/2004 15:48	373.96	W
11/22/2004 19:45	11/29/2004 18:30	419.82	W	11/23/2004 16:45	11/30/2004 22:15	472.46	W	11/23/2004 15:55	11/30/2004 17:00	535.40	W
11/29/2004 18:30	12/7/2004 20:00	174.04	W	11/30/2004 22:15	12/10/2004 15:58	923.81	W	11/30/2004 17:05	12/7/2004 21:10	440.39	W

Station LA05				Station LA23				Station LA28			
Start Date	End Date	Mercury Deposition (ng/m2)	Sample Type*	Start Date	End Date	Mercury Deposition (ng/m2)	Sample Type*	Start Date	End Date	Mercury Deposition (ng/m2)	Sample Type*
12/7/2004 20:00	12/14/2004 18:45	435.90	W	12/10/2004 16:10	12/14/2004 21:10		D	12/7/2004 21:25	12/13/2004 21:10	300.08	W
12/14/2004 18:45	12/21/2004 19:15	37.27	W	12/14/2004 21:25	12/21/2004 21:47		D	12/13/2004 21:30	12/21/2004 18:30		D
12/21/2004 19:15	12/28/2004 20:30	150.65	W	12/21/2004 21:55	12/28/2004 21:10	186.68	W	12/21/2004 18:50	12/28/2004 18:10	223.78	W
12/28/2004 20:30	1/4/2005 17:10	185.31	W	12/28/2004 21:22	1/5/2005 16:20	13.97	W	12/28/2004 18:25	1/4/2005 18:30		D
1/4/2005 17:10	1/11/2005 20:00	179.13	W	1/5/2005 16:20	1/11/2005 21:00	181.05	W	1/4/2005 18:40	1/12/2005 18:05	119.73	W
1/11/2005 20:00	1/18/2005 19:30	453.90	W	1/11/2005 21:00	1/18/2005 21:50	280.28	W	1/12/2005 18:15	1/18/2005 17:55	557.11	W
1/18/2005 19:30	1/25/2005 14:40		D	1/18/2005 21:50	1/25/2005 19:15		D	1/18/2005 18:15	1/26/2005 18:10	4.53	W
1/25/2005 15:00	2/1/2005 20:30	520.43	W	1/25/2005 19:15	2/1/2005 15:15		W	1/26/2005 19:00	2/1/2005 16:15	247.85	W
2/1/2005 20:30	2/7/2005 15:00	98.83	W	2/1/2005 15:15	2/9/2005 16:20	408.94	W	2/1/2005 16:25	2/7/2005 21:33	100.33	W
2/7/2005 15:00	2/15/2005 19:30	438.10	W	2/9/2005 16:20	2/15/2005 20:00	188.70	W	2/7/2005 21:53	2/15/2005 16:19	302.12	W
2/15/2005 19:30	2/22/2005 16:25		D	2/15/2005 20:00	2/22/2005 14:00		D	2/15/2005 16:30	2/22/2005 17:30		D
2/22/2005 16:25	3/1/2005 18:30	443.24	W	2/22/2005 14:00	3/1/2005 15:20	239.76	W	2/22/2005 17:37	3/1/2005 17:00	358.60	W
3/1/2005 18:30	3/8/2005 17:30	164.33	W	3/1/2005 15:20	3/10/2005 20:00	144.91	W	3/1/2005 17:12	3/8/2005 17:27	113.66	W
3/8/2005 17:30	3/14/2005 20:30		D	3/10/2005 20:00	3/15/2005 20:42	129.30	W	3/8/2005 17:35	3/14/2005 21:35	16.25	W
3/14/2005 20:30	3/21/2005 18:40	501.34	W	3/15/2005 20:42	3/23/2005 0:15	302.62	W	3/14/2005 21:47	3/22/2005 17:56	374.45	W
3/21/2005 18:40	3/29/2005 14:50	147.68	W	3/23/2005 0:15	3/29/2005 20:43		W	3/22/2005 18:12	3/29/2005 16:09		D
3/29/2005 14:50	4/5/2005 15:20		D	3/29/2005 20:43	4/5/2005 22:30	88.44	W	3/29/2005 16:30	4/5/2005 18:30	371.86	W
4/5/2005 15:20	4/12/2005 8:45	51.83	W	4/5/2005 22:30	4/12/2005 18:33	83.50	W	4/5/2005 19:00	4/12/2005 14:38	456.13	W
4/12/2005 20:45	4/19/2005 17:20		D	4/12/2005 18:33	4/19/2005 14:45		D	4/12/2005 14:47	4/19/2005 16:03		W
4/19/2005 17:20	4/26/2005 14:35	138.58	W	4/19/2005 15:00	4/27/2005 13:51	150.76	W	4/19/2005 16:15	4/26/2005 16:45	130.44	W
4/26/2005 14:35	5/3/2005 16:25		D	4/27/2005 13:51	5/3/2005 16:50		D	4/26/2005 17:00	5/3/2005 17:10	189.97	W
5/3/2005 16:25	5/10/2005 15:15	332.00	W	5/3/2005 16:50	5/10/2005 16:20		D	5/3/2005 17:20	5/10/2005 19:03	37.10	W
5/10/2005 15:15	5/17/2005 15:15	33.18	W	5/10/2005 16:20	5/17/2005 17:00		D	5/10/2005 19:15	5/17/2005 17:23	158.63	W
5/17/2005 15:15	5/25/2005 16:00		D	5/17/2005 17:00	5/24/2005 16:00		D	5/17/2005 17:33	5/24/2005 20:40		D
5/25/2005 16:00	5/31/2005 17:00	773.03	W	5/24/2005 16:00	5/31/2005 15:42	215.49	W	5/24/2005 21:04	5/31/2005 18:00	721.28	W
5/31/2005 17:00	6/7/2005 15:30	103.88	W	5/31/2005 15:42	6/7/2005 15:40	502.87	W	5/31/2005 18:05	6/7/2005 18:11	115.13	W
6/7/2005 15:30	6/14/2005 14:45	120.20	W	6/7/2005 15:40	6/14/2005 15:05	369.15	W	6/7/2005 18:21	6/14/2005 18:03	861.00	W
6/14/2005 14:45	6/21/2005 14:45	133.75	W	6/14/2005 15:17	6/21/2005 15:20	57.00	W	6/14/2005 18:13	6/21/2005 17:47	649.13	W
6/21/2005 14:45	6/28/2005 14:25	391.36	W	6/21/2005 16:00	6/28/2005 16:30		D	6/21/2005 18:30	6/28/2005 17:44		D
6/28/2005 14:25	7/6/2005 15:55		W	6/28/2005 16:30	7/6/2005 17:12	499.87	W	6/28/2005 17:58	7/5/2005 16:50	677.42	W
7/6/2005 15:55	7/12/2005 15:00	166.12	W	7/6/2005 17:35	7/12/2005 15:00	238.96	W	7/5/2005 16:51	7/6/2005 20:30	204.06	W
7/12/2005 15:00	7/19/2005 14:45	953.11	W	7/12/2005 15:00	7/19/2005 17:05	750.04	W	7/6/2005 20:37	7/12/2005 17:43	517.02	W
7/19/2005 14:45	7/26/2005 14:20	274.73	W	7/19/2005 17:20	7/26/2005 16:20		W	7/12/2005 17:49	7/19/2005 17:45	669.65	W
7/26/2005 14:20	8/2/2005 14:40	415.70	W	7/26/2005 16:55	8/2/2005 16:00	518.52	W	7/19/2005 17:55	7/26/2005 18:51	131.27	W
								7/26/2005 19:00	8/2/2005 20:02	668.43	W
8/2/2005 14:40	8/9/2005 14:45	387.27	W	8/2/2005 16:15	8/9/2005 16:25		D	8/2/2005 20:10	8/9/2005 17:33	559.61	W
8/9/2005 14:45	8/16/2005 14:30	2228.60	W	8/9/2005 16:37	8/16/2005 17:07	233.17	W	8/9/2005 17:44	8/16/2005 17:55		D
8/16/2005 14:30	8/23/2005 14:10	492.51	W	8/16/2005 17:18	8/23/2005 16:23	129.13	W	8/16/2005 18:03	8/23/2005 18:34		W
8/23/2005 14:30	8/30/2005 14:45		D	8/23/2005 16:37	8/30/2005 16:00		D	8/23/2005 18:45	9/1/2005 17:22		W
8/30/2005 14:45	9/6/2005 15:30	81.08	W	8/30/2005 16:00	9/6/2005 15:57		D	9/1/2005 17:30	9/7/2005 17:47		W
9/6/2005 15:30	9/14/2005 17:30		D	9/6/2005 16:25	9/14/2005 17:20		D	9/7/2005 18:00	9/14/2005 17:41		D
9/14/2005 17:30	9/20/2005 14:45	110.54	W	9/14/2005 17:30	9/20/2005 17:10	83.97	W	9/14/2005 17:59	9/21/2005 18:05	142.75	W

Station LA05				Station LA23				Station LA28			
Start Date	End Date	Mercury Deposition (ng/m2)	Sample Type*	Start Date	End Date	Mercury Deposition (ng/m2)	Sample Type*	Start Date	End Date	Mercury Deposition (ng/m2)	Sample Type*
9/20/2005 14:45	10/18/2005 19:00		W	9/20/2005 17:20	9/27/2005 15:00	825.25	W	9/21/2005 18:16	9/27/2005 18:20		W
				9/27/2005 15:20	10/4/2005 16:30		D	9/27/2005 18:24	10/4/2005 16:55	632.61	W
				10/4/2005 16:40	10/11/2005 17:40		D	10/4/2005 17:05	10/12/2005 20:50		D
				10/11/2005 17:55	10/18/2005 16:45		D	10/12/2005 21:00	10/18/2005 18:00		D
10/18/2005 19:15	10/25/2005 18:40		D	10/18/2005 16:45	10/25/2005 16:30		D	10/18/2005 18:10	10/25/2005 18:51		D
10/25/2005 18:40	11/1/2005 18:00	232.37	W	10/25/2005 16:30	11/1/2005 21:35	183.94	W	10/25/2005 19:03	11/1/2005 18:05		D
11/1/2005 18:00	11/8/2005 18:45		D	11/1/2005 21:50	11/8/2005 15:50		D	11/1/2005 18:18	11/8/2005 17:05		D
11/8/2005 18:45	11/15/2005 16:15	20.90	W	11/8/2005 16:00	11/15/2005 16:40	74.94	W	11/8/2005 17:13	11/15/2005 17:24	16.72	W
11/15/2005 16:15	11/22/2005 18:45	484.22	W	11/15/2005 17:00	11/21/2005 21:20	450.54	W	11/15/2005 17:36	11/22/2005 18:20	323.24	W
11/22/2005 18:45	11/29/2005 18:30	254.25	W	11/21/2005 21:30	11/29/2005 20:55	262.14	W	11/22/2005 18:30	11/29/2005 18:15	164.46	W
11/29/2005 18:30	12/6/2005 15:00	525.02	W	11/29/2005 21:15	12/6/2005 21:45	338.91	W	11/29/2005 18:30	12/6/2005 16:15	337.95	W
12/6/2005 15:00	12/13/2005 19:00		D	12/6/2005 22:00	12/13/2005 20:30		D	12/6/2005 16:25	12/13/2005 16:40	30.91	W
12/13/2005 19:00	12/20/2005 19:20	416.94	W	12/13/2005 20:47	12/20/2005 20:47	402.77	W	12/13/2005 16:50	12/20/2005 20:33	591.25	W
12/20/2005 19:20	12/27/2005 18:30	57.91	W	12/20/2005 21:00	12/27/2005 17:25	18.02	W	12/20/2005 20:52	12/27/2005 21:41	146.68	W
12/27/2005 18:30	1/3/2006 19:00		D	12/27/2005 17:25	1/3/2006 20:05		D	12/27/2005 21:46	1/3/2006 18:15	40.46	W
1/3/2006 19:00	1/10/2006 16:20		D	1/3/2006 20:15	1/10/2006 16:15		D	1/3/2006 18:26	1/10/2006 16:33	31.32	W
1/10/2006 16:20	1/17/2006 18:30		W	1/10/2006 16:30	1/18/2006 15:45	467.85	W	1/10/2006 16:39	1/17/2006 19:16	101.80	W
1/17/2006 18:30	1/24/2006 16:30	46.99	W	1/18/2006 15:45	1/24/2006 21:30	185.67	W	1/17/2006 19:25	1/24/2006 17:57	144.59	W
1/24/2006 16:30	1/31/2006 16:00	76.45	W	1/24/2006 21:40	1/31/2006 21:10	203.81	W	1/24/2006 18:08	1/31/2006 18:00	85.51	W
1/31/2006 16:00	2/8/2006 19:30	140.80	W	1/31/2006 21:20	2/7/2006 21:00	222.12	W	1/31/2006 18:15	2/7/2006 18:16	355.12	W
2/8/2006 19:30	2/14/2006 19:30	192.80	W	2/7/2006 21:20	2/15/2006 16:10	329.75	W	2/7/2006 18:27	2/14/2006 17:52	148.59	W
2/14/2006 20:30	2/20/2006 20:15	14.26	W	2/15/2006 16:10	2/21/2006 16:10	84.09	W	2/14/2006 18:04	2/21/2006 16:19	465.39	W
2/20/2006 20:15	2/27/2006 15:00		W	2/21/2006 16:20	3/1/2006 20:38	286.58	W	2/21/2006 16:30	3/1/2006 17:15	368.27	W
2/27/2006 15:00	3/7/2006 15:00		D	3/1/2006 20:55	3/7/2006 19:35		D	3/1/2006 17:57	3/7/2006 17:40		D
3/7/2006 15:00	3/14/2006 16:15		D	3/7/2006 19:40	3/14/2006 20:25	131.55	W	3/7/2006 17:49	3/14/2006 17:27	23.66	W
3/14/2006 16:15	3/21/2006 15:10	158.76	W	3/14/2006 20:57	3/21/2006 21:25	408.62	W	3/14/2006 17:30	3/21/2006 17:30	66.39	W
3/21/2006 15:10	3/28/2006 15:10		D	3/21/2006 21:45	3/28/2006 17:50	44.55	W	3/21/2006 17:42	3/28/2006 16:44		D
3/28/2006 15:10	4/4/2006 18:30	31.98	W	3/28/2006 18:20	4/5/2006 19:50	10.35	W	3/28/2006 16:55	4/4/2006 17:41		D
4/4/2006 18:30	4/11/2006 19:00		D	4/5/2006 20:05	4/11/2006 20:30	29.68	W	4/4/2006 17:54	4/11/2006 16:45	28.47	W
4/11/2006 19:00	4/18/2006 15:00		D	4/11/2006 20:47	4/18/2006 15:10		D	4/11/2006 16:57	4/18/2006 18:05		D
4/18/2006 15:00	4/25/2006 14:45	78.55	W	4/18/2006 15:10	4/25/2006 20:20	217.57	W	4/18/2006 18:39	4/24/2006 19:05	30.30	W
4/25/2006 14:45	5/2/2006 14:45	965.90	W	4/25/2006 20:30	5/2/2006 16:30	655.91	W	4/24/2006 19:17	5/1/2006 20:38	2240.88	W
5/2/2006 14:45	5/9/2006 15:15	978.13	W	5/2/2006 16:30	5/9/2006 15:55	415.08	W	5/1/2006 20:53	5/9/2006 18:44	40.12	W
5/9/2006 15:15	5/16/2006 19:30	379.42	W	5/9/2006 16:15	5/16/2006 16:00		W	5/9/2006 18:44	5/16/2006 20:15		D
5/16/2006 19:30	5/23/2006 14:40		D	5/16/2006 16:00	5/23/2006 17:05		D	5/16/2006 20:24	5/23/2006 18:00		D
5/23/2006 14:40	5/30/2006 17:45	472.03	W	5/23/2006 17:15	5/30/2006 16:30	325.53	W	5/23/2006 18:22	5/30/2006 18:35		D
5/30/2006 17:45	6/6/2006 14:45	62.75	W	5/30/2006 16:30	6/6/2006 16:45	340.71	W	5/30/2006 18:40	6/6/2006 20:35		D
6/6/2006 14:45	6/13/2006 14:30	39.48	W	6/6/2006 16:57	6/13/2006 15:23	10.06	W	6/6/2006 20:48	6/13/2006 19:26		D
6/13/2006 14:30	6/20/2006 21:50	1935.78	W	6/13/2006 15:40	6/20/2006 16:40	1735.43	W	6/13/2006 19:38	6/20/2006 17:37	315.38	W
6/20/2006 21:50	6/27/2006 14:45		D	6/20/2006 16:55	6/27/2006 17:30		D	6/20/2006 17:40	6/27/2006 16:43		W
6/27/2006 14:45	7/5/2006 20:40	485.04	W	6/27/2006 17:47	7/5/2006 17:43		W	6/27/2006 16:53	7/5/2006 17:57	771.05	W
7/5/2006 20:40	7/11/2006 15:00	227.58	W	7/5/2006 17:50	7/11/2006 15:10	313.00	W	7/5/2006 18:08	7/11/2006 18:16	2594.84	W

Station LA05				Station LA23				Station LA28			
Start Date	End Date	Mercury Deposition (ng/m2)	Sample Type*	Start Date	End Date	Mercury Deposition (ng/m2)	Sample Type*	Start Date	End Date	Mercury Deposition (ng/m2)	Sample Type*
7/11/2006 15:00	7/18/2006 14:30	621.53	W	7/11/2006 15:55	7/18/2006 15:00	26.69	W	7/11/2006 18:26	7/19/2006 16:53		D
7/18/2006 14:30	7/25/2006 14:30	439.67	W	7/18/2006 15:00	7/25/2006 17:40	1176.57	W	7/19/2006 18:00	7/25/2006 16:50	989.99	W
7/25/2006 14:30	8/1/2006 14:45	732.75	W	7/25/2006 17:57	8/1/2006 22:20	336.84	W	7/25/2006 16:50	8/1/2006 19:04	497.21	W
8/1/2006 14:45	8/8/2006 14:45	264.33	W	8/1/2006 22:30	8/8/2006 15:40	22.45	W	8/1/2006 19:15	8/8/2006 18:13	318.39	W
8/8/2006 14:45	8/15/2006 14:10		D	8/8/2006 16:00	8/15/2006 16:53		W	8/8/2006 18:22	8/15/2006 16:29		W
8/15/2006 14:15	8/22/2006 15:25	736.68	W	8/15/2006 17:03	8/22/2006 15:55		W	8/15/2006 16:45	8/22/2006 16:51	540.51	W
8/22/2006 15:25	8/29/2006 14:30	593.74	W	8/22/2006 16:10	8/29/2006 15:47	644.99	W	8/22/2006 18:00	8/29/2006 19:41	655.85	W
8/29/2006 14:30	9/5/2006 14:40	63.60	W	8/29/2006 16:10	9/5/2006 17:00		D	8/29/2006 19:47	9/5/2006 18:51	19.04	W
9/5/2006 14:40	9/12/2006 15:30	235.75	W	9/5/2006 17:10	9/12/2006 15:35	15.72	W	9/5/2006 18:59	9/12/2006 14:42	49.15	W
9/12/2006 15:30	9/19/2006 14:25	460.50	W	9/12/2006 15:50	9/19/2006 17:10	1117.42	W	9/12/2006 14:50	9/19/2006 18:42	318.24	W
9/19/2006 14:25	9/26/2006 17:30	272.83	W	9/19/2006 17:27	9/26/2006 17:00	1065.99	W	9/19/2006 18:53	9/26/2006 18:03	610.01	W
9/26/2006 17:30	10/3/2006 16:15		D	9/26/2006 17:20	10/4/2006 15:15		D	9/26/2006 18:12	10/3/2006 18:47		W
10/3/2006 16:15	10/10/2006 14:20		D	10/4/2006 15:15	10/11/2006 16:50	113.41	W	10/3/2006 18:55	10/10/2006 17:14		D
10/10/2006 14:20	10/17/2006 14:30	761.64	W	10/11/2006 17:05	10/18/2006 16:47	714.37	W	10/10/2006 17:15	10/17/2006 18:22	559.27	W
10/17/2006 14:30	10/24/2006 15:00	367.68	W	10/18/2006 17:10	10/24/2006 17:10	748.08	W	10/17/2006 18:38	10/24/2006 17:23	596.13	W
10/24/2006 15:00	10/30/2006 20:30	222.80	W	10/24/2006 17:10	11/2/2006 17:05	461.53	W	10/24/2006 17:30	10/31/2006 19:08	352.49	W
10/30/2006 20:30	11/6/2006 19:30	214.17	W	11/2/2006 17:05	11/3/2006 17:05			10/31/2006 19:18	11/8/2006 17:55	269.57	W
				11/3/2006 17:05	11/8/2006 17:57	172.58	W				
11/6/2006 19:30	11/14/2006 16:00	164.59	W	11/8/2006 18:12	11/14/2006 18:05	146.55	W	11/8/2006 18:27	11/14/2006 19:23	161.16	W
11/14/2006 16:00	11/21/2006 15:30	13.69	W	11/14/2006 18:25	11/20/2006 21:35	7.80	W	11/14/2006 19:35	11/21/2006 18:54	599.90	W
11/21/2006 15:30	11/28/2006 20:00	34.52	W	11/20/2006 21:48	11/27/2006 17:10		D	11/21/2006 19:07	11/28/2006 19:39		D
11/28/2006 20:00	12/5/2006 15:00	21.40	W	11/27/2006 17:10	12/5/2006 21:25	139.81	W	11/28/2006 19:57	12/5/2006 18:57	120.26	W
12/5/2006 15:00	12/12/2006 19:00	21.71	W	12/5/2006 21:45	12/12/2006 21:50	56.78	W	12/5/2006 19:03	12/12/2006 16:20	2.71	W
12/12/2006 19:00	12/19/2006 21:40		D	12/12/2006 22:05	12/19/2006 17:45		W	12/12/2006 16:25	12/19/2006 19:24	58.37	W
12/19/2006 22:00	12/27/2006 16:15	282.92	W	12/19/2006 17:53	12/27/2006 21:25	396.42	W	12/19/2006 19:30	12/27/2006 17:15	1275.69	W
12/27/2006 16:15	1/3/2007 16:40	779.78	W	12/27/2006 21:40	1/3/2007 20:00	474.02	W	12/27/2006 17:32	1/3/2007 19:00	642.39	W
1/3/2007 16:40	1/9/2007 17:00	510.98	W	1/3/2007 20:00	1/10/2007 20:58	256.19	W	1/3/2007 19:10	1/10/2007 18:18	458.27	W
1/9/2007 17:00	1/16/2007 19:45	61.62	W	1/10/2007 21:35	1/17/2007 16:35	152.40	W	1/10/2007 18:27	1/16/2007 17:08	78.77	W
1/16/2007 19:45	1/23/2007 15:30	646.08	W	1/17/2007 16:58	1/23/2007 20:28	163.57	W	1/16/2007 17:15	1/23/2007 16:34	389.87	W
1/23/2007 16:20	1/29/2007 19:00	173.92	W	1/23/2007 21:05	1/24/2007 17:20	15.02	W	1/23/2007 16:54	1/29/2007 21:01	119.01	W
				1/24/2007 18:15	1/29/2007 20:05	99.73	W				
1/29/2007 19:00	2/6/2007 19:45	125.37	W	1/29/2007 20:22	2/6/2007 15:55	91.08	W	1/29/2007 21:15	2/6/2007 18:55	94.96	W
2/6/2007 19:45	2/13/2007 19:00		D	2/6/2007 15:55	2/13/2007 17:45	431.64	W	2/6/2007 19:00	2/13/2007 18:19	360.22	W
2/13/2007 19:00	2/19/2007 19:30		D	2/13/2007 18:00	2/21/2007 21:15		D	2/13/2007 18:25	2/19/2007 18:35		D
2/19/2007 19:30	2/27/2007 16:50	269.04	W	2/21/2007 21:23	2/28/2007 17:30	41.84	W	2/19/2007 18:52	2/27/2007 18:10	328.40	W
2/27/2007 16:50	3/6/2007 17:30	32.42	W	2/28/2007 17:53	3/7/2007 21:45	38.47	W	2/27/2007 18:18	3/6/2007 18:28	29.76	W
3/6/2007 17:30	3/12/2007 14:45		D	3/7/2007 21:55	3/13/2007 21:40	8.31	W	3/6/2007 18:38	3/12/2007 19:09		D
3/12/2007 14:45	3/20/2007 15:30	478.63	W	3/13/2007 21:40	3/20/2007 17:45	41.58	W	3/12/2007 19:19	3/19/2007 20:10	237.36	W
3/20/2007 15:30	3/27/2007 15:15		D	3/20/2007 18:05	3/27/2007 17:25		D	3/19/2007 20:33	3/27/2007 19:01		D
3/27/2007 15:30	4/3/2007 19:50		W	3/27/2007 18:25	4/3/2007 17:30	200.89	W	3/27/2007 19:18	4/3/2007 18:14	103.26	W
4/3/2007 19:50	4/11/2007 19:30	673.44	W	4/3/2007 18:00	4/11/2007 21:05	380.20	W	4/3/2007 18:21	4/9/2007 14:51	221.19	W
4/11/2007 19:30	4/17/2007 16:40	69.23	W	4/11/2007 21:15	4/17/2007 17:40	222.40	W	4/9/2007 15:02	4/17/2007 18:12	189.60	W

Station LA05				Station LA23				Station LA28			
Start Date	End Date	Mercury Deposition (ng/m2)	Sample Type*	Start Date	End Date	Mercury Deposition (ng/m2)	Sample Type*	Start Date	End Date	Mercury Deposition (ng/m2)	Sample Type*
								4/17/2007 18:25	4/24/2007 17:38	27.72	W
AVERAGE		**364.27**		**AVERAGE**		**362.85**		**AVERAGE**		**362.21**	
NO. VALUES		**230**		**NO. VALUES**		**223**		**NO. VALUES**		**242**	

* W=wet sample, D=dry sample

APPENDIX G

Local Mercury Air Emission Point Sources
From 2002 National Emissions Inventory

FIPS Code	State and Parish/County	SCC Code	Parameter Code	Source Code	Total Mercury (tonnes/yr)	Hg(II) Speciation Factor* Particulate divalent %	Hg(II) Speciation Factor* Gaseous divalent %	Gaseous Divalent Hg (tonnes/yr)	Particulate Divalent Hg (tonnes/yr)	Hg II (tonnes/yr)	MACT Code Assumed	SCC Code Description			
22077	The parish of Pointe Coupee, Louisiana	10100202	200	PSHG	0.28437336			0.0876736	0.00044109	0.196258617		External Combustion Boilers	Electric Generation	Bituminous/Subbituminous Coal	Pulverized Coal: Dry Bottom (Bituminous Coal)
22079	The parish of Rapides, Louisiana	10100202	200	PSHG	0.05023182			0.006291	3.1609E-05	0.043909215		External Combustion Boilers	Electric Generation	Bituminous/Subbituminous Coal	Pulverized Coal: Dry Bottom (Bituminous Coal)
22047	The parish of Iberville, Louisiana	10100401	7439976	767/CAMD	1.2758E-05	20	30			6.37875E-06	1808-3	External Combustion Boilers	Electric Generation	Residual Oil	Grade 6 Oil: Normal Firing
22047	The parish of Iberville, Louisiana	10100404	7439976	767/CAMD	3.7252E-05	20	30			1.8626E-05	1808-3	External Combustion Boilers	Electric Generation	Residual Oil	Grade 6 Oil: Tangential Firing
22047	The parish of Iberville, Louisiana	10100501	7439976	767/CAMD	0.00002205	20	30			0.000011025	1808-3	External Combustion Boilers	Electric Generation	Distillate Oil	Grades 1 and 2 Oil
22005	The parish of Ascension, Louisiana	10101301	7439976	S	0.004	20	30			0.002	1808-3	External Combustion Boilers	Electric Generation	Liquid Waste	Specify Waste Material in Comments
22047	The parish of Iberville, Louisiana	10200401	7439976	A-B	0.0003888	20	30			0.0001944	0107-3	External Combustion Boilers	Industrial	Residual Oil	Grade 6 Oil
22005	The parish of Ascension, Louisiana	10200501	7439976	A-B	0.002856	20	30			0.001428		External Combustion Boilers	Industrial	Distillate Oil	Grades 1 and 2 Oil
22047	The parish of Iberville, Louisiana	10200501	7439976	A-B	0.000924	20	30			0.000462		External Combustion Boilers	Industrial	Distillate Oil	Grades 1 and 2 Oil
22043	The parish of Grant, Louisiana	10200902	199	A-B	0.00072607	20	30			0.000363037		External Combustion Boilers	Industrial	Wood/Bark Waste	Wood/Bark-fired Boiler
22105	The parish of Tangipahoa, Louisiana	10200902	199	A-B	0.00019356	20	30			9.67778E-05		External Combustion Boilers	Industrial	Wood/Bark Waste	Wood/Bark-fired Boiler
22127	The parish of Winn, Louisiana	10200902	199	A-B	0.00043237	20	30			0.000216185		External Combustion Boilers	Industrial	Wood/Bark Waste	Wood/Bark-fired Boiler
28005	The county of Amite, Mississippi	10200902	199	A-B	0.0003267	20	30			0.000163352		External Combustion Boilers	Industrial	Wood/Bark Waste	Wood/Bark-fired Boiler
22005	The parish of Ascension, Louisiana	10201301	7439976	S	0.003	20	30			0.0015	107	External Combustion Boilers	Industrial	Liquid Waste	Specify Waste Material in Comments
22047	The parish of Iberville, Louisiana	30100802	7439976	T	0.455	0	5			0.02275	1403	Industrial Processes	Chemical Manufacturing	Chloro-alkali Production	Liquefaction (Mercury Cell Process)
22033	The parish of E. Baton Rouge, Louisiana	30102308	7439976	S	0.0005	10	10			0.0001		Industrial Processes	Chemical Manufacturing	Sulfuric Acid (Contact Process)	Absorber/@ 98.0% Conversion
22047	The parish of Iberville, Louisiana	30103399	7439976	S	0.0025	10	10			0.0005		Industrial Processes	Chemical Manufacturing	Pesticides	Other Not Classified
22005	The parish of Ascension, Louisiana	30112599	7439976	S	0.0015	10	10			0.0003		Industrial Processes	Chemical Manufacturing	Chlorine Derivatives	Other Not Classified
22105	The parish of Tangipahoa, Louisiana	30500311	199	P	0.00166979	10	10			0.000333958	414	Industrial Processes	Mineral Products	Brick Manufacture	Curing and Firing: Gas-fired Tunnel Kilns
22011	The parish of Beauregard, Louisiana	30700105	7439976	S	0					0	1626-1	Industrial Processes	Pulp and Paper and Wood Products	Sulfate (Kraft) Pulping	Smelt Dissolving Tank
28001	The county of Adams, Mississippi	30700199	7439976	S	0					0	1626-1	Industrial Processes	Pulp and Paper and Wood Products	Sulfate (Kraft) Pulping	Other Not Classified
28005	The county of Amite, Mississippi	30700701	7439976	S	0.0016	10	10			0.00032	1624	Industrial Processes	Pulp and Paper and Wood Products	Plywood Operations	General: Not Classified **
28037	The county of Franklin, Mississippi	30700896	7439976	S	0.0005	10	10			0.0001	1624	Industrial Processes	Pulp and Paper and Wood Products	Sawmill Operations	Other Not Classified
28001	The county of Adams, Mississippi	30800199	7439976	S	0					0	1631	Industrial Processes	Rubber and Miscellaneous Plastics Products	Tire Manufacture	Other Not Classified
22005	The parish of Ascension, Louisiana	39999999	199	T	0.000015	20	30			0.0000075		Industrial Processes	Miscellaneous Manufacturing Industries	Miscellaneous Industrial Processes	See Comment **
22033	The parish of E. Baton Rouge, Louisiana	39999999	199	T	0.04047	20	30			0.020235		Industrial Processes	Miscellaneous Manufacturing Industries	Miscellaneous Industrial Processes	See Comment **
22033	The parish of E. Baton Rouge, Louisiana	39999999	7439976	T	0.00019205	20	30			0.000096025		Industrial Processes	Miscellaneous Manufacturing Industries	Miscellaneous Industrial Processes	See Comment **
22039	The parish of Evangeline, Louisiana	39999999	7439976	T	0.00215	20	30			0.001075		Industrial Processes	Miscellaneous Manufacturing Industries	Miscellaneous Industrial Processes	See Comment **
22089	The parish of St. Charles, Louisiana	39999999	199	T	0.000215	20	30			0.0001075		Industrial Processes	Miscellaneous Manufacturing Industries	Miscellaneous Industrial Processes	See Comment **
22093	The parish of St. James, Louisiana	39999999	199	T	0.000879	20	30			0.0004395		Industrial Processes	Miscellaneous Manufacturing Industries	Miscellaneous Industrial Processes	See Comment **
22097	The parish of St. Landry, Louisiana	39999999	199	T	0.0005	20	30			0.00025		Industrial Processes	Miscellaneous Manufacturing Industries	Miscellaneous Industrial Processes	See Comment **
28063	The county of Jefferson, Mississippi	40201999	7439976	S	0					0		Petroleum and Solvent Evaporation	Surface Coating Operations	Wood Furniture Surface Coating	Other Not Classified
28001	The county of Adams, Mississippi	50100401	7439976	S	0					0		Waste Disposal	Solid Waste Disposal - Government	Landfill Dump	Unpaved Road Traffic
22001	The parish of Acadia, Louisiana	50100402	199	M	9.0898E-06	10	10			1.81796E-06	0802	Waste Disposal	Solid Waste Disposal - Government	Landfill Dump	Fugitive Emissions
22005	The parish of Ascension, Louisiana	50100402	199	M	4.141E-07	10	10			8.282E-08	0802	Waste Disposal	Solid Waste Disposal - Government	Landfill Dump	Fugitive Emissions
22009	The parish of Avoyelles, Louisiana	50100402	199	M	6.4001E-06	10	10			1.28002E-06	0802	Waste Disposal	Solid Waste Disposal - Government	Landfill Dump	Fugitive Emissions
22033	The parish of E. Baton Rouge, Louisiana	50100402	199	M	5.8462E-05	10	10			1.16924E-05	0802	Waste Disposal	Solid Waste Disposal - Government	Landfill Dump	Fugitive Emissions
22047	The parish of Iberville, Louisiana	50100402	199	M	2.028E-07	10	10			4.056E-08	0802	Waste Disposal	Solid Waste Disposal - Government	Landfill Dump	Fugitive Emissions
22051	The parish of Jefferson, Louisiana	50100402	199	M	3.7105E-05	10	10			7.42094E-06	0802	Waste Disposal	Solid Waste Disposal - Government	Landfill Dump	Fugitive Emissions
22053	The parish of Jefferson Davis, Louisiana	50100402	199	M	3.4709E-05	10	10			6.9418E-06	0802	Waste Disposal	Solid Waste Disposal - Government	Landfill Dump	Fugitive Emissions
22059	The parish of La Salle, Louisiana	50100402	199	M	6.4627E-06	10	10			1.29254E-06	0802	Waste Disposal	Solid Waste Disposal - Government	Landfill Dump	Fugitive Emissions
22077	The parish of Pointe Coupee, Louisiana	50100402	199	M	3.5906E-06	10	10			7.1812E-07	0802	Waste Disposal	Solid Waste Disposal - Government	Landfill Dump	Fugitive Emissions
22079	The parish of Rapides, Louisiana	50100402	199	M	1.9889E-05	10	10			3.97788E-06	0802	Waste Disposal	Solid Waste Disposal - Government	Landfill Dump	Fugitive Emissions
22093	The parish of St. James, Louisiana	50100402	199	M	3.289E-07	10	10			6.578E-08	0802	Waste Disposal	Solid Waste Disposal - Government	Landfill Dump	Fugitive Emissions
22097	The parish of St. Landry, Louisiana	50100402	199	M	1.1011E-05	10	10			2.20226E-06	0802	Waste Disposal	Solid Waste Disposal - Government	Landfill Dump	Fugitive Emissions
22101	The parish of St. Mary, Louisiana	50100402	199	M	5.8793E-06	10	10			1.17586E-06	0802	Waste Disposal	Solid Waste Disposal - Government	Landfill Dump	Fugitive Emissions
22105	The parish of Tangipahoa, Louisiana	50100402	199	M	7.9128E-06	10	10			1.58256E-06	0802	Waste Disposal	Solid Waste Disposal - Government	Landfill Dump	Fugitive Emissions
22107	The parish of Tensas, Louisiana	50100402	199	M	0.00000063	10	10			0.000000126	0802	Waste Disposal	Solid Waste Disposal - Government	Landfill Dump	Fugitive Emissions
22109	The parish of Terrebonne, Louisiana	50100402	199	M	1.1392E-05	10	10			2.27838E-06	0802	Waste Disposal	Solid Waste Disposal - Government	Landfill Dump	Fugitive Emissions
22113	The parish of Vermilion, Louisiana	50100402	199	M	7.4347E-06	10	10			1.48694E-06	0802	Waste Disposal	Solid Waste Disposal - Government	Landfill Dump	Fugitive Emissions
22115	The parish of Vernon, Louisiana	50100402	199	M	7.8425E-06	10	10			1.5685E-06	0802	Waste Disposal	Solid Waste Disposal - Government	Landfill Dump	Fugitive Emissions
28001	The county of Adams, Mississippi	50100402	199	M	7.0551E-06	10	10			1.41102E-06	0802	Waste Disposal	Solid Waste Disposal - Government	Landfill Dump	Fugitive Emissions
28157	The county of Wilkinson, Mississippi	50100402	199	M	8.282E-07	10	10			1.6564E-07	0802	Waste Disposal	Solid Waste Disposal - Government	Landfill Dump	Fugitive Emissions
22005	The parish of Ascension, Louisiana	50300501	199	M	1.2091E-05	22	20			5.07809E-06	0801	Waste Disposal	Solid Waste Disposal - Industrial	Incineration	Hazardous Waste
22047	The parish of Iberville, Louisiana	50300501	199	M	0.00869751	22	20			0.003652955	0801	Waste Disposal	Solid Waste Disposal - Industrial	Incineration	Hazardous Waste
22089	The parish of St. Charles, Louisiana	50300501	199	M	0.00409247	22	20			0.001718839	0801	Waste Disposal	Solid Waste Disposal - Industrial	Incineration	Hazardous Waste
22033	The parish of E. Baton Rouge, Louisiana	50300830	7439976	S	0					0		Waste Disposal	Solid Waste Disposal - Industrial	Treatment, Storage, Disposal/TSDF	Containers: Fugitive Emissions

0.299 tonnes/yr

* from "Emissions Inventory and Emissions Processing for the Clean Air Mercury Rule (CAMR)", EPA, 2005.

= based on SCC Code

= based on MACT Code most similar to description

Local Hg Source Atmospheric Depostion		Regional/Global Deposition	
Airshed Area =	53,579,112,655 sq meters		
Airshed Loading =	5.5743E-12 tonnes/yr/sq meter		
10301 water+wetlands =	565,033,500 sq meters		
10301 Hg Load =	0.003149669 tonnes/yr		
	6.9 lb/yr		**30.6** lb/year
10401 water+wetlands =	505,906,200 sq meters		
10401 Hg Load =	0.002820075 tonnes/yr		
	6.2 lb/yr		**27.4** lb/year
10501 water+wetlands =	1,425,757,500 sq meters		
10501 Hg Load =	0.007947607 tonnes/yr		
	17.5 lb/yr		**77.2** lb/year

APPENDIX H

Sediment Mercury Data

Table H.1. Mercury in sediment data.

SUBSEGMENT	SITE	SITE NAME	COLLECTION DATE	RESULT	UNITS	PARAMETER
010301	0436	Lake Henderson east of Henderson, Louisiana	07/06/94	0.11	MG/KG	HG
010301	0436	Lake Henderson east of Henderson, Louisiana	06/01/95	0.08	MG/KG	HG
010301	0436	Lake Henderson east of Henderson, Louisiana	04/25/96	0.21	MG/KG	HG
010301	0436	Lake Henderson east of Henderson, Louisiana	01/10/97	0.11	MG/KG	HG
010301	0436	Lake Henderson east of Henderson, Louisiana	10/29/97	0.02	MG/KG	HG
010301	0436	Lake Henderson east of Henderson, Louisiana	01/20/98	0.004	MG/KG	HG
010301	0436	Lake Henderson east of Henderson, Louisiana	04/06/98	0.01	MG/KG	HG
010301	0436	Lake Henderson east of Henderson, Louisiana	07/06/98	0.0006	MG/KG	HG
010301	0436	Lake Henderson east of Henderson, Louisiana	10/15/98	0.07	MG/KG	HG
010301	0436	Lake Henderson east of Henderson, Louisiana	01/12/99	0.09	MG/KG	HG
010301	0436	Lake Henderson east of Henderson, Louisiana	04/12/99	0.09	MG/KG	HG
010301	0436	Lake Henderson east of Henderson, Louisiana	07/06/99	0.16	MG/KG	HG
010301	0436	Lake Henderson east of Henderson, Louisiana	10/05/99	0.15	MG/KG	HG
010301	0436	Lake Henderson east of Henderson, Louisiana	01/04/00	0.18	MG/KG	HG
010301	0436	Lake Henderson east of Henderson, Louisiana	04/05/00	0.26	MG/KG	HG
010301	0436	Lake Henderson east of Henderson, Louisiana	07/06/00	0.19	MG/KG	HG
010301	0436	Lake Henderson east of Henderson, Louisiana	10/05/00	0.09	MG/KG	HG
010301	0436	Lake Henderson east of Henderson, Louisiana	01/09/01	0.1	MG/KG	HG
010301	0436	Lake Henderson east of Henderson, Louisiana	04/03/01	0.18	MG/KG	HG
010301	0436	Lake Henderson east of Henderson, Louisiana	07/09/01	0.0038	MG/KG	HG
010301	0436	Lake Henderson east of Henderson, Louisiana	11/15/01	0.18	MG/KG	HG
010301	0436	Lake Henderson east of Henderson, Louisiana	11/15/01	0.67	UG/KG	METHYL-HG
010301	0436	Lake Henderson east of Henderson, Louisiana	01/24/02	0.29	MG/KG	HG
010301	0436	Lake Henderson east of Henderson, Louisiana	01/24/02	3.16	UG/KG	METHYL-HG
010301	0436	Lake Henderson east of Henderson, Louisiana	06/17/02	0.26	MG/KG	HG
010301	0436	Lake Henderson east of Henderson, Louisiana	06/17/02	2.59	UG/KG	METHYL-HG
010301	0436	Lake Henderson east of Henderson, Louisiana	11/14/02	0.14	MG/KG	HG
010301	0436	Lake Henderson east of Henderson, Louisiana	11/14/02	1.88	UG/KG	METHYL-HG
010301	0436	Lake Henderson east of Henderson, Louisiana	09/08/04	0.17	MG/KG	HG
010301	0436	Lake Henderson east of Henderson, Louisiana	09/08/04	1.53	UG/KG	METHYL-HG
010301	0436	Lake Henderson east of Henderson, Louisiana	05/12/05	0.1	MG/KG	HG
010301	0436	Lake Henderson east of Henderson, Louisiana	05/12/05	0.66	UG/KG	METHYL-HG
010301	0759	Two O'Clock Bayou, West of Krotz Springs, Louisiana	08/25/98	0.1	MG/KG	HG
010301	0759	Two O'Clock Bayou, West of Krotz Springs, Louisiana	09/20/04	0.18	MG/KG	HG
010301	0759	Two O'Clock Bayou, West of Krotz Springs, Louisiana	09/20/04	0.71	UG/KG	METHYL-HG
010301	1033	Bayou Petite Prairie, Louisiana	09/20/00	0.08	MG/KG	HG
010301	1033	Bayou Petite Prairie, Louisiana	09/20/04	0.1	MG/KG	HG
010301	1033	Bayou Petite Prairie, Louisiana	09/20/04	0.88	UG/KG	METHYL-HG
010301	2335	Bayou Rouge near Palmetto, Louisiana	10/15/03	0.05	MG/KG	HG
010301	2335	Bayou Rouge near Palmetto, Louisiana	10/15/03	0.81	UG/KG	METHYL-HG
010301	2335	Bayou Rouge near Palmetto, Louisiana	12/15/03	0.06	MG/KG	HG
010301	2335	Bayou Rouge near Palmetto, Louisiana	12/15/03	0.48	UG/KG	METHYL-HG
010301	2335	Bayou Rouge near Palmetto, Louisiana	05/16/05	0.04	MG/KG	HG
010301	2335	Bayou Rouge near Palmetto, Louisiana	05/16/05	0.75	UG/KG	METHYL-HG
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	10/10/95	0.32	MG/KG	HG
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	08/24/99	0.09	MG/KG	HG
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	07/25/00	0.11	MG/KG	HG
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	02/25/02	0.13	MG/KG	HG
010401	0506	Big Alabama southeast of Krotz Springs, Louisiana	02/25/02	0.95	UG/KG	METHYL-HG
010401	1241	Little Alabama Bayou southeast of Krotz Springs, Louisiana	02/25/02	0.08	MG/KG	HG
010401	1241	Little Alabama Bayou southeast of Krotz Springs, Louisiana	02/25/02	0.96	UG/KG	METHYL-HG
010401	2687	Big Alabama Bayou southwest of Lottie, Louisiana	09/04/03	0.07	MG/KG	HG
010401	2687	Big Alabama Bayou southwest of Lottie, Louisiana	09/04/03	1.32	UG/KG	METHYL-HG
010501	0441	Grand Lake northeast of Franklin, Louisiana	07/01/94	0.02	MG/KG	HG
010501	0469	Beau Bayou east of St. Martinville, Louisiana	07/07/94	0.04	MG/KG	HG
010501	0482	Cow Island Lake east of Butte La Rose, Louisiana.	05/25/94	0.07	MG/KG	HG
010501	0482	Cow Island Lake east of Butte La Rose, Louisiana.	02/04/99	0.18	MG/KG	HG
010501	0482	Cow Island Lake east of Butte La Rose, Louisiana.	07/07/04	0.06	MG/KG	HG
010501	0482	Cow Island Lake east of Butte La Rose, Louisiana.	07/07/04	0.77	UG/KG	METHYL-HG
010501	0483	Bayou Benoit east of Loreauville, Louisiana	07/07/93	0.08	MG/KG	HG
010501	0483	Bayou Benoit east of Loreauville, Louisiana	10/08/03	0.1	MG/KG	HG
010501	0483	Bayou Benoit east of Loreauville, Louisiana	10/08/03	1.45	UG/KG	METHYL-HG
010501	0508	Bayou Teche at Patterson, Louisiana	01/23/97	0.31	MG/KG	HG
010501	0508	Bayou Teche at Patterson, Louisiana	11/09/98	0.11	MG/KG	HG
010501	0611	Bayou Gravenberg north of Fishers Island, Louisiana	07/17/97	0.0013	MG/KG	HG
010501	0611	Bayou Gravenberg north of Fishers Island, Louisiana	03/12/02	0.1	MG/KG	HG
010501	0611	Bayou Gravenberg north of Fishers Island, Louisiana	03/12/02	1.06	UG/KG	METHYL-HG
010501	0611	Bayou Gravenberg north of Fishers Island, Louisiana	11/03/04	0.02	MG/KG	HG
010501	0611	Bayou Gravenberg north of Fishers Island, Louisiana	11/03/04	0.32	UG/KG	METHYL-HG
010501	0613	Buffalo Cove west of Shaw Island, Louisiana	03/12/02	0.06	MG/KG	HG
010501	0613	Buffalo Cove west of Shaw Island, Louisiana	03/12/02	0.94	UG/KG	METHYL-HG
010501	0734	Upper Grand River near Cow Island, Louisiana	06/30/98	0.07	MG/KG	HG
010501	0734	Upper Grand River near Cow Island, Louisiana	01/30/03	0.01	MG/KG	HG

SUBSEGMENT	SITE	SITE NAME	COLLECTION DATE	RESULT	UNITS	PARAMETER
010501	0734	Upper Grand River near Cow Island, Louisiana	01/30/03	0.18	UG/KG	METHYL-HG
010501	0743	Little Atchafalaya River near Cow Island, Louisiana	02/26/04	0.04	MG/KG	HG
010501	0743	Little Atchafalaya River near Cow Island, Louisiana	02/26/04	0.53	UG/KG	METHYL-HG
010501	0747	Crew Boat Chute Northeast of Grand Lake, Louisiana	07/15/98	0.16	MG/KG	HG
010501	0747	Crew Boat Chute Northeast of Grand Lake, Louisiana	10/20/03	0.02	MG/KG	HG
010501	0747	Crew Boat Chute Northeast of Grand Lake, Louisiana	10/20/03	0.6	UG/KG	METHYL-HG
010501	0755	Millers Chute East of Grand Lake, Louisiana	07/15/98	0.18	MG/KG	HG
010501	0755	Millers Chute East of Grand Lake, Louisiana	09/05/01	0.05	MG/KG	HG
010501	0758	Six Mile Lake, Atchafalaya Basin, Louisiana	07/28/98	0.04	MG/KG	HG
010501	0894	Upper Grand River West of Bayou Pigeon, Louisiana	08/10/99	0.07	MG/KG	HG
010501	0895	Little Tensas Bayou ESE of Butte La Rose, Louisiana	08/10/99	0.08	MG/KG	HG
010501	0895	Little Tensas Bayou ESE of Butte La Rose, Louisiana	04/11/05	0.03	MG/KG	HG
010501	0895	Little Tensas Bayou ESE of Butte La Rose, Louisiana	04/11/05	0.44	UG/KG	METHYL-HG
010501	0912	Bayou Cowan, Louisiana	10/06/99	0.11	MG/KG	HG
010501	0912	Bayou Cowan, Louisiana	08/22/02	0.09	MG/KG	HG
010501	0912	Bayou Cowan, Louisiana	08/22/02	0.46	UG/KG	METHYL-HG
010501	0981	Bayou Bristow, Work Canal, South of I-10, Louisiana	11/01/99	0.14	MG/KG	HG
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	12/15/99	0.07	MG/KG	HG
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	10/23/02	0.05	MG/KG	HG
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	10/23/02	0.67	UG/KG	METHYL-HG
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	01/06/04	0.02	MG/KG	HG
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	01/06/04	0.19	UG/KG	METHYL-HG
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	10/13/04	0.02	MG/KG	HG
010501	0982	Bayou Bristow, Work Canal, Southeast of Des Glaise, Louisiana	10/13/04	0.43	UG/KG	METHYL-HG
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	08/07/00	0.09	MG/KG	HG
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	01/06/04	0.08	MG/KG	HG
010501	0984	I-10 Canal, East Atchafalaya Basin, Louisiana	01/06/04	0.27	UG/KG	METHYL-HG
010501	1012	Beau Bayou near intersection with Bayou La Rose, Louisiana	06/20/00	0.18	MG/KG	HG
010501	1012	Beau Bayou near intersection with Bayou La Rose, Louisiana	08/11/04	0.05	MG/KG	HG
010501	1012	Beau Bayou near intersection with Bayou La Rose, Louisiana	08/11/04	0.34	UG/KG	METHYL-HG
010501	1143	Duck Lake northeast of Centerville, Louisiana	09/12/01	0.08	MG/KG	HG
010501	1150	Grand Lake (East) east of New Iberia, Louisiana	09/17/01	0.07	MG/KG	HG
010501	1955	Murphy Lake southwest of Bayou Sorrel, Louisiana	08/20/02	0.05	MG/KG	HG
010501	1955	Murphy Lake southwest of Bayou Sorrel, Louisiana	08/20/02	0.43	UG/KG	METHYL-HG
010501	2074	Upper Grand River west of Grand River, Louisiana	09/16/02	0.04	MG/KG	HG
010501	2074	Upper Grand River west of Grand River, Louisiana	09/16/02	0.39	UG/KG	METHYL-HG
010501	2686	Six Mile Lake east of Verdunville, Louisiana	09/02/03	0.02	MG/KG	HG
010501	2686	Six Mile Lake east of Verdunville, Louisiana	09/02/03	0.38	UG/KG	METHYL-HG
010501	2850	Deer Lake south of Ramah, Louisiana	04/28/04	0.07	MG/KG	HG
010501	2850	Deer Lake south of Ramah, Louisiana	04/28/04	0.32	UG/KG	METHYL-HG
010501	2851	Cabot Lake south of Ramah, Louisiana	04/28/04	0.08	MG/KG	HG
010501	2851	Cabot Lake south of Ramah, Louisiana	04/28/04	1.15	UG/KG	METHYL-HG
010501	2876	Bayou Maringouin (inside levee) south of Ramah, Louisiana	08/09/04	0.05	MG/KG	HG
010501	2876	Bayou Maringouin (inside levee) south of Ramah, Louisiana	08/09/04	0.55	UG/KG	METHYL-HG
010501	2878	Lake Fausse Point Cutoff across levee from Lake Fausse Point State Park, LA	08/11/04	0.01	MG/KG	HG
010501	2878	Lake Fausse Point Cutoff across levee from Lake Fausse Point State Park, LA	08/11/04	0.16	UG/KG	METHYL-HG
010501	2895	Lake Chicot Oilfield Canals, north of Franklin (Atchafalaya Basin), Louisiana	10/11/04	0.03	MG/KG	HG
010501	2895	Lake Chicot Oilfield Canals, north of Franklin (Atchafalaya Basin), Louisiana	10/11/04	0.48	UG/KG	METHYL-HG
010501	2897	Big Bayou Pigeon northwest of Pierre Part, Louisiana	10/18/04	0.06	MG/KG	HG
010501	2897	Big Bayou Pigeon northwest of Pierre Part, Louisiana	10/18/04	0.27	UG/KG	METHYL-HG

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Table H.1 LDEQ sediment mercury data.

APPENDIX I

TMDL Comments and Responses

LDEQ Comments Concerning the following TMDLs submitted to EPA by Tetra Tech, Inc.:

DRAFT Mercury TMDLs for Selected Subsegments in the Atchafalaya River Basin, Louisiana (010301, 010401, and 010501)

General Comments:

- LDEQ has concerns about many of the assumptions made in the calculation of mercury loads in this TMDL.
    - It was assumed that a linear relationship exists between the mercury load to the waterbody and fish tissue concentrations. The relationship between mercury load to a waterbody and the accumulation of mercury in the fish tissue is not thoroughly understood. A study conducted in Florida may not be applicable to Louisiana waters due to characteristic differences in geological formations, differences in soil types, and differences in the surrounding environment. A TMDL based on this relationship is disputable. (Executive Summary and Section 4.1.1, pages 4-1, 4-2, Section 4.2, page 4-4, Section 5.1, page 5-1)

      EPA Response: EPA believes that the presence of mercury in fish over the target level in these systems indicates that, no matter what the geology, soil types, or surrounding environment, the conditions for mercury methylation and bioaccumulation exist and these processes are occurring. Under such conditions it is not unreasonable to assume a linear relationship between mercury load and mercury concentrations in fish tissue.

    - EPA assumes 100% of rainfall runoff of dissolved mercury is transported to the listed subsegments. LDEQ disagrees with this assumption. This is an overly conservative assumption. (Section 4.3.2.2, page 4-6)

      EPA Response: It appears that LDEQ is misinterpreting the calculations in Section 4.3.2.2. This section estimates the mercury load that is deposited directly on the surface of the waterbodies in rainfall and dry particulate deposition. There is no estimate of mercury transported to the waterbodies in rainfall runoff in the TMDL.

    - EPA assumes that 100% of mercury associated with soil erosion is transported to the subsegments. LDEQ disagrees. There is insufficient data to support this assumption. (Section 4.3.2.4, page 4-9)

      EPA Response: The mercury load associated with erosion was reexamined. In the course of this reexamination, an error was found, unrelated to the sediment delivery rate. The corrected sediment

mercury loads contribute less than 1% to the total estimated nonpoint source load. An in-depth analysis of delivery ratios for a load that constitutes such a small portion of the total was judged to be not an effective use of resources.

- EPA assumes that 100% of both dissolved and particulate mercury loads generated by contributing and adjacent watersheds reach the listed subsegments and are available for uptake, bioaccumulation, and biomagnification. LDEQ disagrees; this is an overly conservative assumption, and there is insufficient data to support this assumption. (Section 4.3.2.3, page 4-7, 4-8)

EPA Response: Based on current understanding of how mercury moves through the environment, when conditions conducive to methylation are present (as they must be in these waterbodies since the fish tissue mercury concentrations are so high) all mercury(II) loaded to a system does have the potential to be converted to a bioavailable form (see Figure 4.2).If LDEQ has data that supports a different assumption, please provide the data so it can be used to modify the TMDL.

- The primary source of mercury indicated in this TMDL is atmospheric deposition. It is not possible to differentiate the various sources of mercury. Much of the mercury may be from other global sources. A more appropriate approach may be to address the issue with a statewide TMDL and attribute much of the mercury load to sources outside of the state. Implementation should not be the sole responsibility of Louisiana. Responsibility should be shared by other states in the region.

EPA Response: Please note that in this TMDL EPA does not state that Louisiana has sole responsibility for reducing atmospheric mercury within its boundaries. EPA is well aware that numerous activities across the nation and around the globe contribute to atmospheric mercury levels over Louisiana. Section 5 of this TMDL describes the numerous programs that are expected to reduce state, national, and global atmospheric mercury levels. EPA is aware that in situations such as this, the only courses of action states can take are to educate the public about the potential health effects of fish from these listed waterbodies, and try to reduce the influx of sediment into the system.

Specific Comments:

- Executive Summary, Section 2.4 page 2-4, and Section 4.3.1 page 4-5:
  The report states that because none of the NPDES-permitted discharges identified in the study areas were found to have a mercury permit and there

were no municipal wastewater treatment plants with design flow greater than 100,000 GPD, no point source mercury load was calculated for the study area. In order for affected facilities to understand what this means, a statement should be added to the document that states reductions from point source discharges are not required and therefore no permit limitations are necessary as a result of this TMDL. There are 77 facilities with permits to discharge to these subsegments.

EPA Response: The requested statement will be added.

- Executive Summary, page iii:
  The report contains the following statements which should be corrected to contain the underlined additions:

  3. LDEQ will continue to collect additional ambient data on mercury concentrations in water, sediment, fish, and soil.

  4. LDEQ will continue to implement its mercury risk reduction plan that assesses all sources of mercury in Louisiana and specifies to reduce mercury releases in the state.

  EPA Response: The requested text will be added.