LONG-TERM MONITORING OF BASS LAKES AND RESERVOIRS IN CALIFORNIA: 2021 DATA REPORT

PREPARED FOR THE

SURFACE WATER AMBIENT MONITORING PROGRAM

AUTHORS

J.A. DAVIS AND M. WEAVER

SAN FRANCISCO ESTUARY INSTITUTE

A. BONNEMA, B. JAKL, G. ICHIKAWA, AND W.A. HEIM

MOSS LANDING MARINE LABORATORIES

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Executive Summary

This data report presents the methods and results for the fourth round of sampling in a long-term survey to track status and trends in concentrations of contaminants in sport fish in the many California lakes and reservoirs (collectively referred to as “lakes” in this document) where black bass species (i.e., largemouth, smallmouth, or spotted bass) are present. This work was performed as part of the California State Water Resources Control Board's Surface Water Ambient Monitoring Program (SWAMP) Statewide Bioaccumulation Monitoring Program (Program). The Program sampled 187 bass lakes throughout the state in a 10-year period. The sampling was done in five rounds or “panels”, with approximately 38 lakes in each panel and the rounds occurring every other year. An interpretive report summarizing results from all five panels will be prepared in 2025, after analyses of samples from 2023 in the final round of sampling are completed.

In this fourth round of sampling for the long-term bass lake monitoring effort in 2021, 758 sport fish from 15 species were collected from 28 lakes throughout California, including lakes from Panel 4 and two other lakes requested by Regional Water Boards. The original list of 38 lakes from Panel 4 was modified because some of the lakes had been recently sampled, and some lakes were inaccessible due to fires or low water levels. Largemouth bass was the primary sport fish species sampled, with 335 fish collected from 23 lakes. One other black bass species (spotted bass) was also collected from four lakes. Bluegill (71 fish from eight locations) and common carp (44 fish from five locations) were the next most widely sampled species after largemouth bass. Small prey fish were also sampled; a total of 824 prey fish representing 11 species were collected from 26 of the 28 lakes. The most commonly sampled prey fish species were bluegill (246 fish from 18 locations) and young largemouth bass (222 fish from 20 locations).

Mercury concentrations in 335 largemouth bass analyzed individually ranged from 0.01 ppm in three fish from Lake Wohlford (204, 220, and 245 mm in length) to 2.4 ppm in two fish (437 and 472 mm) from Soulejoule Lake (Figures 3 and 4). Mean concentrations in largemouth bass estimated for a length of 350 mm provide a good basis for comparing concentrations among lakes and for comparing concentrations within lakes over time. One of the 22 black bass lakes where length-adjusted means could be calculated (including largemouth and spotted bass) had a length-adjusted mean greater than 1.31 ppm (the California Office of Environmental Health Hazard Assessment’s [OEHHA’s] no consumption advisory tissue level [ATL] for women over 49 and men; referred to as the general population): Soulejoule Lake with a mean of 1.81 ppm. Ten of the black bass lakes had length-adjusted means greater than

0.44 ppm (OEHHA's no consumption ATL for women 18-49 and children 1-17; referred to as the sensitive population).

The mean length-adjusted mercury concentration in 20 original Panel 4 lakes in 2021 was 0.50 ppm. This was considerably higher than the mean observed for Panel 1 in 2015 (0.30 ppm), and similar to the means observed for Panel 2 in 2017 (0.45 ppm) and Panel 3 in 2019 (0.48 ppm). Seventy-seven percent of the 22 lakes sampled (20 from Panel 4 and two added by request) in 2021 had length-adjusted black bass means above 0.20 ppm (the statewide water quality objective for sport fish – SWRCB [2017]).

For prey fish, of the 74 composite samples analyzed, 35 (46%) had concentrations greater than or equal to 0.05 ppm, the statewide water quality objective for mercury in prey fish. Eleven lakes out of the 26 sampled (42%) had a lakewide mean equal to or greater than 0.05 ppm.

PCBs were analyzed in 30 composite samples from 13 lakes and seven different species. The two samples with the highest concentrations were both collected from Perris Reservoir: 31 ppb in a channel catfish composite and 25 ppb in a flathead catfish composite.

Selenium was also measured in sport fish and prey fish, primarily so that future risk assessments can consider risks due to combined exposure to mercury and selenium. However, some sport fish samples had concentrations that reached low levels of concern relative to OEHHA ATLs.

Introduction

This document presents a data report for a survey to track status and trends in concentrations of contaminants in sport fish in the many California lakes and reservoirs (collectively referred to as “lakes” in this document) where bass species are present. This work is being performed as part of the California State Water Resources Control Board's (State Water Board) Surface Water Ambient Monitoring Program (SWAMP) Statewide Bioaccumulation Monitoring Program (Program). The mission of SWAMP is to provide resource managers, decision makers, and the public with timely, high-quality information to evaluate the condition of all waters throughout California. The mission of the Program is to provide statewide bioaccumulation monitoring data and information that can be used to:

1. Assess and contribute to the protection and restoration of fishing and aquatic life beneficial uses that are impacted by the bioaccumulation of pollutants in California's waterbodies, and

2. Assess the human health risks associated with the consumption of contaminated fish and shellfish in California's freshwater and coastal ecosystems, and use that information to support the development of advisories that would inform consumers of significant health risks associated with the consumption of particular species.

The Program’s sport fish surveys to date have accomplished a great deal to document the status of bioaccumulation impacts on beneficial uses in California (Davis et al. 2010, 2012, 2013, 2018, 2019a,b, 2022). Mercury has been shown to be a particular concern across all water body types.

In 2015 the Program took a significant step in initiating a survey to provide status and trend monitoring of bioaccumulation across the three major water body categories that support the fishing beneficial use: lakes and reservoirs, rivers and streams, and the coast. For water bodies where bioaccumulation has been determined to be a concern, a 10-year cycle for providing updated information on status was determined to be a practical minimum revisit frequency. The information generated from these updates will be useful to the State and Regional Water Boards in impairment assessments and 303(d) List updates. The monitoring began with a plan for repeated, systematic sampling of lakes with black bass (largemouth, smallmouth, and spotted bass) starting in 2015.

Lakes with black bass account for a large number and proportion of the water bodies that are not being monitored by other programs and should be sampled at a 10-year frequency. In consultation with staff from California’s nine Regional Water Quality

Control Boards (Regional Boards), a list of 187 priority bass lakes to be monitored was established. The plan calls for sampling these lakes throughout the state on a 10-year cycle. The sampling was completed in five rounds or “panels”, with about 38 lakes in each panel and the rounds occurring every other year (Figure 1).

This plan will address the critical need of managers and the public for updated, high-quality information on the status of contaminant bioaccumulation in these important water bodies. The plan is designed in a way that will also allow tracking of long-term statewide and regional trends in mercury contamination of lake food webs as they respond to factors such as increasing global atmospheric emissions and climate change. Understanding these background trends is critically important in evaluating the effectiveness of mercury control plans (TMDLs).

A detailed description of the goals, design, and methods for sample collection and chemical analysis is provided in the document “Sampling and Analysis Plan for Long-term Monitoring of Bass Lakes and Reservoirs in California” (Bioaccumulation Oversight Group 2015) and the update to that document published in 2021 (SWAMP 2021a).

A data report will be prepared to document the results for each panel. This data report presents the methods and results for the fourth round of long-term bass lake monitoring in 2021. An interpretive report on this program will be prepared in 2025, after sampling and analysis of all five panels is completed in 2023.

Methods

A detailed description of the methods for sample collection and chemical analysis is provided in the Sampling and Analysis Plan documents (Bioaccumulation Oversight Group 2015, SWAMP 2021). The methods are briefly summarized here, with a focus on information specific to the 2021 effort.

Sample Collection

The original sampling plan called for collection of fish from 38 lakes in Panel 4 in 2021 (Figure 2). The original list of lakes was modified because some of the lakes had been recently sampled, some lakes were inaccessible due to fires or low water levels, and some lakes were added based on Regional Board requests. The final number of lakes successfully sampled in 2021 was 28, as presented along with other details of sample collection in the Cruise Report (Appendix 1).

A summary of the catch at all of the lakes is provided in Tables 2A and 2B. Black bass were successfully collected at all of the lakes that were sampleable, except Prado Lake (where only carp were collected). At each location where they were collected, bass were sampled across a wide range of lengths to provide a basis for regressing mercury versus length and estimating a 350-mm length-adjusted concentration. In general, 14 bass were collected at each location sampled, with larger lakes having multiple locations sampled. New Bullards Bar Reservoir, for example, is in the "large" lake category and three locations were sampled. Largemouth bass was the most common black bass species collected, with adult spotted bass also collected at three lakes (New Bullards Bar Reservoir, Big Bear Lake, and Lake Arrowhead).

Data gaps for PCBs and DDTs were identified by the California Office of Environmental Health Hazard Assessment (OEHHA) and the Regional Boards for the Panel 4 lakes. Organics were analyzed for each of the lakes where they were targeted, but because bottom-feeding indicator species were not obtained in all of the lakes where they were targeted, non-bottom-feeders (e.g., largemouth bass, bluegill) were analyzed.

Selenium analysis was included for all of the sport fish samples that were analyzed for mercury to allow for potential future assessment of the combined risk due to exposure from these two contaminants. However, Program budget limitations required selenium to be analyzed only in composites, not individual fish.

For prey fish, the general sampling design called for collection of ten individuals from each of the three most common species. Young black bass and young bluegill were the prey species most frequently collected. Mercury and selenium were analyzed in the prey fish composite samples. The San Francisco Bay Regional Water Board (Region 2) requested more extensive collection of prey fish, and analysis of mercury in individual fish, at four locations: Soulejoule Lake, Shadow Cliffs Reservoir, Lafayette Reservoir, and Calero Reservoir.

Sample Preparation and Analytical Methods

Samples were processed and distributed to the analytical laboratories as described in the Sampling and Analysis Plan (SAP) (Bioaccumulation Oversight Group 2015) by personnel at Moss Landing Marine Laboratories in Moss Landing, CA. Mercury and selenium were analyzed by Moss Landing Marine Laboratories. Mercury was analyzed following the method presented in the SAP. Selenium analysis was not included in the first round of bass lake monitoring in 2015, so the method summarized in the Monitoring Plan for 2016 was used (Bioaccumulation Oversight Group 2016). PCBs and legacy pesticides were analyzed by SGS-Axys, following the methods presented in the Quality Assurance Project Plan for the Bioaccumulation Monitoring Program (SWAMP 2021b).

Analytes included in the monitoring, detection limits, as well as numbers of observations and frequencies of detection and reporting, are provided in Table 1.

Following the design described in the SAP, PCBs and legacy pesticides were analyzed only at lakes that either had relatively high concentrations or that were specifically requested by the Regional Boards or OEHHA.

Data Management

The complete dataset for this study includes quality assurance data (quality control samples and field duplicates) and additional ancillary information (specific location information, fish sex, weights, and other information). The complete dataset is available on the web from the California Environmental Data Exchange Network (CEDEN) or through the California Open Data Portal. The data are also available through the interactive SWAMP Data Dashboard.

Statistical Methods

The measurement of mercury in individual black bass samples provided a foundation for statistical procedures to adjust for the relationship with fish length. A length of 350 mm has been used for length-adjustment of black bass in past studies (e.g., Melwani et al. 2009, Davis et al. 2010), and represents the middle of the distribution of legal-sized (> 305 mm, or 12 inches) fish that are commonly caught.

Estimates of length-adjusted means presented for the results in this report are based on simple linear regressions of the data for each station. This approach provides an independently-derived estimate of the station mean that can be compared to any other station mean of interest, such as other station means from the same sampling period or means from the same station in past sampling. Length-adjusted means before 2015 were calculated slightly differently, with the results for multiple lakes pooled for the analysis of covariance (Davis et al. 2018). The site means computed by the earlier method were also independently derived and therefore comparable to those reported here.

Results

Summary of Fish Collected

In this fourth round of sampling for the long-term bass lake monitoring survey, 758 sport fish representing 15 species were collected from 28 lakes throughout California (Figure 2, Table 2a). A concise tabular summary of the data for each lake is provided in Appendix 2a. Data for mercury analyses on individual fish are provided in Appendix 3. Largemouth bass was the primary sport fish species sampled, with 356 fish collected from 23 lakes. One other black bass species (spotted bass) was also collected in four locations (89 fish). Bluegill (71 fish from eight locations) and common carp (44 fish from five locations) were the next most widely sampled species after black bass.

Small prey fish were also sampled. A total of 824 prey fish representing 11 species were collected from the 28 lakes (Figure 2, Table 2b). A concise tabulated summary of the data for each lake is provided in Appendix 2b. The most commonly sampled prey fish species were bluegill (246 fish from 18 locations) and young largemouth bass (222 fish from 20 locations).

Mercury

Sport Fish

Monitoring of mercury in adult black bass was the primary focus of this effort (Figures 3-6).

Mercury concentrations in 335 largemouth bass analyzed individually ranged from 0.01 ppm in three fish from Lake Wohlford (204, 220, and 245 mm in length; Figures 3) to 2.4 ppm in two fish (437 and 472 mm) from Soulejoule Lake (Figure 4). Mercury concentrations in 81 spotted bass ranged from 0.06 ppm in a 218 mm fish from Big Bear Lake to 1.40 ppm in a 356 mm fish from New Bullards Bar Reservoir (Figure 5).

Regressions of mercury versus length (using untransformed data) for each location sampled were used to generate estimates of mean concentrations for 350-mm black bass. One of the 22 lakes where length-adjusted means for black bass (including largemouth and spotted bass) could be calculated had a length-adjusted mean greater than 1.31 ppm (OEHHA's no consumption advisory tissue level [ATL] for women over 49 and men; referred to as the general population): Soulejoule Lake with a mean of 1.81 ppm. Ten of the black bass lakes had length-adjusted means greater than

0.44 ppm (OEHHA's no consumption ATL for women 18-49 and children 1-17; referred to as the sensitive population).

Lake Wohlford was the lake sampled in 2021 with the lowest length-adjusted mercury concentration (0.06 ppm in largemouth bass). Hansen Lake had the next-lowest length-adjusted concentration at 0.07 ppm. All of the other lakes had a length-adjusted concentration of 0.16 ppm or higher.

The Panel 4 lakes sampled in 2021 were randomly selected from an overall list of 187 lakes with black bass that were identified as priority water bodies for long-term monitoring. The 187 lakes were divided into five randomly selected groups, or panels. Since each panel was randomly selected from the overall list, the mean for each panel provides an unbiased estimate of the mean for the whole list of 187 priority bass lakes. The mean length-adjusted mercury concentration in 20 original Panel 4 lakes in 2021 (excluding lakes that were added to the sampling by request) was 0.50 ppm (Figure 7). This was considerably higher than the mean observed for Panel 1 in 2015 (0.30 ppm), and similar to the means observed for Panel 2 in 2017 (0.45 ppm) and Panel 3 in 2019 (0.48 ppm).

Seventy-seven percent of the 22 lakes with length-adjusted means sampled in 2021 had length-adjusted black bass means above 0.20 ppm (the statewide water quality objective for sport fish – SWRCB [2017]).

Prey Fish

The minimum mercury concentration in composite samples of prey fish was <0.01 ppm, occurring in a bluegill sample from Prado Lake in the Santa Ana Region (Region 8). The maximum concentration was 0.29 ppm in a largemouth bass sample from Lake Combie (Central Valley Region; Region 5). Of the 74 composite samples analyzed, 35 (46%) had concentrations greater than or equal to 0.05 ppm, the statewide water quality objective for mercury in prey fish (Figure 8).

Lakewide mean concentrations (across species) ranged from 0.01 ppm in Prado Lake and Lake Wohlford to a maximum of 0.24 ppm in Lake Combie (Figure 9). Eleven lakes out of the 26 sampled (42%) had a lakewide mean equal to or greater than 0.05 ppm.

Organic Contaminants

PCBs were analyzed in 30 composite samples of sport fish from 13 lakes; seven different species were analyzed. The two samples with the highest concentrations were both collected from Perris Reservoir: 31 ppb in a channel catfish composite and 25 ppb in a flathead catfish composite. The other samples with relatively high concentrations

were from El Capitan Lake (blue catfish composites with 21 and 19 ppb) and Belvedere Park Lake (a common carp composite at 20 ppb).

Legacy pesticides were analyzed in two channel catfish samples from O'Neill Lake. DDT concentrations were 5.5 and 2.6 ppb, dieldrin was not detected in either sample, and chlordane concentrations were 0.13 and 0.04 ppb.

Selenium

Selenium was measured primarily so that future risk assessments can consider risks due to combined exposure to mercury and selenium. However, some samples had concentrations that reached low levels of concern relative to OEHHA ATLs.

Selenium concentrations were measured in 93 composite samples of sport fish. Concentrations ranged from a minimum of 0.09 ppm to a maximum of 2.23 ppm, with a median of 0.23 ppm. The lowest OEHHA ATL for selenium is 1.0 ppm, with recommended consumption of 6 or fewer servings per week associated with concentrations above that level. Six of the 93 samples (6%) had concentrations equal to or greater than 1.0 ppm. The two highest concentrations were in redear sunfish samples from Gene Wash Reservoir (2.10 and 2.23 ppm).

Selenium concentrations were measured in 74 composite samples of prey fish. Concentrations ranged from a minimum of 0.12 ppm to a maximum of 1.87 ppm, with a median of 0.33 ppm. The highest concentration (1.87 ppm) was in a bluegill sample from Gene Wash Reservoir.

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Figures

Figure 1. Sampling locations for long-term bass lake monitoring

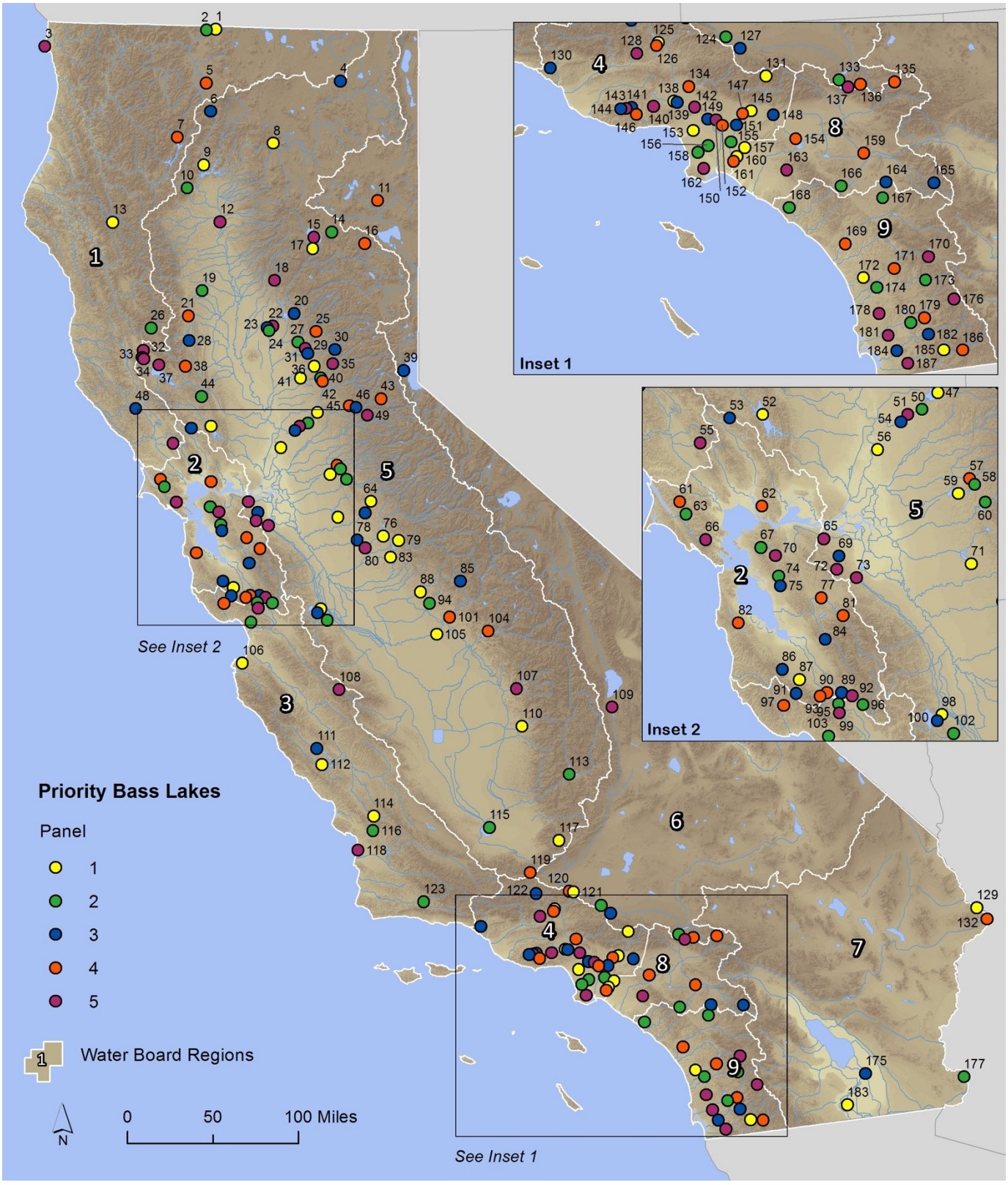


Figure 2. Sampling locations for long-term bass lake monitoring, Panel 4 (2021)

Map shows the original list of lakes included in Panel 4. Panel 4 lakes actually sampled in 2021 are listed in the table. Lafayette Reservoir and Diamond Valley Reservoir were also sampled but are not shown.

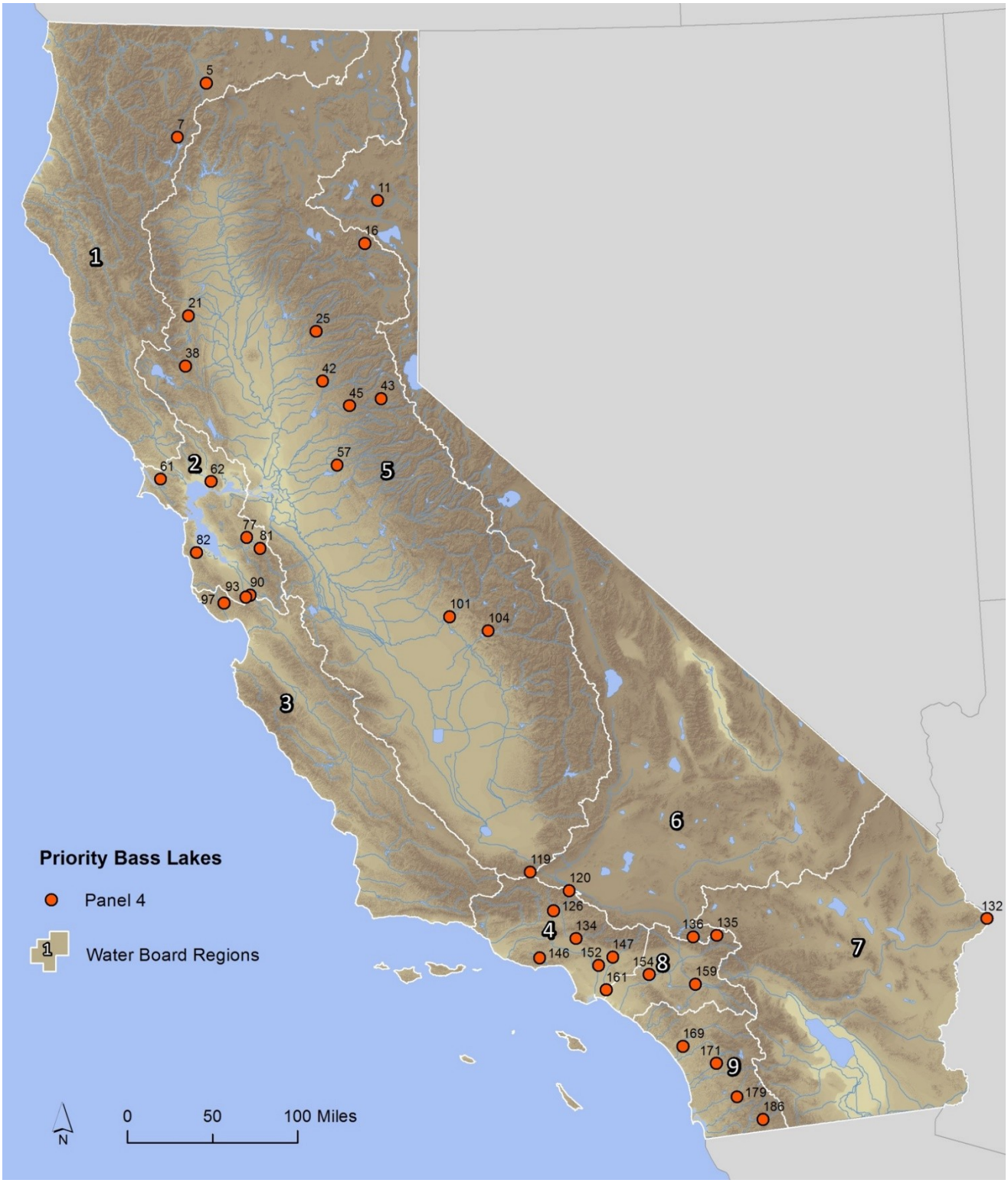


Figure 2. Continued. Sampling locations legend.

Region	Map Label	Station Name
2	90	Calero Reservoir
2	62	Chabot, Lake (Vallejo)
2	81	Del Valle Reservoir
2	82	Lower Crystal Springs Reservoir
2	77	Shadow Cliffs Reservoir
2	61	Soulejoule Lake
3	97	Loch Lomond Reservoir
4	152	Belvedere Park Lake
4	134	Hansen Dam Lake
4	147	Peck Road Water Conservation Park
5	57	Amador, Lake
5	42	Combie, Lake
5	45	Finnon Reservoir
5	101	Millerton Lake
5	25	New Bullards Bar Reservoir
5	104	Pine Flat Lake
5	43	Union Valley Reservoir
6	136	Arrowhead, Lake
7	132	Gene Wash Reservoir
8	135	Big Bear Lake
8	159	Perris Reservoir
8	154	Prado Lake
9	179	El Capitan
9	186	Morena Reservoir
9	169	O'Neill Lake
9	171	Wohlford, Lake

Figure 3. Mercury (ppm wet weight) versus length (mm) for largemouth bass (part 1)

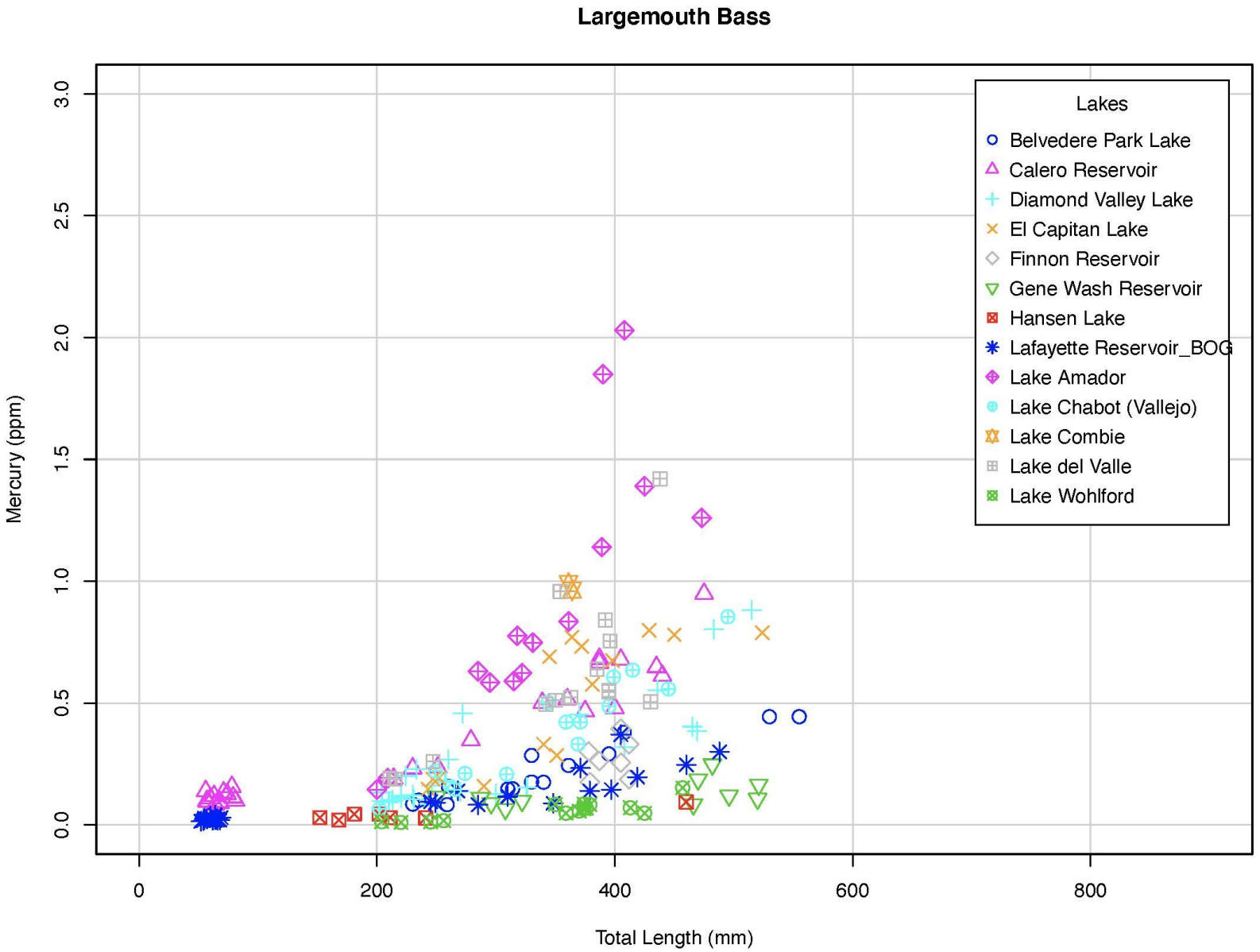


Figure 4. Mercury (ppm wet weight) versus length (mm) for largemouth bass (part 2)

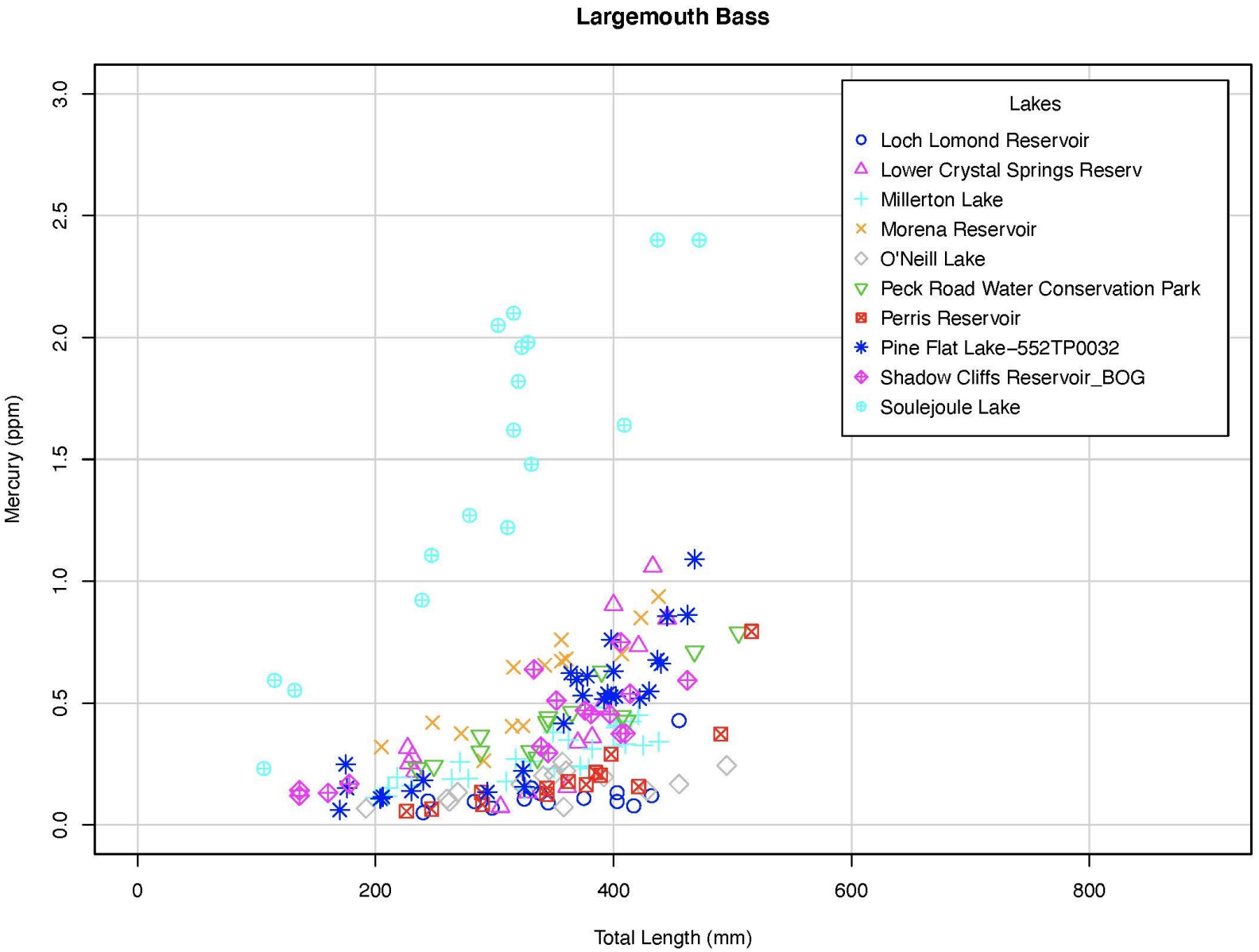


Figure 5. Mercury (ppm wet weight) versus length (mm) for spotted bass

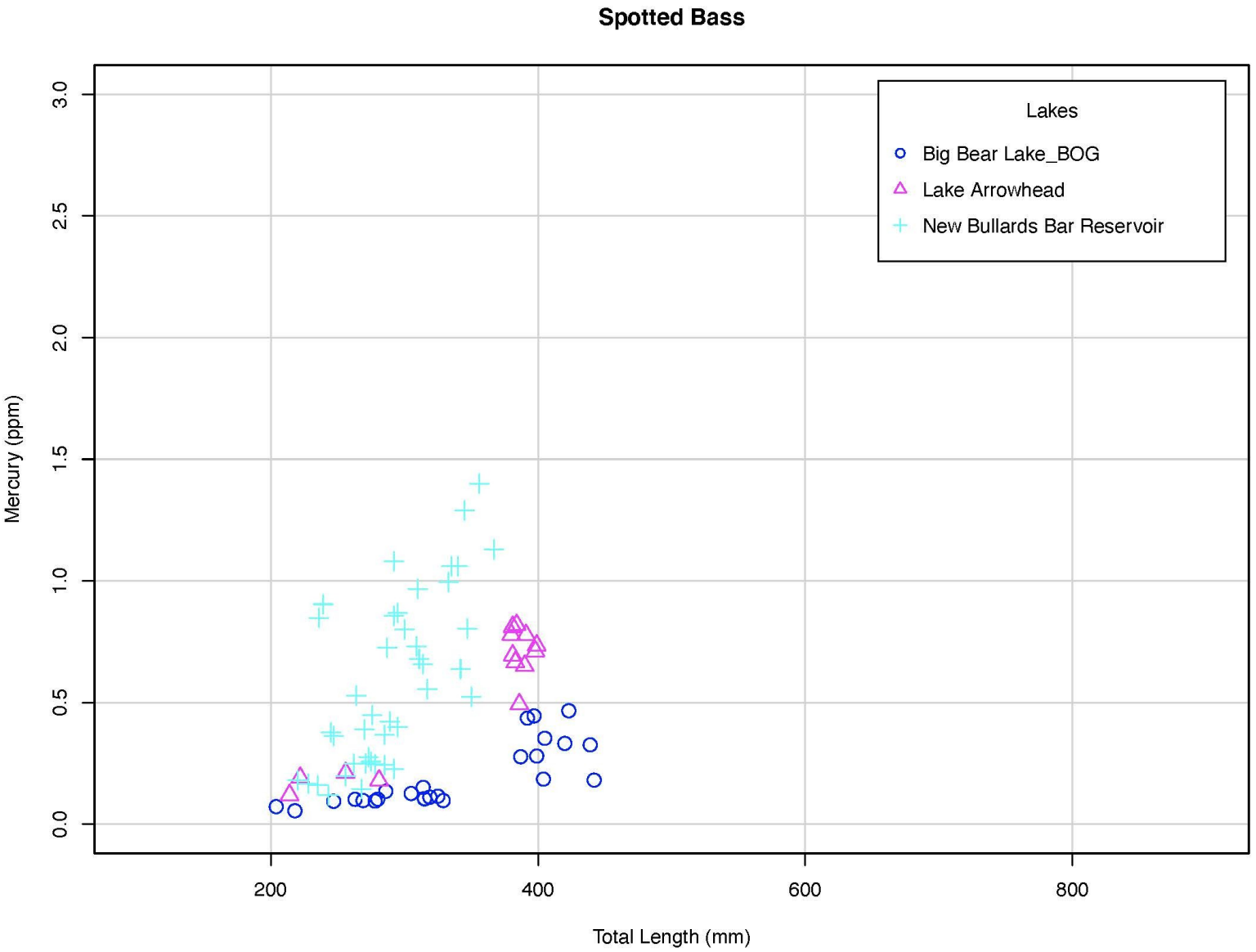


Figure 6. Mercury concentrations by species: sport fish

The points represent the composite and individual concentrations for each species; bars represent means. The orange line on the graph shows the 0.44 ppm ATL threshold for no consumption by women 18-49 and children 1-17. The purple line shows the 0.2 ppm statewide water quality objective for mercury in predator fish.

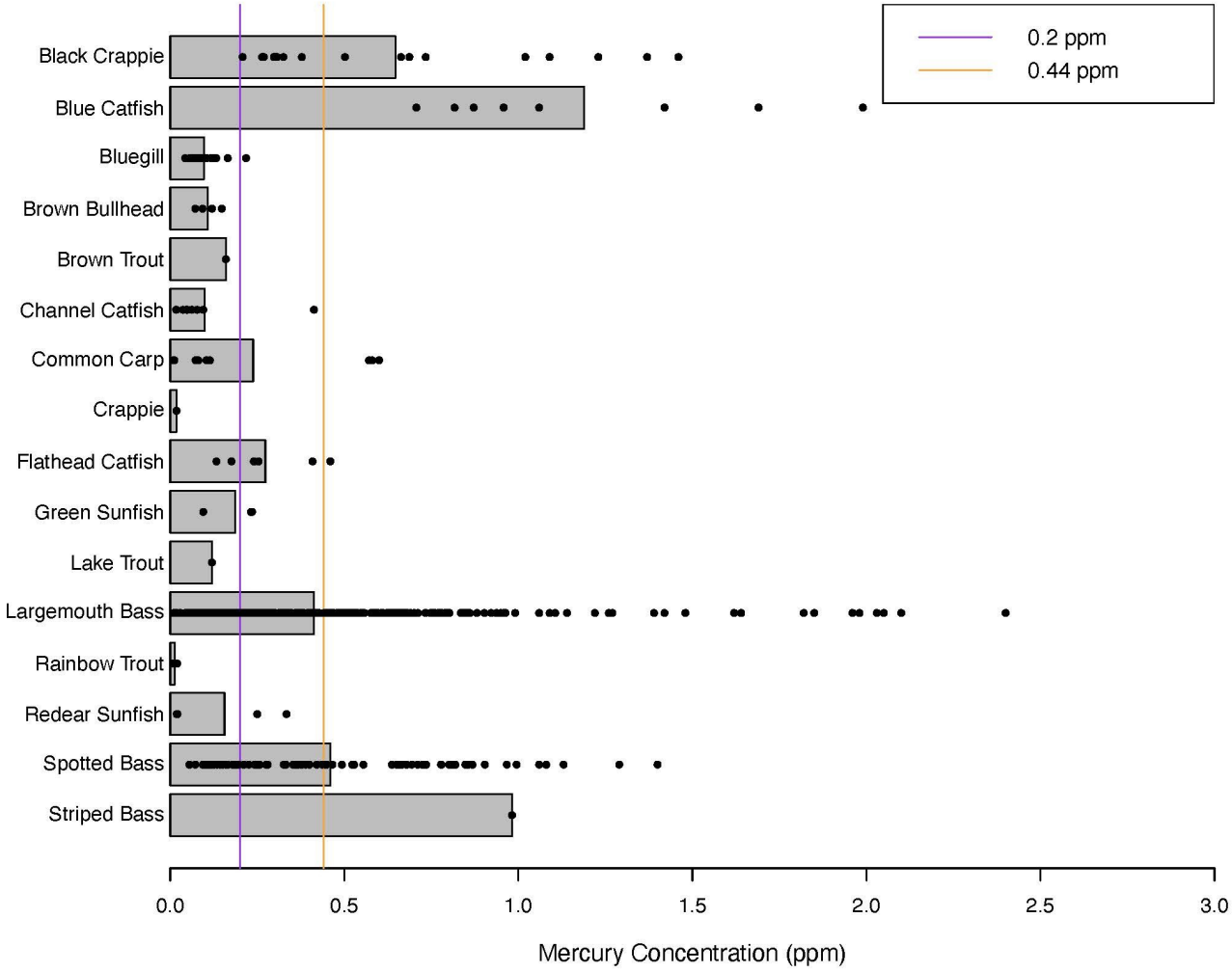


Figure 7. Statewide mean mercury concentration (ppm wet weight) in black bass

Based on length-adjusted means for lakes from the randomized panel for each year (excluding lakes added to the panels in response to Regional Board requests). Error bars show ± 2 times the standard error of the mean; red dashed line indicates the 0.2 ppm statewide water quality objective for predator fish.

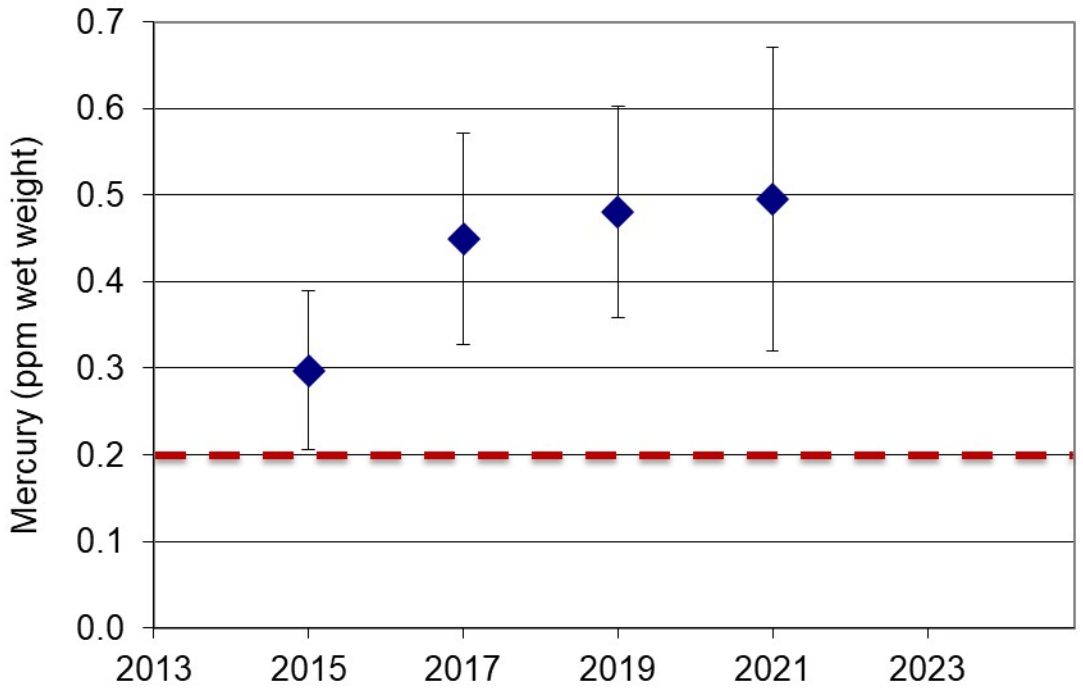


Figure 8. Mercury concentrations by species: prey fish

The points represent the composite sample concentrations for each species; the bar is the mean of the composite concentrations. The line shows the 0.05 ppm statewide water quality objective for mercury in prey fish.

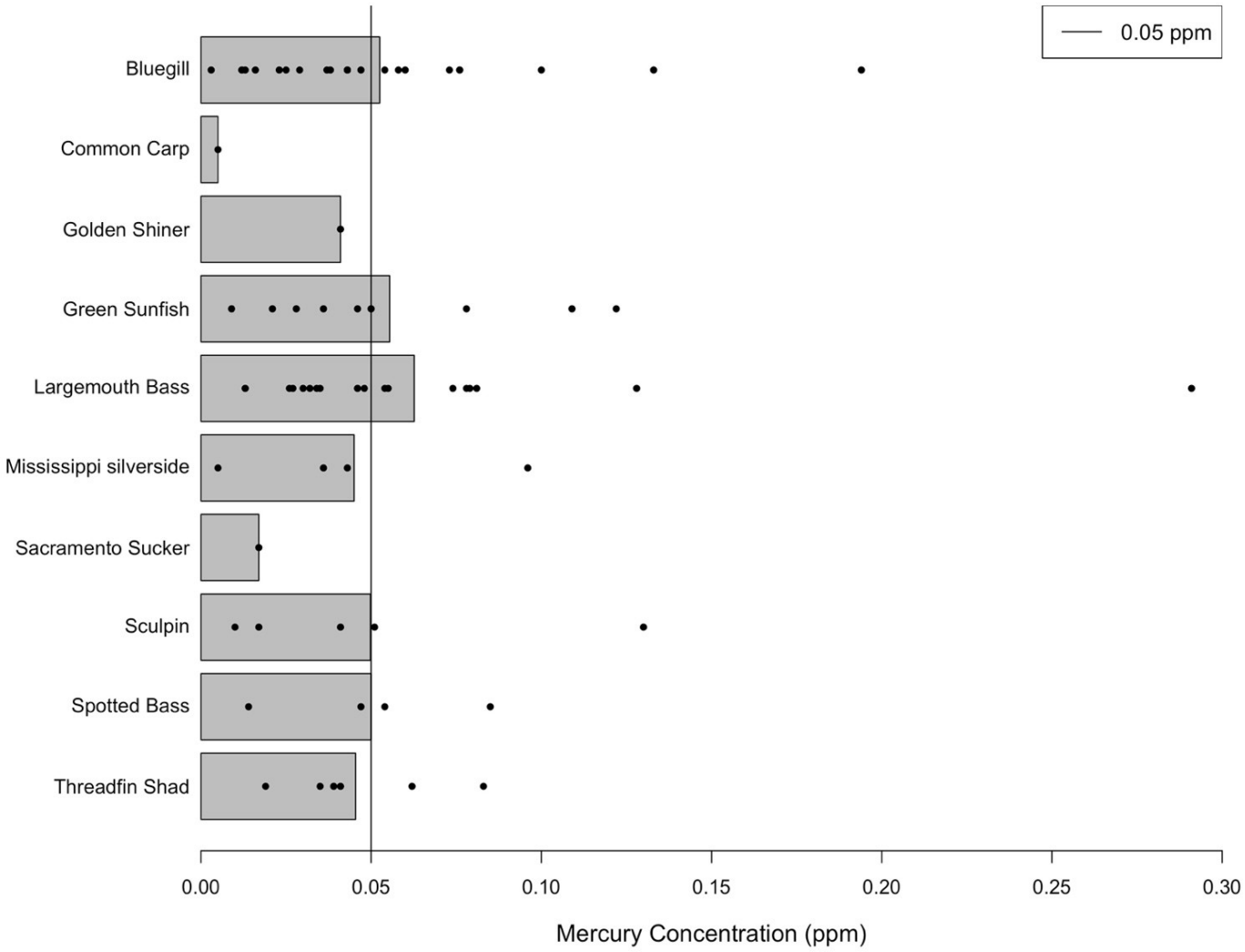
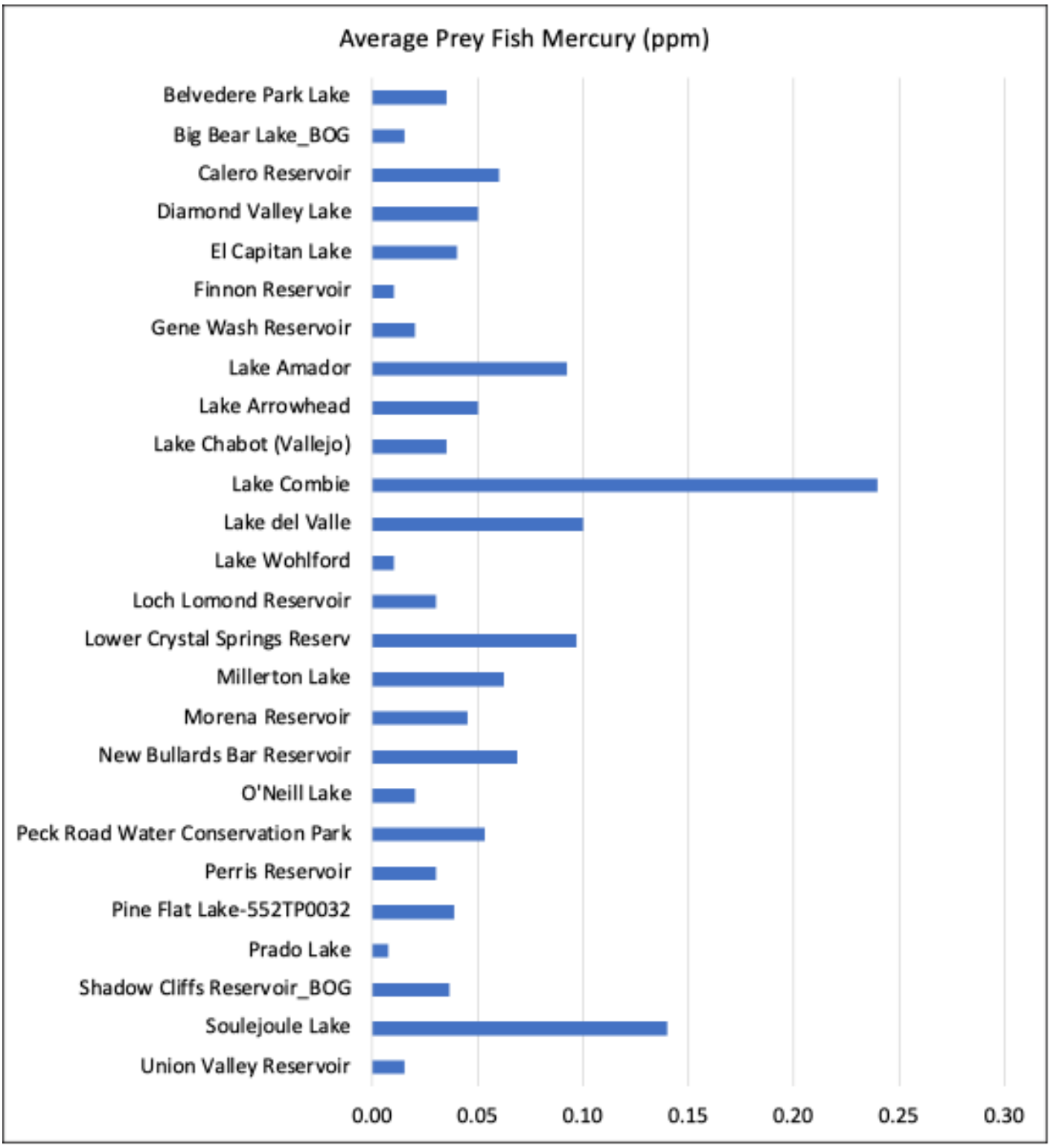


Figure 9. Lakewide mean mercury concentrations in prey fish



Tables

Table 1. Analytes included in the 2021 lakes sampling, detection limits, number of observations, and frequencies of detection and reporting

Laboratory	Class	Analyte	Method Detection Limit	Unit	Number of Observations	Frequency of Detection (%)	Frequency of Reporting (%)
AXYS	CHLORDANE	Chlordane, cis-	ug/Kg ww	0.00815	2	100	100
AXYS	CHLORDANE	Chlordane, trans-	ug/Kg ww	0.0076	2	0	0
AXYS	DDT	DDD(o,p')	ug/Kg ww	0.0071	2	50	50
AXYS	DDT	DDD(p,p')	ug/Kg ww	0.009	2	100	100
AXYS	DDT	DDE(o,p')	ug/Kg ww	0.0064	2	100	100
AXYS	DDT	DDE(p,p')	ug/Kg ww	0.00795	2	100	100
AXYS	DDT	DDT(o,p')	ug/Kg ww	0.01115	2	0	0
AXYS	DDT	DDT(p,p')	ug/Kg ww	0.01145	2	50	50
AXYS	DIELDRIN	Dieldrin	ug/Kg ww	0.01215	2	0	0
MPSL-DFW	MERCURY	Mercury	ug/g ww	0.003	664	100	100
AXYS	CHLORDANE	Nonachlor, cis-	ug/Kg ww	0.00625	2	100	100
AXYS	CHLORDANE	Nonachlor, trans-	ug/Kg ww	0.00975	2	50	50
AXYS	CHLORDANE	Oxychlordane	ug/Kg ww	0.0349	2	0	0
AXYS	PCB	PCB 001	ug/Kg ww	0.00006	30	97	97
AXYS	PCB	PCB 002	ug/Kg ww	0.00006	30	93	93
AXYS	PCB	PCB 003	ug/Kg ww	0.00006	30	100	100
AXYS	PCB	PCB 004	ug/Kg ww	0.00023	30	47	47
AXYS	PCB	PCB 005	ug/Kg ww	0.00018	30	20	20
AXYS	PCB	PCB 006	ug/Kg ww	0.00016	30	60	60

Laboratory	Class	Analyte	Method Detection Limit	Unit	Number of Observations	Frequency of Detection (%)	Frequency of Reporting (%)
AXYS	PCB	PCB 007	ug/Kg ww	0.00016	30	30	30
AXYS	PCB	PCB 008	ug/Kg ww	0.00015	30	87	87
AXYS	PCB	PCB 009	ug/Kg ww	0.00016	30	27	27
AXYS	PCB	PCB 010	ug/Kg ww	0.00016	30	13	13
AXYS	PCB	PCB 012/13	ug/Kg ww	0.00018	30	7	7
AXYS	PCB	PCB 014	ug/Kg ww	0.00017	30	3	3
AXYS	PCB	PCB 015	ug/Kg ww	0.0002	30	67	67
AXYS	PCB	PCB 016	ug/Kg ww	0.00006	30	67	67
AXYS	PCB	PCB 017	ug/Kg ww	0.00006	30	77	77
AXYS	PCB	PCB 018/30	ug/Kg ww	0.00006	30	93	93
AXYS	PCB	PCB 019	ug/Kg ww	0.00006	30	47	47
AXYS	PCB	PCB 020/28	ug/Kg ww	0.0001	30	100	100
AXYS	PCB	PCB 021/33	ug/Kg ww	0.0001	30	90	90
AXYS	PCB	PCB 022	ug/Kg ww	0.00011	30	97	97
AXYS	PCB	PCB 023	ug/Kg ww	0.00011	30	10	10
AXYS	PCB	PCB 024	ug/Kg ww	0.00006	30	20	20
AXYS	PCB	PCB 025	ug/Kg ww	0.00009	30	80	80
AXYS	PCB	PCB 026/29	ug/Kg ww	0.0001	30	93	93
AXYS	PCB	PCB 027	ug/Kg ww	0.00006	30	67	67
AXYS	PCB	PCB 031	ug/Kg ww	0.00009	30	100	100
AXYS	PCB	PCB 032	ug/Kg ww	0.0001	30	77	77
AXYS	PCB	PCB 034	ug/Kg ww	0.0001	30	50	50
AXYS	PCB	PCB 035	ug/Kg ww	0.0001	30	7	7

Laboratory	Class	Analyte	Method Detection Limit	Unit	Number of Observations	Frequency of Detection (%)	Frequency of Reporting (%)
AXYS	PCB	PCB 036	ug/Kg ww	0.0001	30	3	3
AXYS	PCB	PCB 037	ug/Kg ww	0.00012	30	100	100
AXYS	PCB	PCB 038	ug/Kg ww	0.0001	30	27	27
AXYS	PCB	PCB 039	ug/Kg ww	0.0001	30	57	57
AXYS	PCB	PCB 040/41/71	ug/Kg ww	0.00006	30	93	93
AXYS	PCB	PCB 042	ug/Kg ww	0.00006	30	97	97
AXYS	PCB	PCB 043	ug/Kg ww	0.00006	30	70	70
AXYS	PCB	PCB 044/47/65	ug/Kg ww	0.00006	30	100	100
AXYS	PCB	PCB 045/51	ug/Kg ww	0.00006	30	93	93
AXYS	PCB	PCB 046	ug/Kg ww	0.00006	30	47	47
AXYS	PCB	PCB 048	ug/Kg ww	0.00006	30	90	90
AXYS	PCB	PCB 049/69	ug/Kg ww	0.00006	30	100	100
AXYS	PCB	PCB 050/53	ug/Kg ww	0.00006	30	80	80
AXYS	PCB	PCB 052	ug/Kg ww	0.00006	30	100	100
AXYS	PCB	PCB 054	ug/Kg ww	0.00006	30	7	7
AXYS	PCB	PCB 055	ug/Kg ww	0.00051	30	63	63
AXYS	PCB	PCB 056	ug/Kg ww	0.0005	30	100	100
AXYS	PCB	PCB 057	ug/Kg ww	0.00048	30	37	37
AXYS	PCB	PCB 058	ug/Kg ww	0.00049	30	43	43
AXYS	PCB	PCB 059/62/75	ug/Kg ww	0.00006	30	87	87
AXYS	PCB	PCB 060	ug/Kg ww	0.0005	30	100	100
AXYS	PCB	PCB 061/70/74/76	ug/Kg ww	0.00043	30	100	100
AXYS	PCB	PCB 063	ug/Kg ww	0.00045	30	100	100

Laboratory	Class	Analyte	Method Detection Limit	Unit	Number of Observations	Frequency of Detection (%)	Frequency of Reporting (%)
AXYS	PCB	PCB 064	ug/Kg ww	0.00006	30	100	100
AXYS	PCB	PCB 066	ug/Kg ww	0.00046	30	100	100
AXYS	PCB	PCB 067	ug/Kg ww	0.00041	30	57	57
AXYS	PCB	PCB 068	ug/Kg ww	0.00045	30	90	90
AXYS	PCB	PCB 072	ug/Kg ww	0.00047	30	97	97
AXYS	PCB	PCB 073	ug/Kg ww	0.00006	30	3	3
AXYS	PCB	PCB 077	ug/Kg ww	0.00044	30	93	93
AXYS	PCB	PCB 078	ug/Kg ww	0.00043	30	0	0
AXYS	PCB	PCB 079	ug/Kg ww	0.00036	30	87	87
AXYS	PCB	PCB 080	ug/Kg ww	0.00042	30	0	0
AXYS	PCB	PCB 081	ug/Kg ww	0.00046	30	33	33
AXYS	PCB	PCB 082	ug/Kg ww	0.00022	30	87	87
AXYS	PCB	PCB 083/99	ug/Kg ww	0.00022	30	100	100
AXYS	PCB	PCB 084	ug/Kg ww	0.00025	30	80	80
AXYS	PCB	PCB 085/116/117	ug/Kg ww	0.00017	30	97	97
AXYS	PCB	PCB 086/87/97/108/119/125	ug/Kg ww	0.00017	30	100	100
AXYS	PCB	PCB 088/91	ug/Kg ww	0.0002	30	100	100
AXYS	PCB	PCB 089	ug/Kg ww	0.00023	30	30	30
AXYS	PCB	PCB 090/101/113	ug/Kg ww	0.00017	30	100	100
AXYS	PCB	PCB 092	ug/Kg ww	0.00022	30	100	100
AXYS	PCB	PCB 093/95/98/100/102	ug/Kg ww	0.0002	30	100	100
AXYS	PCB	PCB 094	ug/Kg ww	0.00024	30	30	30

Laboratory	Class	Analyte	Method Detection Limit	Unit	Number of Observations	Frequency of Detection (%)	Frequency of Reporting (%)
AXYS	PCB	PCB 096	ug/Kg ww	0.00006	30	10	10
AXYS	PCB	PCB 103	ug/Kg ww	0.00019	30	77	77
AXYS	PCB	PCB 104	ug/Kg ww	0.00006	30	0	0
AXYS	PCB	PCB 105	ug/Kg ww	0.00092	30	100	100
AXYS	PCB	PCB 106	ug/Kg ww	0.00089	30	0	0
AXYS	PCB	PCB 107/124	ug/Kg ww	0.00093	30	87	87
AXYS	PCB	PCB 109	ug/Kg ww	0.00086	30	97	97
AXYS	PCB	PCB 110/115	ug/Kg ww	0.00015	30	100	100
AXYS	PCB	PCB 111	ug/Kg ww	0.00015	30	33	33
AXYS	PCB	PCB 112	ug/Kg ww	0.00016	30	0	0
AXYS	PCB	PCB 114	ug/Kg ww	0.00099	30	93	93
AXYS	PCB	PCB 118	ug/Kg ww	0.00089	30	100	100
AXYS	PCB	PCB 120	ug/Kg ww	0.00015	30	73	73
AXYS	PCB	PCB 121	ug/Kg ww	0.00017	30	10	10
AXYS	PCB	PCB 122	ug/Kg ww	0.00097	30	80	80
AXYS	PCB	PCB 123	ug/Kg ww	0.00101	30	93	93
AXYS	PCB	PCB 126	ug/Kg ww	0.00103	30	57	57
AXYS	PCB	PCB 127	ug/Kg ww	0.00086	30	40	40
AXYS	PCB	PCB 128/166	ug/Kg ww	0.00046	30	100	100
AXYS	PCB	PCB 129/138/160/163	ug/Kg ww	0.00045	30	100	100
AXYS	PCB	PCB 130	ug/Kg ww	0.00057	30	87	87
AXYS	PCB	PCB 131	ug/Kg ww	0.00055	30	57	57
AXYS	PCB	PCB 132	ug/Kg ww	0.0006	30	97	97

Laboratory	Class	Analyte	Method Detection Limit	Unit	Number of Observations	Frequency of Detection (%)	Frequency of Reporting (%)
AXYS	PCB	PCB 133	ug/Kg ww	0.00051	30	100	100
AXYS	PCB	PCB 134/143	ug/Kg ww	0.00058	30	83	83
AXYS	PCB	PCB 135/151/154	ug/Kg ww	0.00006	30	100	100
AXYS	PCB	PCB 136	ug/Kg ww	0.00006	30	83	83
AXYS	PCB	PCB 137	ug/Kg ww	0.00052	30	97	97
AXYS	PCB	PCB 139/140	ug/Kg ww	0.00052	30	90	90
AXYS	PCB	PCB 141	ug/Kg ww	0.0005	30	97	97
AXYS	PCB	PCB 142	ug/Kg ww	0.00058	30	0	0
AXYS	PCB	PCB 144	ug/Kg ww	0.00006	30	77	77
AXYS	PCB	PCB 145	ug/Kg ww	0.00006	30	3	3
AXYS	PCB	PCB 146	ug/Kg ww	0.00048	30	100	100
AXYS	PCB	PCB 147/149	ug/Kg ww	0.0005	30	100	100
AXYS	PCB	PCB 148	ug/Kg ww	0.00006	30	50	50
AXYS	PCB	PCB 150	ug/Kg ww	0.00006	30	43	43
AXYS	PCB	PCB 152	ug/Kg ww	0.00006	30	10	10
AXYS	PCB	PCB 153/168	ug/Kg ww	0.00041	30	100	100
AXYS	PCB	PCB 155	ug/Kg ww	0.00006	30	50	50
AXYS	PCB	PCB 156/157	ug/Kg ww	0.00049	30	100	100
AXYS	PCB	PCB 158	ug/Kg ww	0.00036	30	100	100
AXYS	PCB	PCB 159	ug/Kg ww	0.00039	30	77	77
AXYS	PCB	PCB 161	ug/Kg ww	0.00038	30	0	0
AXYS	PCB	PCB 162	ug/Kg ww	0.00039	30	83	83
AXYS	PCB	PCB 164	ug/Kg ww	0.00039	30	93	93

Laboratory	Class	Analyte	Method Detection Limit	Unit	Number of Observations	Frequency of Detection (%)	Frequency of Reporting (%)
AXYS	PCB	PCB 165	ug/Kg ww	0.00045	30	17	17
AXYS	PCB	PCB 167	ug/Kg ww	0.00038	30	93	93
AXYS	PCB	PCB 169	ug/Kg ww	0.00059	30	0	0
AXYS	PCB	PCB 170	ug/Kg ww	0.00006	30	100	100
AXYS	PCB	PCB 171/173	ug/Kg ww	0.00006	30	97	97
AXYS	PCB	PCB 172	ug/Kg ww	0.00006	30	100	100
AXYS	PCB	PCB 174	ug/Kg ww	0.00006	30	100	100
AXYS	PCB	PCB 175	ug/Kg ww	0.00006	30	83	83
AXYS	PCB	PCB 176	ug/Kg ww	0.00006	30	80	80
AXYS	PCB	PCB 177	ug/Kg ww	0.00006	30	97	97
AXYS	PCB	PCB 178	ug/Kg ww	0.00006	30	100	100
AXYS	PCB	PCB 179	ug/Kg ww	0.00006	30	80	80
AXYS	PCB	PCB 180/193	ug/Kg ww	0.00006	30	100	100
AXYS	PCB	PCB 181	ug/Kg ww	0.00006	30	70	70
AXYS	PCB	PCB 182	ug/Kg ww	0.00006	30	63	63
AXYS	PCB	PCB 183/185	ug/Kg ww	0.00006	30	100	100
AXYS	PCB	PCB 184	ug/Kg ww	0.00006	30	63	63
AXYS	PCB	PCB 186	ug/Kg ww	0.00006	30	0	0
AXYS	PCB	PCB 187	ug/Kg ww	0.00006	30	100	100
AXYS	PCB	PCB 188	ug/Kg ww	0.00006	30	57	57
AXYS	PCB	PCB 189	ug/Kg ww	0.00008	30	87	87
AXYS	PCB	PCB 190	ug/Kg ww	0.00006	30	93	93
AXYS	PCB	PCB 191	ug/Kg ww	0.00006	30	87	87

Laboratory	Class	Analyte	Method Detection Limit	Unit	Number of Observations	Frequency of Detection (%)	Frequency of Reporting (%)
AXYS	PCB	PCB 192	ug/Kg ww	0.00006	30	3	3
AXYS	PCB	PCB 194	ug/Kg ww	0.00007	30	100	100
AXYS	PCB	PCB 195	ug/Kg ww	0.00007	30	93	93
AXYS	PCB	PCB 196	ug/Kg ww	0.00006	30	93	93
AXYS	PCB	PCB 197/200	ug/Kg ww	0.00006	30	73	73
AXYS	PCB	PCB 198/199	ug/Kg ww	0.00006	30	100	100
AXYS	PCB	PCB 201	ug/Kg ww	0.00006	30	87	87
AXYS	PCB	PCB 202	ug/Kg ww	0.00006	30	93	93
AXYS	PCB	PCB 203	ug/Kg ww	0.00006	30	100	100
AXYS	PCB	PCB 204	ug/Kg ww	0.00006	30	17	17
AXYS	PCB	PCB 205	ug/Kg ww	0.00007	30	83	83
AXYS	PCB	PCB 206	ug/Kg ww	0.00012	30	100	100
AXYS	PCB	PCB 207	ug/Kg ww	0.00009	30	100	100
AXYS	PCB	PCB 208	ug/Kg ww	0.0001	30	100	100
AXYS	PCB	PCB 209	ug/Kg ww	0.00006	30	97	97
MPSL-DFW	SELENIUM	Selenium	ug/g ww	0.22527	169	66	66

Table 2a. Scientific and common names of sport fish species collected in the 2021 monitoring of lakes and reservoirs in California, the number of locations in which they were sampled, numbers of individual or composite samples, their minimum, median, and maximum total lengths (mm), and whether they were analyzed as composites or individuals (x = yes; - = no)

Species Name	Common Name	Sample Totals		Composites		Individuals		Length Statistics (mm)			Analyzed as…	
		Num. Fish	Num. Locations	Num. Samples	Num. Locations	Num. Samples	Num. Locations	Min	Median	Max	Composites	Individuals
Ameiurus nebulosus	Brown Bullhead	20	2	4	2	0	0	204	338	377	x	-
Cyprinus carpio	Common Carp	44	5	9	5	0	0	370	461	610	x	-
Ictalurus furcatus	Blue Catfish	8	1	2	1	8	1	795	911	1070	x	x
Ictalurus punctatus	Channel Catfish	39	5	8	5	0	0	385	489	650	x	-
Lepomis cyanellus	Green Sunfish	15	1	3	1	0	0	128	150	180	x	-
Lepomis macrochirus	Bluegill	71	8	14	7	3	1	111	151	214	x	x
Lepomis microlophus	Redear Sunfish	19	2	4	2	0	0	152	182	211	x	-
Micropterus punctulatus	Spotted Bass	89	4	6	4	81	3	181	305	455	x	x
Micropterus salmoides	Largemouth Bass	335	23	29	22	335	23	152	356	557	x	x
Morone saxatilis	Striped Bass	1	1	0	0	1	1	670	670	670	-	x
Oncorhynchus mykiss	Rainbow Trout	40	4	5	4	16	3	212	347.5	461	x	x

Species Name	Common Name	Sample Totals		Composites		Individuals		Length Statistics (mm)			Analyzed as…	
		Num. Fish	Num. Locations	Num. Samples	Num. Locations	Num. Samples	Num. Locations	Min	Median	Max	Composites	Individuals
Pomoxis nigromaculatus	Black Crappie	20	2	2	1	20	2	196	215.5	269	x	x
Pylodictis olivaris	Flathead Catfish	34	3	7	3	0	0	346	525	825	x	-
Salmo trutta	Brown Trout	1	1	0	0	1	1	514	514	514	-	x
Salvelinus namaycush	Lake Trout	1	1	0	0	1	1	452	452	452	-	x
	Totals	758	-	93	-	466	-	-	-	-	-	-

Table 2b. Scientific and common names of prey fish species collected in the 2021 monitoring of lakes and reservoirs in California, the number of locations in which they were sampled, and their minimum, median, and maximum total lengths (mm), whether they were analyzed as composites or individuals (x = yes; - = no)

		Sample Totals		Composites		Individuals		Length Statistics (mm)			Analyzed as…	
Species Name	Common Name	Num. Fish	Num. Locations	Num. Samples	Num. Locations	Num. Samples	Num. Locations	Min	Median	Max	Composites	Individuals
Catostomus occidentalis	Sacramento Sucker	10	1	1	1	0	0	36	38	43	x	-
Cottus	Sculpin	70	6	5	4	20	2	35	66	95	x	x
Cyprinus carpio	Common Carp	10	1	1	1	0	0	33	38	45	x	-
Dorosoma petenense	Threadfin Shad	70	6	7	6	0	0	44	61	96	x	-
Lepomis cyanellus	Green Sunfish	96	7	9	6	10	1	7	72	100	x	x
Lepomis macrochirus	Bluegill	246	18	23	17	12	1	16	70	110	x	x
Menidia audens	Mississippi silverside	40	4	4	4	0	0	61	70	89	x	-
Micropterus punctulatus	Spotted Bass	40	2	4	2	0	0	35	64	99	x	-
Micropterus salmoides	Largemouth Bass	222	20	19	16	32	4	43	70	136	x	x
Notemigonus crysoleucas	Golden Shiner	10	1	1	1	0	0	67	73	80	x	-
Pomoxis	Crappie	10	1	1	1	0	0	68	78	89	x	-
	Totals	824	-	75	-	74	-	-	-	-	-	-

Appendices

Appendix 1. Cruise report for the 2021 bass lakes survey

The cruise report for the 2021 lakes survey can be found on SWAMP Bioaccumulation Monitoring Program website.

Appendix 2a. Summary of sport fish results for the 2021 lakes survey: composites or means at each location

Region	Station Name	Location	Sample Type	Common Name	SampleID	Mercury (µg/g ww)	Selenium (µg/g ww)	Sum of PCBs (ng/g ww)	Sum of DDTs (ng/g ww)	Dieldrin (ng/g ww)	Sum of Chlordane (ng/g ww)
2	Calero Reservoir	NA	350 mm Length-Adjusted	Largemouth Bass	NA	0.52					
2	Calero Reservoir	NA	Composite	Largemouth Bass	C1_205PCR128BOG21LMB		0.12				
2	Lafayette Reservoir_BOG	NA	350 mm Length-Adjusted	Largemouth Bass	NA	0.17					
2	Lafayette Reservoir_BOG	NA	Composite	Crappie	P1_207PLF001BOG21CRP	0.02	0.12				
2	Lafayette Reservoir_BOG	NA	Composite	Largemouth Bass	C1_207PLF001BOG21LMB		0.12	0.5			
2	Lake Chabot (Vallejo)	NA	350 mm Length-Adjusted	Largemouth Bass	NA	0.41					
2	Lake Chabot (Vallejo)	NA	Composite	Bluegill	C1_206PLC157BOG21BGL	0.08	0.31				
2	Lake Chabot (Vallejo)	NA	Composite	Bluegill	C2_206PLC157BOG21BGL	0.08	0.32				
2	Lake Chabot (Vallejo)	NA	Composite	Largemouth Bass	C1_206PLC157BOG21LMB		0.35	10.4			
2	Lake Chabot (Vallejo)	NA	Composite	Largemouth Bass	C2_206PLC157BOG21LMB		0.23	3.8			
2	Lake del Valle	NA	350 mm Length-Adjusted	Largemouth Bass	NA	0.60					
2	Lake del Valle	NA	Composite	Largemouth Bass	C1_204PDV169BOG21LMB		0.33				

Region	Station Name	Location	Sample Type	Common Name	SampleID	Mercury (µg/g ww)	Selenium (µg/g ww)	Sum of PCBs (ng/g ww)	Sum of DDTs (ng/g ww)	Dieldrin (ng/g ww)	Sum of Chlordane (ng/g ww)
2	Lower Crystal Springs Reserv	NA	350 mm Length-Adjusted	Largemouth Bass	NA	0.47					
2	Lower Crystal Springs Reserv	NA	Composite	Largemouth Bass	C1_204TC0114BOG21LMB		0.12				
2	Shadow Cliffs Reservoir_BOG	NA	350 mm Length-Adjusted	Largemouth Bass	NA	0.43					
2	Shadow Cliffs Reservoir_BOG	NA	Average of Individuals	Green Sunfish	NA	0.04					
2	Shadow Cliffs Reservoir_BOG	NA	Composite	Channel Catfish	C1_204PSC113BOG21CHC	0.10	0.12	2.6			
2	Shadow Cliffs Reservoir_BOG	NA	Composite	Largemouth Bass	C1_204PSC113BOG21LMB		0.12				
2	Shadow Cliffs Reservoir_BOG	NA	Composite	Rainbow Trout	C1_204PSC113BOG21RBT		0.12				
2	Soulejoule Lake	NA	350 mm Length-Adjusted	Largemouth Bass	NA	1.81					
2	Soulejoule Lake	NA	Average of Individuals	Black Crappie	NA	1.00					
2	Soulejoule Lake	NA	Average of Individuals	Bluegill	NA	0.22					
2	Soulejoule Lake	NA	Composite	Brown Bullhead	C1_201PSL093BOG21BRB	0.12	0.12				
2	Soulejoule Lake	NA	Composite	Brown Bullhead	C2_201PSL093BOG21BRB	0.15	0.12				
2	Soulejoule Lake	NA	Composite	Largemouth Bass	C1_201PSL093BOG21LMB		0.12				

Region	Station Name	Location	Sample Type	Common Name	SampleID	Mercury (µg/g ww)	Selenium (µg/g ww)	Sum of PCBs (ng/g ww)	Sum of DDTs (ng/g ww)	Dieldrin (ng/g ww)	Sum of Chlordane (ng/g ww)
3	Loch Lomond Reservoir	NA	Average of Individuals >=305 mm	Largemouth Bass	NA	0.14					
3	Loch Lomond Reservoir	NA	Composite	Largemouth Bass	C1_304PLL184BOG21LMB		0.67				
4	Belvedere Park Lake	NA	350 mm Length-Adjusted	Largemouth Bass	NA	0.23					
4	Belvedere Park Lake	NA	Composite	Common Carp	C1_412BLDPRKBOG21CAR	0.08	0.62	20.3			
4	Belvedere Park Lake	NA	Composite	Largemouth Bass	C1_412BLDPRKBOG21LMB		0.52				
4	Hansen Lake	NA	350 mm Length-Adjusted	Largemouth Bass	NA	0.07					
4	Peck Road Water Conservation Park	NA	350 mm Length-Adjusted	Largemouth Bass	NA	0.42					
4	Peck Road Water Conservation Park	NA	Composite	Bluegill	C1_412PECPRKBOG21BGL	0.12	0.25	6.4			
4	Peck Road Water Conservation Park	NA	Composite	Common Carp	C1_412PECPRKBOG21CAR	0.10	0.25	8.4			
4	Peck Road Water Conservation Park	NA	Composite	Common Carp	C2_412PECPRKBOG21CAR	0.11	0.26	7.4			
4	Peck Road Water Conservation Park	NA	Composite	Largemouth Bass	C1_412PECPRKBOG21LMB		0.12	12.6			
4	Peck Road Water Conservation Park	NA	Composite	Largemouth Bass	C2_412PECPRKBOG21LMB		0.12	8.5			
5	Finnon Reservoir	NA	Average of Individuals >=305 mm	Largemouth Bass	NA	0.27					

Region	Station Name	Location	Sample Type	Common Name	SampleID	Mercury (µg/g ww)	Selenium (µg/g ww)	Sum of PCBs (ng/g ww)	Sum of DDTs (ng/g ww)	Dieldrin (ng/g ww)	Sum of Chlordane (ng/g ww)
5	Finnon Reservoir	NA	Composite	Largemouth Bass	C1_514FINONRBOG21LMB		0.12	0.2			
5	Lake Amador	NA	350 mm Length-Adjusted	Largemouth Bass	NA	0.99					
5	Lake Amador	NA	Composite	Channel Catfish	C1_532PLA129BOG21CHC	0.41	0.12				
5	Lake Amador	NA	Composite	Common Carp	C1_532PLA129BOG21CAR	0.07	0.28				
5	Lake Amador	NA	Composite	Largemouth Bass	C1_532PLA129BOG21LMB		0.28				
5	Lake Combie	NA	Average of Individuals >=305 mm	Largemouth Bass	NA	0.98					
5	Lake Combie	NA	Composite	Largemouth Bass	C1_516TC0293BOG21LMB		0.26	1.8			
5	Lake Combie	NA	Composite	Largemouth Bass	C2_516TC0293BOG21LMB		0.26	1.3			
5	Lake Combie	NA	Composite	Redear Sunfish	C1_516TC0293BOG21RES	0.33	0.60				
5	Lake Combie	NA	Composite	Redear Sunfish	C2_516TC0293BOG21RES	0.25	0.68				
5	Millerton Lake	L1	350 mm Length-Adjusted L1	Largemouth Bass	NA	0.28					
5	Millerton Lake	L1	Composite L1	Bluegill	C1_540PML138L1BOG21BGL	0.10	0.09				
5	Millerton Lake	L1	Composite L1	Largemouth Bass	C1_540PML138L1BOG21LMB		0.22				

Region	Station Name	Location	Sample Type	Common Name	SampleID	Mercury (µg/g ww)	Selenium (µg/g ww)	Sum of PCBs (ng/g ww)	Sum of DDTs (ng/g ww)	Dieldrin (ng/g ww)	Sum of Chlordane (ng/g ww)
5	Millerton Lake	L2	350 mm Length-Adjusted L2	Largemouth Bass	NA	0.31					
5	Millerton Lake	L2	Composite L2	Bluegill	C1_540PML138L2BOG21BGL	0.09	0.20				
5	Millerton Lake	L2	Composite L2	Bluegill	C2_540PML138L2BOG21BGL	0.09	0.18				
5	Millerton Lake	L2	Composite L2	Largemouth Bass	C1_540PML138L2BOG21LMB		0.24				
5	New Bullards Bar Reservoir	L1	350 mm Length-Adjusted L1	Spotted Bass	NA	1.07					
5	New Bullards Bar Reservoir	L1	Composite L1	Common Carp	C1_517PNB117L1BOG21CAR	0.58	0.29				
5	New Bullards Bar Reservoir	L1	Composite L1	Green Sunfish	C1_517PNB117L1BOG21GRS	0.23	0.29				
5	New Bullards Bar Reservoir	L1	Composite L1	Spotted Bass	C1_517PNB117L1BOG21SPB		0.28				
5	New Bullards Bar Reservoir	L2	350 mm Length-Adjusted L2	Spotted Bass	NA	0.67					
5	New Bullards Bar Reservoir	L2	Average of Individuals L2	Spotted Bass	NA		0.29				
5	New Bullards Bar Reservoir	L2	Composite L2	Common Carp	C1_517PNB117L2BOG21CAR	0.57	0.32				
5	New Bullards Bar Reservoir	L2	Composite L2	Green Sunfish	C1_517PNB117L2BOG21GRS	0.10	0.25				
5	New Bullards Bar Reservoir	L3	Average of Individuals >=305 mm L3	Spotted Bass	NA	0.90					

Region	Station Name	Location	Sample Type	Common Name	SampleID	Mercury (µg/g ww)	Selenium (µg/g ww)	Sum of PCBs (ng/g ww)	Sum of DDTs (ng/g ww)	Dieldrin (ng/g ww)	Sum of Chlordane (ng/g ww)
5	New Bullards Bar Reservoir	L3	Composite L3	Common Carp	C1_517PNB117L3BOG21CAR	0.60	0.41				
5	New Bullards Bar Reservoir	L3	Composite L3	Green Sunfish	C1_517PNB117L3BOG21GRS	0.24	0.12				
5	New Bullards Bar Reservoir	L3	Composite L3	Spotted Bass	C1_517PNB117L3BOG21SPB		0.12				
5	Pine Flat Lake-552TP0032	L1	350 mm Length-Adjusted L1	Largemouth Bass	NA	0.46					
5	Pine Flat Lake-552TP0032	L1	Composite L1	Bluegill	C1_552TP0032L1BOG21BGL	0.04	0.12				
5	Pine Flat Lake-552TP0032	L1	Composite L1	Largemouth Bass	C1_552TP0032L1BOG21LMB		0.12				
5	Pine Flat Lake-552TP0032	L2	350 mm Length-Adjusted L2	Largemouth Bass	NA	0.48					
5	Pine Flat Lake-552TP0032	L2	Composite L2	Bluegill	C1_552TP0032L2BOG21BGL	0.06	0.12				
5	Pine Flat Lake-552TP0032	L2	Composite L2	Largemouth Bass	C1_552TP0032L2BOG21LMB		0.12				
5	Union Valley Reservoir	L2	Average of Individuals L2	Brown Trout	NA	0.16					
5	Union Valley Reservoir	L2	Average of Individuals L2	Lake Trout	NA	0.12					
5	Union Valley Reservoir	L2	Average of Individuals L2	Rainbow Trout	NA	0.01					
5	Union Valley Reservoir	L2	Composite L2	Rainbow Trout	C1_514PUV156L2BOG21RBT		0.26				
5	Union Valley Reservoir	L2	Composite L2	Spotted Bass	C1_514PUV156L2BOG21SPB		0.12				

Region	Station Name	Location	Sample Type	Common Name	SampleID	Mercury (µg/g ww)	Selenium (µg/g ww)	Sum of PCBs (ng/g ww)	Sum of DDTs (ng/g ww)	Dieldrin (ng/g ww)	Sum of Chlordane (ng/g ww)
6	Lake Arrowhead	NA	350 mm Length-Adjusted	Spotted Bass	NA	0.57					
6	Lake Arrowhead	NA	Average of Individuals	Rainbow Trout	NA	0.01					
6	Lake Arrowhead	NA	Composite	Bluegill	C1_628PLA091BOG21BGL	0.11	0.12				
6	Lake Arrowhead	NA	Composite	Bluegill	C2_628PLA091BOG21BGL	0.13	0.12				
6	Lake Arrowhead	NA	Composite	Brown Bullhead	C1_628PLA091BOG21BRB	0.09	0.12				
6	Lake Arrowhead	NA	Composite	Brown Bullhead	C2_628PLA091BOG21BRB	0.07	0.12				
6	Lake Arrowhead	NA	Composite	Rainbow Trout	C1_628PLA091BOG21RBT		0.12				
6	Lake Arrowhead	NA	Composite	Spotted Bass	C1_628PLA091BOG21SPB		0.12				
7	Gene Wash Reservoir	NA	Average of Individuals >=305 mm	Largemouth Bass	NA	0.13					
7	Gene Wash Reservoir	NA	Composite	Flathead Catfish	C1_714TG0155BOG21FHC	0.25	0.91				
7	Gene Wash Reservoir	NA	Composite	Flathead Catfish	C2_714TG0155BOG21FHC	0.13	0.87				
7	Gene Wash Reservoir	NA	Composite	Largemouth Bass	C1_714TG0155BOG21LMB		1.54				
7	Gene Wash Reservoir	NA	Composite	Redear Sunfish	C1_714TG0155BOG21RES	0.02	2.10				

Region	Station Name	Location	Sample Type	Common Name	SampleID	Mercury (µg/g ww)	Selenium (µg/g ww)	Sum of PCBs (ng/g ww)	Sum of DDTs (ng/g ww)	Dieldrin (ng/g ww)	Sum of Chlordane (ng/g ww)
7	Gene Wash Reservoir	NA	Composite	Redear Sunfish	C2_714TG0155BOG21RES	0.02	2.23				
8	Big Bear Lake_BOG	L1	350 mm Length-Adjusted L1	Spotted Bass	NA	0.21					
8	Big Bear Lake_BOG	L1	Composite L1	Rainbow Trout	C1_801PBB131L1BOG21RBT		0.12	1.5			
8	Big Bear Lake_BOG	L1	Composite L1	Spotted Bass	C1_801PBB131L1BOG21SPB		0.23				
8	Big Bear Lake_BOG	L2	350 mm Length-Adjusted L2	Spotted Bass	NA	0.22					
8	Big Bear Lake_BOG	L2	Average of Individuals L2	Rainbow Trout	NA	0.02					
8	Big Bear Lake_BOG	L2	Composite L2	Rainbow Trout	C1_801PBB131L2BOG21RBT		0.12	4.2			
8	Big Bear Lake_BOG	L2	Composite L2	Spotted Bass	C1_801PBB131L2BOG21SPB		0.23				
8	Perris Reservoir	L1	Composite L1	Channel Catfish	C1_802PPR203L1BOG21CHC	0.04	0.12	13.0			
8	Perris Reservoir	L1	Composite L1	Flathead Catfish	C1_802PPR203L1BOG21FHC	0.24	0.12	25.3			
8	Perris Reservoir	L1	Composite L1	Largemouth Bass	C1_802PPR203L1BOG21LMB		0.32	2.2			
8	Perris Reservoir	L2	350 mm Length-Adjusted L2	Largemouth Bass	NA	0.19					
8	Perris Reservoir	L2	Composite L2	Channel Catfish	C1_802PPR203L2BOG21CHC	0.06	0.12	31.1			
8	Perris Reservoir	L2	Composite L2	Largemouth Bass	C1_802PPR203L2BOG21LMB		0.32	4.5			

Region	Station Name	Location	Sample Type	Common Name	SampleID	Mercury (µg/g ww)	Selenium (µg/g ww)	Sum of PCBs (ng/g ww)	Sum of DDTs (ng/g ww)	Dieldrin (ng/g ww)	Sum of Chlordane (ng/g ww)
8	Prado Lake	NA	Composite	Common Carp	C1_801PPP187BOG21CAR	0.01	0.12				
8	Prado Lake	NA	Composite	Common Carp	C2_801PPP187BOG21CAR	0.01	0.12				
9	Diamond Valley Lake	L1	350 mm Length-Adjusted L1	Largemouth Bass	NA	0.34					
9	Diamond Valley Lake	L1	Composite L1	Flathead Catfish	C1_902DMDVLKL1BOG21FHC	0.18	0.25	1.3			
9	Diamond Valley Lake	L1	Composite L1	Flathead Catfish	C2_902DMDVLKL1BOG21FHC	0.46	0.25	2.5			
9	Diamond Valley Lake	L1	Composite L1	Largemouth Bass	C1_902DMDVLKL1BOG21LMB		0.39				
9	Diamond Valley Lake	L2	350 mm Length-Adjusted L2	Largemouth Bass	NA	0.37					
9	Diamond Valley Lake	L2	Average of Individuals L2	Striped Bass	NA	0.98					
9	Diamond Valley Lake	L2	Composite L2	Flathead Catfish	C1_902DMDVLKL2BOG21FHC	0.24	0.26	1.4			
9	Diamond Valley Lake	L2	Composite L2	Flathead Catfish	C2_902DMDVLKL2BOG21FHC	0.41	0.26	2.9			
9	Diamond Valley Lake	L2	Composite L2	Largemouth Bass	C1_902DMDVLKL2BOG21LMB		0.46				
9	El Capitan Lake	NA	350 mm Length-Adjusted	Largemouth Bass	NA	0.49					
9	El Capitan Lake	NA	Average of Individuals	Blue Catfish	NA	1.19					
9	El Capitan Lake	NA	Composite	Blue Catfish	C1_907PEC062BOG21BLC		0.32	19.0			

Region	Station Name	Location	Sample Type	Common Name	SampleID	Mercury (µg/g ww)	Selenium (µg/g ww)	Sum of PCBs (ng/g ww)	Sum of DDTs (ng/g ww)	Dieldrin (ng/g ww)	Sum of Chlordane (ng/g ww)
9	El Capitan Lake	NA	Composite	Blue Catfish	C2_907PEC062BOG21BLC		0.26	20.8			
9	El Capitan Lake	NA	Composite	Bluegill	C1_907PEC062BOG21BGL	0.08	0.64				
9	El Capitan Lake	NA	Composite	Bluegill	C2_907PEC062BOG21BGL	0.06	1.00				
9	El Capitan Lake	NA	Composite	Largemouth Bass	C1_907PEC062BOG21LMB		1.02				
9	Lake Wohlford	NA	350 mm Length-Adjusted	Largemouth Bass	NA	0.06					
9	Lake Wohlford	NA	Composite	Channel Catfish	C1_904PLW126BOG21CHC	0.02	0.12	0.8			
9	Lake Wohlford	NA	Composite	Channel Catfish	C2_904PLW126BOG21CHC	0.05	0.23	1.1			
9	Lake Wohlford	NA	Composite	Largemouth Bass	C1_904PLW126BOG21LMB		0.48				
9	Morena Reservoir	NA	350 mm Length-Adjusted	Largemouth Bass	NA	0.63					
9	Morena Reservoir	NA	Average of Individuals	Black Crappie	NA	0.30					
9	Morena Reservoir	NA	Composite	Black Crappie	C1_911PMR110BOG21BCR		0.60				
9	Morena Reservoir	NA	Composite	Black Crappie	C2_911PMR110BOG21BCR		0.40				
9	Morena Reservoir	NA	Composite	Largemouth Bass	C1_911PMR110BOG21LMB		0.40				
9	O'Neill Lake	NA	350 mm Length-Adjusted	Largemouth Bass	NA	0.16					

Region	Station Name	Location	Sample Type	Common Name	SampleID	Mercury (µg/g ww)	Selenium (µg/g ww)	Sum of PCBs (ng/g ww)	Sum of DDTs (ng/g ww)	Dieldrin (ng/g ww)	Sum of Chlordane (ng/g ww)
9	O'Neill Lake	NA	Composite	Bluegill	C1_902ONEILLBOG21BGL	0.06	0.12				
9	O'Neill Lake	NA	Composite	Bluegill	C2_902ONEILLBOG21BGL	0.07	0.12				
9	O'Neill Lake	NA	Composite	Channel Catfish	C1_902ONEILLBOG21CHC	0.08	0.12	1.9	5.5	ND	0.13
9	O'Neill Lake	NA	Composite	Channel Catfish	C2_902ONEILLBOG21CHC	0.05	0.12	1.2	2.6	ND	0.04
9	O'Neill Lake	NA	Composite	Largemouth Bass	C1_902ONEILLBOG21LMB		0.12				

Appendix 2b. Summary of prey fish results for the 2021 lakes survey: composite samples and averages of individuals

Region	Station Name	Location	Sample Type	Common Name	SampleID	Mercury (µg/g ww)	Selenium (µg/g ww)
2	Calero Reservoir	NA	Composite	Threadfin Shad	P1_205PCR128BOG21TFS	0.06	0.12
2	Lake Chabot (Vallejo)	NA	Composite	Golden Shiner	P1_206PLC157BOG21GLS	0.04	0.33
2	Lake Chabot (Vallejo)	NA	Composite	Largemouth Bass	P1_206PLC157BOG21LMB	0.03	0.32
2	Lake del Valle	NA	Composite	Bluegill	P1_204PDV169BOG21BGL	0.07	0.35
2	Lake del Valle	NA	Composite	Largemouth Bass	P1_204PDV169BOG21LMB	0.13	0.37
2	Lake del Valle	NA	Composite	Mississippi silverside	P1_204PDV169BOG21MSS	0.10	0.39
2	Lower Crystal Springs Reserv	NA	Composite	Bluegill	P1_204TC0114BOG21BGL	0.08	0.26
2	Lower Crystal Springs Reserv	NA	Composite	Largemouth Bass	P1_204TC0114BOG21LMB	0.08	0.12
2	Lower Crystal Springs Reserv	NA	Composite	Sculpin	P1_204TC0114BOG21SCP	0.13	0.29
2	Shadow Cliffs Reservoir_BOG	NA	Average of Individuals	Sculpin	NA	0.04	
2	Shadow Cliffs Reservoir_BOG	NA	Composite	Bluegill	P1_204PSC113BOG21BGL	0.05	0.28
2	Shadow Cliffs Reservoir_BOG	NA	Composite	Sacramento Sucker	P1_204PSC113BOG21SAS	0.02	0.12
2	Soulejoule Lake	NA	Average of Individuals	Sculpin	NA	0.14	
3	Loch Lomond Reservoir	NA	Composite	Largemouth Bass	P1_304PLL184BOG21LMB	0.03	0.60
4	Belvedere Park Lake	NA	Composite	Largemouth Bass	P1_412BLDPRKBOG21LMB	0.05	0.93
4	Belvedere Park Lake	NA	Composite	Threadfin Shad	P1_412BLDPRKBOG21TFS	0.02	0.75
4	Peck Road Water Conservation Park	NA	Composite	Bluegill	P1_412PECPRKBOG21BGL	0.06	0.25

Region	Station Name	Location	Sample Type	Common Name	SampleID	Mercury (µg/g ww)	Selenium (µg/g ww)
4	Peck Road Water Conservation Park	NA	Composite	Largemouth Bass	P1_412PECPRKBOG21LMB	0.06	0.33
4	Peck Road Water Conservation Park	NA	Composite	Threadfin Shad	P1_412PECPRKBOG21TFS	0.04	0.29
5	Finnon Reservoir	NA	Composite	Bluegill	P1_514FINONRBOG21BGL	0.01	0.12
5	Finnon Reservoir	NA	Composite	Largemouth Bass	P1_514FINONRBOG21LMB	0.01	0.12
5	Lake Amador	NA	Composite	Bluegill	P1_532PLA129BOG21BGL	0.13	0.39
5	Lake Amador	NA	Composite	Green Sunfish	P1_532PLA129BOG21GRS	0.11	0.32
5	Lake Amador	NA	Composite	Largemouth Bass	P1_532PLA129BOG21LMB	0.05	0.52
5	Lake Amador	NA	Composite	Threadfin Shad	P1_532PLA129BOG21TFS	0.08	0.33
5	Lake Combie	NA	Composite	Bluegill	P1_516TC0293BOG21BGL	0.19	0.50
5	Lake Combie	NA	Composite	Largemouth Bass	P1_516TC0293BOG21LMB	0.29	0.59
5	Millerton Lake	L1	Composite L1	Bluegill	P1_540PML138L1BOG21BGL	0.05	0.12
5	Millerton Lake	L1	Composite L1	Largemouth Bass	P1_540PML138L1BOG21LMB	0.08	0.12
5	Millerton Lake	L2	Composite L2	Bluegill	P1_540PML138L2BOG21BGL	0.04	0.24
5	Millerton Lake	L2	Composite L2	Largemouth Bass	P1_540PML138L2BOG21LMB	0.08	0.12
5	New Bullards Bar Reservoir	L1	Composite L1	Bluegill	P1_517PNB117L1BOG21BGL	0.06	0.44
5	New Bullards Bar Reservoir	L1	Composite L1	Green Sunfish	P1_517PNB117L1BOG21GRS	0.08	0.32
5	New Bullards Bar Reservoir	L1	Composite L1	Spotted Bass	P1_517PNB117L1BOG21SPB	0.05	0.59
5	New Bullards Bar Reservoir	L2	Composite L2	Bluegill	P1_517PNB117L2BOG21BGL	0.04	0.45
5	New Bullards Bar Reservoir	L2	Composite L2	Green Sunfish	P1_517PNB117L2BOG21GRS	0.05	0.35
5	New Bullards Bar Reservoir	L2	Composite L2	Spotted Bass	P1_517PNB117L2BOG21SPB	0.05	0.58

Region	Station Name	Location	Sample Type	Common Name	SampleID	Mercury (µg/g ww)	Selenium (µg/g ww)
5	New Bullards Bar Reservoir	L3	Composite L3	Bluegill	P1_517PNB117L3BOG21BGL	0.08	0.49
5	New Bullards Bar Reservoir	L3	Composite L3	Green Sunfish	P1_517PNB117L3BOG21GRS	0.12	0.33
5	New Bullards Bar Reservoir	L3	Composite L3	Spotted Bass	P1_517PNB117L3BOG21SPB	0.09	0.32
5	Pine Flat Lake-552TP0032	L1	Composite L1	Bluegill	P1_552TP0032L1BOG21BGL	0.04	0.30
5	Pine Flat Lake-552TP0032	L1	Composite L1	Green Sunfish	P1_552TP0032L1BOG21GRS	0.05	0.12
5	Pine Flat Lake-552TP0032	L1	Composite L1	Largemouth Bass	P1_552TP0032L1BOG21LMB	0.04	0.25
5	Pine Flat Lake-552TP0032	L1	Composite L1	Threadfin Shad	P1_552TP0032L1BOG21TFS	0.04	0.12
5	Pine Flat Lake-552TP0032	L2	Composite L2	Bluegill	P1_552TP0032L2BOG21BGL	0.04	0.25
5	Pine Flat Lake-552TP0032	L2	Composite L2	Green Sunfish	P1_552TP0032L2BOG21GRS	0.03	0.12
5	Pine Flat Lake-552TP0032	L2	Composite L2	Largemouth Bass	P1_552TP0032L2BOG21LMB	0.03	0.25
5	Pine Flat Lake-552TP0032	L2	Composite L2	Threadfin Shad	P1_552TP0032L2BOG21TFS	0.04	0.12
5	Union Valley Reservoir	L2	Composite L2	Green Sunfish	P1_514PUV156L2BOG21GRS	0.02	0.23
5	Union Valley Reservoir	L2	Composite L2	Spotted Bass	P1_514PUV156L2BOG21SPB	0.01	0.28
6	Lake Arrowhead	NA	Composite	Sculpin	P1_628PLA091BOG21SCP	0.05	0.12
7	Gene Wash Reservoir	NA	Composite	Bluegill	P1_714TG0155BOG21BGL	0.01	1.87
7	Gene Wash Reservoir	NA	Composite	Largemouth Bass	P1_714TG0155BOG21LMB	0.03	1.69
8	Big Bear Lake_BOG	L1	Composite L1	Sculpin	P1_801PBB131L1BOG21SCP	0.01	0.36

Region	Station Name	Location	Sample Type	Common Name	SampleID	Mercury (µg/g ww)	Selenium (µg/g ww)
8	Big Bear Lake_BOG	L2	Composite L2	Sculpin	P1_801PBB131L2BOG21SCP	0.02	0.31
8	Perris Reservoir	L1	Composite L1	Bluegill	P1_802PPR203L1BOG21BGL	0.03	0.40
8	Perris Reservoir	L2	Composite L2	Bluegill	P1_802PPR203L2BOG21BGL	0.03	0.41
8	Prado Lake	NA	Composite	Bluegill	P1_801PPP187BOG21BGL	0.00	0.12
8	Prado Lake	NA	Composite	Common Carp	P1_801PPP187BOG21CAR	0.01	0.12
8	Prado Lake	NA	Composite	Green Sunfish	P1_801PPP187BOG21GRS	0.01	0.12
8	Prado Lake	NA	Composite	Mississippi silverside	P1_801PPP187BOG21MSS	0.01	0.12
9	Diamond Valley Lake	L1	Composite L1	Bluegill	P1_902DMDVLKL1BOG21BGL	0.02	0.65
9	Diamond Valley Lake	L1	Composite L1	Green Sunfish	P1_902DMDVLKL1BOG21GRS	0.04	0.67
9	Diamond Valley Lake	L1	Composite L1	Largemouth Bass	P1_902DMDVLKL1BOG21LMB	0.05	0.62
9	Diamond Valley Lake	L2	Composite L2	Bluegill	P1_902DMDVLKL2BOG21BGL	0.10	0.75
9	Diamond Valley Lake	L2	Composite L2	Largemouth Bass	P1_902DMDVLKL2BOG21LMB	0.05	0.54
9	Diamond Valley Lake	L2	Composite L2	Mississippi silverside	P1_902DMDVLKL2BOG21MSS	0.04	0.60
9	El Capitan Lake	NA	Composite	Bluegill	P1_907PEC062BOG21BGL	0.04	1.35
9	El Capitan Lake	NA	Composite	Mississippi silverside	P1_907PEC062BOG21MSS	0.04	0.68
9	El Capitan Lake	NA	Composite	Sculpin	P1_907PEC062BOG21SCP	0.04	0.70
9	El Capitan Lake	NA	Composite	Threadfin Shad	P1_907PEC062BOG21TFS	0.04	0.90
9	Lake Wohlford	NA	Composite	Largemouth Bass	P1_904PLW126BOG21LMB	0.01	0.51
9	Morena Reservoir	NA	Composite	Bluegill	P1_911PMR110BOG21BGL	0.02	0.72
9	Morena Reservoir	NA	Composite	Largemouth Bass	P1_911PMR110BOG21LMB	0.07	0.49
9	O'Neill Lake	NA	Composite	Bluegill	P1_902ONEILLBOG21BGL	0.01	0.25
9	O'Neill Lake	NA	Composite	Largemouth Bass	P1_902ONEILLBOG21LMB	0.03	0.23

Appendix 3. Mercury in individual sport fish from the 2021 lakes survey

Region	Station Name	Location	Common Name	Sample ID	Mercury (µg/g ww)	Total Length (mm)
2	Soulejoule Lake	NA	Black Crappie	I_201PSL093BOG21BCR01-04	1.37	221
2	Soulejoule Lake	NA	Black Crappie	I_201PSL093BOG21BCR01-03	1.09	225
2	Soulejoule Lake	NA	Black Crappie	I_201PSL093BOG21BCR01-06	0.73	203
2	Soulejoule Lake	NA	Black Crappie	I_201PSL093BOG21BCR01-07	0.50	196
2	Soulejoule Lake	NA	Black Crappie	I_201PSL093BOG21BCR01-08	0.69	213
2	Soulejoule Lake	NA	Black Crappie	I_201PSL093BOG21BCR01-10	0.66	264
2	Soulejoule Lake	NA	Black Crappie	I_201PSL093BOG21BCR01-01	1.02	217
2	Soulejoule Lake	NA	Black Crappie	I_201PSL093BOG21BCR01-09	1.46	269
2	Soulejoule Lake	NA	Black Crappie	I_201PSL093BOG21BCR01-05	1.23	229
2	Soulejoule Lake	NA	Black Crappie	I_201PSL093BOG21BCR01-02	1.23	222
2	Soulejoule Lake	NA	Bluegill	I_201PSL093BOG21BGL01-13	0.23	110
2	Soulejoule Lake	NA	Bluegill	I_201PSL093BOG21BGL01-08	0.30	67
2	Soulejoule Lake	NA	Bluegill	I_201PSL093BOG21BGL01-05	0.16	66
2	Soulejoule Lake	NA	Bluegill	I_201PSL093BOG21BGL01-14	0.17	111
2	Soulejoule Lake	NA	Bluegill	I_201PSL093BOG21BGL01-09	0.41	63
2	Soulejoule Lake	NA	Bluegill	I_201PSL093BOG21BGL01-10	0.36	66
2	Soulejoule Lake	NA	Bluegill	I_201PSL093BOG21BGL01-02	0.23	70
2	Soulejoule Lake	NA	Bluegill	I_201PSL093BOG21BGL01-01	0.22	54
2	Soulejoule Lake	NA	Bluegill	I_201PSL093BOG21BGL01-04	0.14	65
2	Soulejoule Lake	NA	Bluegill	I_201PSL093BOG21BGL01-12	0.13	106
2	Soulejoule Lake	NA	Bluegill	I_201PSL093BOG21BGL01-07	0.24	75
2	Soulejoule Lake	NA	Bluegill	I_201PSL093BOG21BGL01-15	0.13	112
2	Soulejoule Lake	NA	Bluegill	I_201PSL093BOG21BGL01-11	0.22	149
2	Soulejoule Lake	NA	Bluegill	I_201PSL093BOG21BGL01-03	0.14	66
2	Soulejoule Lake	NA	Bluegill	I_201PSL093BOG21BGL01-06	0.17	60
2	Soulejoule Lake	NA	Largemouth Bass	I_201PSL093BOG21LMB01-09	1.96	323
2	Soulejoule Lake	NA	Largemouth Bass	I_201PSL093BOG21LMB02-02	1.22	311
2	Soulejoule Lake	NA	Largemouth Bass	I_201PSL093BOG21LMB01-04	2.05	303

Region	Station Name	Location	Common Name	Sample ID	Mercury (µg/g ww)	Total Length (mm)
2	Soulejoule Lake	NA	Largemouth Bass	I_201PSL093BOG21LMB01-02	0.92	239
2	Soulejoule Lake	NA	Largemouth Bass	I_201PSL093BOG21LMB01-07	2.10	316
2	Soulejoule Lake	NA	Largemouth Bass	I_201PSL093BOG21LMB02-05	2.40	472
2	Soulejoule Lake	NA	Largemouth Bass	I_201PSL093BOG21LMB01-08	1.82	320
2	Soulejoule Lake	NA	Largemouth Bass	I_201PSL093BOG21LMB01-03	1.27	279
2	Soulejoule Lake	NA	Largemouth Bass	I_201PSL093BOG21LMB02-03	1.64	409
2	Soulejoule Lake	NA	Largemouth Bass	I_201PSL093BOG21LMB02-04	2.40	437
2	Soulejoule Lake	NA	Largemouth Bass	I_201PSL093BOG21LMB02-01	1.48	331
2	Soulejoule Lake	NA	Largemouth Bass	I_201PSL093BOG21LMB01-01	1.11	247
2	Soulejoule Lake	NA	Largemouth Bass	I_201PSL093BOG21LMB01-06	1.98	328
2	Soulejoule Lake	NA	Largemouth Bass	I_201PSL093BOG21LMB01-05	1.62	316
2	Soulejoule Lake	NA	Largemouth Bass	I_201PSL093BOG21LMB03-05	0.23	106
2	Soulejoule Lake	NA	Largemouth Bass	I_201PSL093BOG21LMB03-01	0.59	115
2	Soulejoule Lake	NA	Largemouth Bass	I_201PSL093BOG21LMB03-04	0.55	132
2	Soulejoule Lake	NA	Sculpin	I_201PSL093BOG21SCP01-10	0.08	65
2	Soulejoule Lake	NA	Sculpin	I_201PSL093BOG21SCP01-05	0.08	69
2	Soulejoule Lake	NA	Sculpin	I_201PSL093BOG21SCP01-09	0.12	72
2	Soulejoule Lake	NA	Sculpin	I_201PSL093BOG21SCP01-03	0.10	64
2	Soulejoule Lake	NA	Sculpin	I_201PSL093BOG21SCP01-04	0.16	70
2	Soulejoule Lake	NA	Sculpin	I_201PSL093BOG21SCP01-01	0.17	85
2	Soulejoule Lake	NA	Sculpin	I_201PSL093BOG21SCP01-06	0.35	68
2	Soulejoule Lake	NA	Sculpin	I_201PSL093BOG21SCP01-07	0.13	66
2	Soulejoule Lake	NA	Sculpin	I_201PSL093BOG21SCP01-02	0.11	80
2	Soulejoule Lake	NA	Sculpin	I_201PSL093BOG21SCP01-08	0.11	62
2	Lake del Valle	NA	Largemouth Bass	I_204PDV169BOG21LMB02-14	0.51	430
2	Lake del Valle	NA	Largemouth Bass	I_204PDV169BOG21LMB02-06	0.50	342
2	Lake del Valle	NA	Largemouth Bass	I_204PDV169BOG21LMB02-07	0.55	395
2	Lake del Valle	NA	Largemouth Bass	I_204PDV169BOG21LMB02-05	0.96	354
2	Lake del Valle	NA	Largemouth Bass	I_204PDV169BOG21LMB02-11	0.55	395

Region	Station Name	Location	Common Name	Sample ID	Mercury (µg/g ww)	Total Length (mm)
2	Lake del Valle	NA	Largemouth Bass	I_204PDV169BOG21LMB02-04	0.52	363
2	Lake del Valle	NA	Largemouth Bass	I_204PDV169BOG21LMB02-10	0.64	385
2	Lake del Valle	NA	Largemouth Bass	I_204PDV169BOG21LMB02-09	0.84	392
2	Lake del Valle	NA	Largemouth Bass	I_204PDV169BOG21LMB02-01	0.19	215
2	Lake del Valle	NA	Largemouth Bass	I_204PDV169BOG21LMB02-08	0.51	350
2	Lake del Valle	NA	Largemouth Bass	I_204PDV169BOG21LMB02-03	0.26	247
2	Lake del Valle	NA	Largemouth Bass	I_204PDV169BOG21LMB02-13	1.42	438
2	Lake del Valle	NA	Largemouth Bass	I_204PDV169BOG21LMB02-02	0.19	211
2	Lake del Valle	NA	Largemouth Bass	I_204PDV169BOG21LMB02-12	0.75	396
2	Shadow Cliffs Reservoir_BOG	NA	Green Sunfish	I_204PSC113BOG21GRS01-06	0.06	63
2	Shadow Cliffs Reservoir_BOG	NA	Green Sunfish	I_204PSC113BOG21GRS01-01	0.04	97
2	Shadow Cliffs Reservoir_BOG	NA	Green Sunfish	I_204PSC113BOG21GRS01-10	0.06	52
2	Shadow Cliffs Reservoir_BOG	NA	Green Sunfish	I_204PSC113BOG21GRS01-09	0.03	62
2	Shadow Cliffs Reservoir_BOG	NA	Green Sunfish	I_204PSC113BOG21GRS01-04	0.05	74
2	Shadow Cliffs Reservoir_BOG	NA	Green Sunfish	I_204PSC113BOG21GRS01-03	0.04	62
2	Shadow Cliffs Reservoir_BOG	NA	Green Sunfish	I_204PSC113BOG21GRS01-05	0.04	60
2	Shadow Cliffs Reservoir_BOG	NA	Green Sunfish	I_204PSC113BOG21GRS01-02	0.04	98
2	Shadow Cliffs Reservoir_BOG	NA	Green Sunfish	I_204PSC113BOG21GRS01-07	0.04	57
2	Shadow Cliffs Reservoir_BOG	NA	Green Sunfish	I_204PSC113BOG21GRS01-08	0.02	58

Region	Station Name	Location	Common Name	Sample ID	Mercury (µg/g ww)	Total Length (mm)
2	Shadow Cliffs Reservoir_BOG	NA	Largemouth Bass	I_204PSC113BOG21LMB01-04	0.17	178
2	Shadow Cliffs Reservoir_BOG	NA	Largemouth Bass	I_204PSC113BOG21LMB02-05	0.37	406
2	Shadow Cliffs Reservoir_BOG	NA	Largemouth Bass	I_204PSC113BOG21LMB01-07	0.51	352
2	Shadow Cliffs Reservoir_BOG	NA	Largemouth Bass	I_204PSC113BOG21LMB02-03	0.75	406
2	Shadow Cliffs Reservoir_BOG	NA	Largemouth Bass	I_204PSC113BOG21LMB01-06	0.64	333
2	Shadow Cliffs Reservoir_BOG	NA	Largemouth Bass	I_204PSC113BOG21LMB01-01	0.12	136
2	Shadow Cliffs Reservoir_BOG	NA	Largemouth Bass	I_204PSC113BOG21LMB02-06	0.59	462
2	Shadow Cliffs Reservoir_BOG	NA	Largemouth Bass	I_204PSC113BOG21LMB02-07	0.54	414
2	Shadow Cliffs Reservoir_BOG	NA	Largemouth Bass	I_204PSC113BOG21LMB02-04	0.45	397
2	Shadow Cliffs Reservoir_BOG	NA	Largemouth Bass	I_204PSC113BOG21LMB01-08	0.32	339
2	Shadow Cliffs Reservoir_BOG	NA	Largemouth Bass	I_204PSC113BOG21LMB02-08	0.37	410
2	Shadow Cliffs Reservoir_BOG	NA	Largemouth Bass	I_204PSC113BOG21LMB02-01	0.45	381
2	Shadow Cliffs Reservoir_BOG	NA	Largemouth Bass	I_204PSC113BOG21LMB01-02	0.14	136
2	Shadow Cliffs Reservoir_BOG	NA	Largemouth Bass	I_204PSC113BOG21LMB02-02	0.47	376
2	Shadow Cliffs Reservoir_BOG	NA	Largemouth Bass	I_204PSC113BOG21LMB01-03	0.13	160

Region	Station Name	Location	Common Name	Sample ID	Mercury (µg/g ww)	Total Length (mm)
2	Shadow Cliffs Reservoir_BOG	NA	Largemouth Bass	I_204PSC113BOG21LMB01-05	0.30	345
2	Shadow Cliffs Reservoir_BOG	NA	Sculpin	I_204PSC113BOG21SCP01-04	0.04	84
2	Shadow Cliffs Reservoir_BOG	NA	Sculpin	I_204PSC113BOG21SCP01-09	0.01	46
2	Shadow Cliffs Reservoir_BOG	NA	Sculpin	I_204PSC113BOG21SCP01-10	0.05	50
2	Shadow Cliffs Reservoir_BOG	NA	Sculpin	I_204PSC113BOG21SCP01-02	0.05	82
2	Shadow Cliffs Reservoir_BOG	NA	Sculpin	I_204PSC113BOG21SCP01-03	0.04	72
2	Shadow Cliffs Reservoir_BOG	NA	Sculpin	I_204PSC113BOG21SCP01-05	0.04	75
2	Shadow Cliffs Reservoir_BOG	NA	Sculpin	I_204PSC113BOG21SCP01-08	0.02	74
2	Shadow Cliffs Reservoir_BOG	NA	Sculpin	I_204PSC113BOG21SCP01-07	0.06	76
2	Shadow Cliffs Reservoir_BOG	NA	Sculpin	I_204PSC113BOG21SCP01-01	0.05	88
2	Shadow Cliffs Reservoir_BOG	NA	Sculpin	I_204PSC113BOG21SCP01-06	0.04	70
2	Lower Crystal Springs Reserv	NA	Largemouth Bass	I_204TC0114BOG21LMB03-03	0.73	421
2	Lower Crystal Springs Reserv	NA	Largemouth Bass	I_204TC0114BOG21LMB03-02	0.36	382
2	Lower Crystal Springs Reserv	NA	Largemouth Bass	I_204TC0114BOG21LMB03-06	0.85	445
2	Lower Crystal Springs Reserv	NA	Largemouth Bass	I_204TC0114BOG21LMB02-05	0.07	305

Region	Station Name	Location	Common Name	Sample ID	Mercury (µg/g ww)	Total Length (mm)
2	Lower Crystal Springs Reserv	NA	Largemouth Bass	I_204TC0114BOG21LMB02-07	0.13	328
2	Lower Crystal Springs Reserv	NA	Largemouth Bass	I_204TC0114BOG21LMB03-01	0.16	361
2	Lower Crystal Springs Reserv	NA	Largemouth Bass	I_204TC0114BOG21LMB02-06	0.34	370
2	Lower Crystal Springs Reserv	NA	Largemouth Bass	I_204TC0114BOG21LMB02-04	0.32	227
2	Lower Crystal Springs Reserv	NA	Largemouth Bass	I_204TC0114BOG21LMB02-01	0.22	233
2	Lower Crystal Springs Reserv	NA	Largemouth Bass	I_204TC0114BOG21LMB03-05	0.90	400
2	Lower Crystal Springs Reserv	NA	Largemouth Bass	I_204TC0114BOG21LMB02-02	0.28	231
2	Lower Crystal Springs Reserv	NA	Largemouth Bass	I_204TC0114BOG21LMB03-04	1.06	433
2	Lower Crystal Springs Reserv	NA	Largemouth Bass	I_204TC0114BOG21LMB02-03	0.25	228
2	Lower Crystal Springs Reserv	NA	Largemouth Bass	I_204TC0114BOG21LMB02-08	0.49	390
2	Calero Reservoir	NA	Largemouth Bass	I_205PCR128BOG21LMB02-07	0.50	339
2	Calero Reservoir	NA	Largemouth Bass	I_205PCR128BOG21LMB03-03	0.65	435
2	Calero Reservoir	NA	Largemouth Bass	I_205PCR128BOG21LMB02-03	0.24	251
2	Calero Reservoir	NA	Largemouth Bass	I_205PCR128BOG21LMB02-04	0.35	279
2	Calero Reservoir	NA	Largemouth Bass	I_205PCR128BOG21LMB02-02	0.23	230
2	Calero Reservoir	NA	Largemouth Bass	I_205PCR128BOG21LMB02-01	0.19	214
2	Calero Reservoir	NA	Largemouth Bass	I_205PCR128BOG21LMB03-05	0.61	440
2	Calero Reservoir	NA	Largemouth Bass	I_205PCR128BOG21LMB03-01	0.68	405
2	Calero Reservoir	NA	Largemouth Bass	I_205PCR128BOG21LMB03-04	0.95	475
2	Calero Reservoir	NA	Largemouth Bass	I_205PCR128BOG21LMB03-02	0.48	400

Region	Station Name	Location	Common Name	Sample ID	Mercury (µg/g ww)	Total Length (mm)
2	Calero Reservoir	NA	Largemouth Bass	I_205PCR128BOG21LMB02-09	0.68	387
2	Calero Reservoir	NA	Largemouth Bass	I_205PCR128BOG21LMB02-06	0.47	375
2	Calero Reservoir	NA	Largemouth Bass	I_205PCR128BOG21LMB02-05	0.52	360
2	Calero Reservoir	NA	Largemouth Bass	I_205PCR128BOG21LMB02-08	0.67	387
2	Calero Reservoir	NA	Largemouth Bass	I_205PCR128BOG21LMB01-11	0.13	74
2	Calero Reservoir	NA	Largemouth Bass	I_205PCR128BOG21LMB01-12	0.16	78
2	Calero Reservoir	NA	Largemouth Bass	I_205PCR128BOG21LMB01-13	0.10	81
2	Calero Reservoir	NA	Largemouth Bass	I_205PCR128BOG21LMB01-08	0.10	68
2	Calero Reservoir	NA	Largemouth Bass	I_205PCR128BOG21LMB01-10	0.11	79
2	Calero Reservoir	NA	Largemouth Bass	I_205PCR128BOG21LMB01-01	0.14	56
2	Calero Reservoir	NA	Largemouth Bass	I_205PCR128BOG21LMB01-02	0.10	57
2	Calero Reservoir	NA	Largemouth Bass	I_205PCR128BOG21LMB01-03	0.11	60
2	Calero Reservoir	NA	Largemouth Bass	I_205PCR128BOG21LMB01-07	0.12	63
2	Calero Reservoir	NA	Largemouth Bass	I_205PCR128BOG21LMB01-05	0.08	64
2	Calero Reservoir	NA	Largemouth Bass	I_205PCR128BOG21LMB01-06	0.09	68
2	Calero Reservoir	NA	Largemouth Bass	I_205PCR128BOG21LMB01-09	0.13	71
2	Calero Reservoir	NA	Largemouth Bass	I_205PCR128BOG21LMB01-04	0.10	58
2	Lake Chabot (Vallejo)	NA	Largemouth Bass	I_206PLC157BOG21LMB02-06	0.33	369
2	Lake Chabot (Vallejo)	NA	Largemouth Bass	I_206PLC157BOG21LMB03-02	0.50	344
2	Lake Chabot (Vallejo)	NA	Largemouth Bass	I_206PLC157BOG21LMB02-01	0.07	202
2	Lake Chabot (Vallejo)	NA	Largemouth Bass	I_206PLC157BOG21LMB02-05	0.21	309
2	Lake Chabot (Vallejo)	NA	Largemouth Bass	I_206PLC157BOG21LMB03-06	0.85	495
2	Lake Chabot (Vallejo)	NA	Largemouth Bass	I_206PLC157BOG21LMB02-04	0.21	274
2	Lake Chabot (Vallejo)	NA	Largemouth Bass	I_206PLC157BOG21LMB03-01	0.42	359
2	Lake Chabot (Vallejo)	NA	Largemouth Bass	I_206PLC157BOG21LMB02-02	0.22	249
2	Lake Chabot (Vallejo)	NA	Largemouth Bass	I_206PLC157BOG21LMB02-07	0.49	395
2	Lake Chabot (Vallejo)	NA	Largemouth Bass	I_206PLC157BOG21LMB03-04	0.64	415
2	Lake Chabot (Vallejo)	NA	Largemouth Bass	I_206PLC157BOG21LMB03-05	0.56	445
2	Lake Chabot (Vallejo)	NA	Largemouth Bass	I_206PLC157BOG21LMB03-03	0.61	399

Region	Station Name	Location	Common Name	Sample ID	Mercury (µg/g ww)	Total Length (mm)
2	Lake Chabot (Vallejo)	NA	Largemouth Bass	I_206PLC157BOG21LMB02-08	0.42	371
2	Lake Chabot (Vallejo)	NA	Largemouth Bass	I_206PLC157BOG21LMB02-03	0.15	265
2	Lafayette Reservoir_BOG	NA	Largemouth Bass	I_207PLF001BOG21LMB03-03	0.37	405
2	Lafayette Reservoir_BOG	NA	Largemouth Bass	I_207PLF001BOG21LMB02-08	0.23	371
2	Lafayette Reservoir_BOG	NA	Largemouth Bass	I_207PLF001BOG21LMB03-02	0.15	397
2	Lafayette Reservoir_BOG	NA	Largemouth Bass	I_207PLF001BOG21LMB02-06	0.12	310
2	Lafayette Reservoir_BOG	NA	Largemouth Bass	I_207PLF001BOG21LMB03-06	0.30	488
2	Lafayette Reservoir_BOG	NA	Largemouth Bass	I_207PLF001BOG21LMB02-07	0.14	379
2	Lafayette Reservoir_BOG	NA	Largemouth Bass	I_207PLF001BOG21LMB02-03	0.14	268
2	Lafayette Reservoir_BOG	NA	Largemouth Bass	I_207PLF001BOG21LMB02-01	0.10	245
2	Lafayette Reservoir_BOG	NA	Largemouth Bass	I_207PLF001BOG21LMB03-05	0.25	460
2	Lafayette Reservoir_BOG	NA	Largemouth Bass	I_207PLF001BOG21LMB02-04	0.08	285
2	Lafayette Reservoir_BOG	NA	Largemouth Bass	I_207PLF001BOG21LMB02-02	0.09	249
2	Lafayette Reservoir_BOG	NA	Largemouth Bass	I_207PLF001BOG21LMB03-01	0.09	348
2	Lafayette Reservoir_BOG	NA	Largemouth Bass	I_207PLF001BOG21LMB02-05	0.12	310
2	Lafayette Reservoir_BOG	NA	Largemouth Bass	I_207PLF001BOG21LMB03-04	0.20	419

Region	Station Name	Location	Common Name	Sample ID	Mercury (µg/g ww)	Total Length (mm)
2	Lafayette Reservoir_BOG	NA	Largemouth Bass	I_207PLF001BOG21LMB01-08	0.03	55
2	Lafayette Reservoir_BOG	NA	Largemouth Bass	I_207PLF001BOG21LMB01-05	0.02	55
2	Lafayette Reservoir_BOG	NA	Largemouth Bass	I_207PLF001BOG21LMB01-13	0.04	64
2	Lafayette Reservoir_BOG	NA	Largemouth Bass	I_207PLF001BOG21LMB01-14	0.02	68
2	Lafayette Reservoir_BOG	NA	Largemouth Bass	I_207PLF001BOG21LMB01-03	0.02	64
2	Lafayette Reservoir_BOG	NA	Largemouth Bass	I_207PLF001BOG21LMB01-02	0.03	69
2	Lafayette Reservoir_BOG	NA	Largemouth Bass	I_207PLF001BOG21LMB01-11	0.02	62
2	Lafayette Reservoir_BOG	NA	Largemouth Bass	I_207PLF001BOG21LMB01-01	0.02	65
2	Lafayette Reservoir_BOG	NA	Largemouth Bass	I_207PLF001BOG21LMB01-04	0.02	57
2	Lafayette Reservoir_BOG	NA	Largemouth Bass	I_207PLF001BOG21LMB01-12	0.02	66
2	Lafayette Reservoir_BOG	NA	Largemouth Bass	I_207PLF001BOG21LMB01-10	0.02	52
2	Lafayette Reservoir_BOG	NA	Largemouth Bass	I_207PLF001BOG21LMB01-07	0.02	66
2	Lafayette Reservoir_BOG	NA	Largemouth Bass	I_207PLF001BOG21LMB01-06	0.02	54
2	Lafayette Reservoir_BOG	NA	Largemouth Bass	I_207PLF001BOG21LMB01-09	0.04	60
3	Loch Lomond Reservoir	NA	Largemouth Bass	I_304PLL184BOG21LMB02-03	0.10	283
3	Loch Lomond Reservoir	NA	Largemouth Bass	I_304PLL184BOG21LMB02-04	0.07	298
3	Loch Lomond Reservoir	NA	Largemouth Bass	I_304PLL184BOG21LMB03-05	0.12	432

Region	Station Name	Location	Common Name	Sample ID	Mercury (µg/g ww)	Total Length (mm)
3	Loch Lomond Reservoir	NA	Largemouth Bass	I_304PLL184BOG21LMB03-01	0.11	375
3	Loch Lomond Reservoir	NA	Largemouth Bass	I_304PLL184BOG21LMB02-07	0.15	331
3	Loch Lomond Reservoir	NA	Largemouth Bass	I_304PLL184BOG21LMB03-02	0.13	403
3	Loch Lomond Reservoir	NA	Largemouth Bass	I_304PLL184BOG21LMB02-06	0.13	338
3	Loch Lomond Reservoir	NA	Largemouth Bass	I_304PLL184BOG21LMB03-06	0.43	455
3	Loch Lomond Reservoir	NA	Largemouth Bass	I_304PLL184BOG21LMB02-05	0.09	345
3	Loch Lomond Reservoir	NA	Largemouth Bass	I_304PLL184BOG21LMB03-03	0.10	403
3	Loch Lomond Reservoir	NA	Largemouth Bass	I_304PLL184BOG21LMB03-04	0.08	417
3	Loch Lomond Reservoir	NA	Largemouth Bass	I_304PLL184BOG21LMB02-08	0.11	325
3	Loch Lomond Reservoir	NA	Largemouth Bass	I_304PLL184BOG21LMB02-01	0.10	244
3	Loch Lomond Reservoir	NA	Largemouth Bass	I_304PLL184BOG21LMB02-02	0.05	240
4	Belvedere Park Lake	NA	Largemouth Bass	I_412BLDPRKBOG21LMB02-05	0.15	310
4	Belvedere Park Lake	NA	Largemouth Bass	I_412BLDPRKBOG21LMB02-03	0.08	259
4	Belvedere Park Lake	NA	Largemouth Bass	I_412BLDPRKBOG21LMB02-07	0.29	330
4	Belvedere Park Lake	NA	Largemouth Bass	I_412BLDPRKBOG21LMB02-01	0.09	230
4	Belvedere Park Lake	NA	Largemouth Bass	I_412BLDPRKBOG21LMB02-04	0.16	260
4	Belvedere Park Lake	NA	Largemouth Bass	I_412BLDPRKBOG21LMB03-03	0.29	395
4	Belvedere Park Lake	NA	Largemouth Bass	I_412BLDPRKBOG21LMB02-06	0.18	330
4	Belvedere Park Lake	NA	Largemouth Bass	I_412BLDPRKBOG21LMB02-08	0.15	314
4	Belvedere Park Lake	NA	Largemouth Bass	I_412BLDPRKBOG21LMB03-05	0.44	530
4	Belvedere Park Lake	NA	Largemouth Bass	I_412BLDPRKBOG21LMB03-04	0.38	408
4	Belvedere Park Lake	NA	Largemouth Bass	I_412BLDPRKBOG21LMB03-06	0.44	555
4	Belvedere Park Lake	NA	Largemouth Bass	I_412BLDPRKBOG21LMB03-01	0.18	340
4	Belvedere Park Lake	NA	Largemouth Bass	I_412BLDPRKBOG21LMB02-02	0.10	235
4	Belvedere Park Lake	NA	Largemouth Bass	I_412BLDPRKBOG21LMB03-02	0.24	361
4	Hansen Lake	NA	Largemouth Bass	I_412HANSLKBOG21LMB01-02	0.02	168
4	Hansen Lake	NA	Largemouth Bass	I_412HANSLKBOG21LMB01-05	0.04	202
4	Hansen Lake	NA	Largemouth Bass	I_412HANSLKBOG21LMB01-07	0.09	460
4	Hansen Lake	NA	Largemouth Bass	I_412HANSLKBOG21LMB01-06	0.03	241

Region	Station Name	Location	Common Name	Sample ID	Mercury (µg/g ww)	Total Length (mm)
4	Hansen Lake	NA	Largemouth Bass	I_412HANSLKBOG21LMB01-04	0.03	211
4	Hansen Lake	NA	Largemouth Bass	I_412HANSLKBOG21LMB01-03	0.04	181
4	Hansen Lake	NA	Largemouth Bass	I_412HANSLKBOG21LMB01-01	0.03	152
4	Peck Road Water Conservation Park	NA	Largemouth Bass	I_412PECPRKBOG21LMB03-03	0.43	411
4	Peck Road Water Conservation Park	NA	Largemouth Bass	I_412PECPRKBOG21LMB02-06	0.46	365
4	Peck Road Water Conservation Park	NA	Largemouth Bass	I_412PECPRKBOG21LMB03-01	0.63	390
4	Peck Road Water Conservation Park	NA	Largemouth Bass	I_412PECPRKBOG21LMB02-03	0.30	288
4	Peck Road Water Conservation Park	NA	Largemouth Bass	I_412PECPRKBOG21LMB03-02	0.45	407
4	Peck Road Water Conservation Park	NA	Largemouth Bass	I_412PECPRKBOG21LMB03-05	0.79	505
4	Peck Road Water Conservation Park	NA	Largemouth Bass	I_412PECPRKBOG21LMB02-05	0.44	345
4	Peck Road Water Conservation Park	NA	Largemouth Bass	I_412PECPRKBOG21LMB02-02	0.24	249
4	Peck Road Water Conservation Park	NA	Largemouth Bass	I_412PECPRKBOG21LMB02-09	0.28	336
4	Peck Road Water Conservation Park	NA	Largemouth Bass	I_412PECPRKBOG21LMB02-07	0.30	330
4	Peck Road Water Conservation Park	NA	Largemouth Bass	I_412PECPRKBOG21LMB02-04	0.37	288
4	Peck Road Water Conservation Park	NA	Largemouth Bass	I_412PECPRKBOG21LMB02-01	0.23	235
4	Peck Road Water Conservation Park	NA	Largemouth Bass	I_412PECPRKBOG21LMB02-08	0.42	344
4	Peck Road Water Conservation Park	NA	Largemouth Bass	I_412PECPRKBOG21LMB03-04	0.71	468

Region	Station Name	Location	Common Name	Sample ID	Mercury (µg/g ww)	Total Length (mm)
5	Finnon Reservoir	NA	Largemouth Bass	I_514FINONRBOG21LMB02-01	0.39	405
5	Finnon Reservoir	NA	Largemouth Bass	I_514FINONRBOG21LMB01-09	0.26	405
5	Finnon Reservoir	NA	Largemouth Bass	I_514FINONRBOG21LMB02-05	0.26	387
5	Finnon Reservoir	NA	Largemouth Bass	I_514FINONRBOG21LMB01-08	0.18	379
5	Finnon Reservoir	NA	Largemouth Bass	I_514FINONRBOG21LMB02-03	0.30	378
5	Finnon Reservoir	NA	Largemouth Bass	I_514FINONRBOG21LMB02-04	0.19	412
5	Finnon Reservoir	NA	Largemouth Bass	I_514FINONRBOG21LMB02-02	0.33	412
5	Union Valley Reservoir	L2	Brown Trout	I_514PUV156L2BOG21BNT01-01	0.16	514
5	Union Valley Reservoir	L2	Lake Trout	I_514PUV156L2BOG21LKT01-01	0.12	452
5	Union Valley Reservoir	L2	Rainbow Trout	I_514PUV156L2BOG21RBT01-01	0.02	347
5	Union Valley Reservoir	L2	Rainbow Trout	I_514PUV156L2BOG21RBT01-02	0.01	341
5	Union Valley Reservoir	L2	Rainbow Trout	I_514PUV156L2BOG21RBT01-04	0.01	376
5	Union Valley Reservoir	L2	Rainbow Trout	I_514PUV156L2BOG21RBT01-06	0.01	345
5	Union Valley Reservoir	L2	Rainbow Trout	I_514PUV156L2BOG21RBT01-03	0.01	343
5	Lake Combie	NA	Largemouth Bass	I_516TC0293BOG21LMB02-09	0.99	361
5	Lake Combie	NA	Largemouth Bass	I_516TC0293BOG21LMB03-02	0.96	364
5	New Bullards Bar Reservoir	L1	Spotted Bass	I_517PNB117L1BOG21SPB01-05	0.73	309
5	New Bullards Bar Reservoir	L1	Spotted Bass	I_517PNB117L1BOG21SPB02-02	0.66	314
5	New Bullards Bar Reservoir	L1	Spotted Bass	I_517PNB117L1BOG21SPB01-02	0.16	235
5	New Bullards Bar Reservoir	L1	Spotted Bass	I_517PNB117L1BOG21SPB02-03	1.06	335
5	New Bullards Bar Reservoir	L1	Spotted Bass	I_517PNB117L1BOG21SPB02-04	1.40	356
5	New Bullards Bar Reservoir	L1	Spotted Bass	I_517PNB117L1BOG21SPB01-01	0.18	220
5	New Bullards Bar Reservoir	L1	Spotted Bass	I_517PNB117L1BOG21SPB01-03	0.87	295

Region	Station Name	Location	Common Name	Sample ID	Mercury (µg/g ww)	Total Length (mm)
5	New Bullards Bar Reservoir	L1	Spotted Bass	I_517PNB117L1BOG21SPB01-09	0.73	287
5	New Bullards Bar Reservoir	L1	Spotted Bass	I_517PNB117L1BOG21SPB01-06	0.37	285
5	New Bullards Bar Reservoir	L1	Spotted Bass	I_517PNB117L1BOG21SPB01-07	0.42	289
5	New Bullards Bar Reservoir	L1	Spotted Bass	I_517PNB117L1BOG21SPB01-04	0.40	295
5	New Bullards Bar Reservoir	L1	Spotted Bass	I_517PNB117L1BOG21SPB02-01	0.56	317
5	New Bullards Bar Reservoir	L1	Spotted Bass	I_517PNB117L1BOG21SPB01-08	0.80	300
5	New Bullards Bar Reservoir	L1	Spotted Bass	I_517PNB117L1BOG21SPB02-05	1.13	367
5	New Bullards Bar Reservoir	L2	Spotted Bass	I_517PNB117L2BOG21SPB01-01	0.17	228
5	New Bullards Bar Reservoir	L2	Spotted Bass	I_517PNB117L2BOG21SPB01-08	0.45	276
5	New Bullards Bar Reservoir	L2	Spotted Bass	I_517PNB117L2BOG21SPB02-03	0.68	311
5	New Bullards Bar Reservoir	L2	Spotted Bass	I_517PNB117L2BOG21SPB01-04	0.26	275
5	New Bullards Bar Reservoir	L2	Spotted Bass	I_517PNB117L2BOG21SPB01-02	0.12	243
5	New Bullards Bar Reservoir	L2	Spotted Bass	I_517PNB117L2BOG21SPB01-05	0.39	270
5	New Bullards Bar Reservoir	L2	Spotted Bass	I_517PNB117L2BOG21SPB01-03	0.20	256
5	New Bullards Bar Reservoir	L2	Spotted Bass	I_517PNB117L2BOG21SPB02-05	0.28	273

Region	Station Name	Location	Common Name	Sample ID	Mercury (µg/g ww)	Total Length (mm)
5	New Bullards Bar Reservoir	L2	Spotted Bass	I_517PNB117L2BOG21SPB02-04	0.23	292
5	New Bullards Bar Reservoir	L2	Spotted Bass	I_517PNB117L2BOG21SPB01-06	0.15	268
5	New Bullards Bar Reservoir	L2	Spotted Bass	I_517PNB117L2BOG21SPB02-03	0.29	311
5	New Bullards Bar Reservoir	L2	Spotted Bass	I_517PNB117L2BOG21SPB01-07	0.24	285
5	New Bullards Bar Reservoir	L2	Spotted Bass	I_517PNB117L2BOG21SPB02-01	0.25	262
5	New Bullards Bar Reservoir	L2	Spotted Bass	I_517PNB117L2BOG21SPB01-09	0.25	278
5	New Bullards Bar Reservoir	L2	Spotted Bass	I_517PNB117L2BOG21SPB02-02	0.25	271
5	New Bullards Bar Reservoir	L3	Spotted Bass	I_517PNB117L3BOG21SPB01-06	1.08	292
5	New Bullards Bar Reservoir	L3	Spotted Bass	I_517PNB117L3BOG21SPB02-03	0.80	347
5	New Bullards Bar Reservoir	L3	Spotted Bass	I_517PNB117L3BOG21SPB02-01	1.00	333
5	New Bullards Bar Reservoir	L3	Spotted Bass	I_517PNB117L3BOG21SPB01-09	1.06	340
5	New Bullards Bar Reservoir	L3	Spotted Bass	I_517PNB117L3BOG21SPB02-04	0.52	350
5	New Bullards Bar Reservoir	L3	Spotted Bass	I_517PNB117L3BOG21SPB01-03	0.38	245
5	New Bullards Bar Reservoir	L3	Spotted Bass	I_517PNB117L3BOG21SPB02-05	0.64	342
5	New Bullards Bar Reservoir	L3	Spotted Bass	I_517PNB117L3BOG21SPB01-04	0.36	247

Region	Station Name	Location	Common Name	Sample ID	Mercury (µg/g ww)	Total Length (mm)
5	New Bullards Bar Reservoir	L3	Spotted Bass	I_517PNB117L3BOG21SPB02-02	1.29	345
5	New Bullards Bar Reservoir	L3	Spotted Bass	I_517PNB117L3BOG21SPB01-05	0.53	264
5	New Bullards Bar Reservoir	L3	Spotted Bass	I_517PNB117L3BOG21SPB01-08	0.97	310
5	New Bullards Bar Reservoir	L3	Spotted Bass	I_517PNB117L3BOG21SPB01-07	0.86	292
5	New Bullards Bar Reservoir	L3	Spotted Bass	I_517PNB117L3BOG21SPB01-02	0.90	239
5	New Bullards Bar Reservoir	L3	Spotted Bass	I_517PNB117L3BOG21SPB01-01	0.85	236
5	Lake Amador	NA	Largemouth Bass	I_532PLA129BOG21LMB03-04	2.03	408
5	Lake Amador	NA	Largemouth Bass	I_532PLA129BOG21LMB03-05	1.39	425
5	Lake Amador	NA	Largemouth Bass	I_532PLA129BOG21LMB02-04	0.58	295
5	Lake Amador	NA	Largemouth Bass	I_532PLA129BOG21LMB02-05	0.78	318
5	Lake Amador	NA	Largemouth Bass	I_532PLA129BOG21LMB03-03	1.85	390
5	Lake Amador	NA	Largemouth Bass	I_532PLA129BOG21LMB02-02	0.19	209
5	Lake Amador	NA	Largemouth Bass	I_532PLA129BOG21LMB02-06	0.62	322
5	Lake Amador	NA	Largemouth Bass	I_532PLA129BOG21LMB03-01	0.84	361
5	Lake Amador	NA	Largemouth Bass	I_532PLA129BOG21LMB02-01	0.15	200
5	Lake Amador	NA	Largemouth Bass	I_532PLA129BOG21LMB02-03	0.63	285
5	Lake Amador	NA	Largemouth Bass	I_532PLA129BOG21LMB02-07	0.59	315
5	Lake Amador	NA	Largemouth Bass	I_532PLA129BOG21LMB02-08	0.75	331
5	Lake Amador	NA	Largemouth Bass	I_532PLA129BOG21LMB03-02	1.14	389
5	Lake Amador	NA	Largemouth Bass	I_532PLA129BOG21LMB03-06	1.26	473
5	Millerton Lake	L1	Largemouth Bass	I_540PML138L1BOG21LMB02-09	0.26	330
5	Millerton Lake	L1	Largemouth Bass	I_540PML138L1BOG21LMB02-01	0.15	211

Region	Station Name	Location	Common Name	Sample ID	Mercury (µg/g ww)	Total Length (mm)
5	Millerton Lake	L1	Largemouth Bass	I_540PML138L1BOG21LMB02-08	0.27	318
5	Millerton Lake	L1	Largemouth Bass	I_540PML138L1BOG21LMB03-03	0.48	392
5	Millerton Lake	L1	Largemouth Bass	I_540PML138L1BOG21LMB03-05	0.34	438
5	Millerton Lake	L1	Largemouth Bass	I_540PML138L1BOG21LMB03-04	0.33	425
5	Millerton Lake	L1	Largemouth Bass	I_540PML138L1BOG21LMB02-07	0.15	325
5	Millerton Lake	L1	Largemouth Bass	I_540PML138L1BOG21LMB02-06	0.23	350
5	Millerton Lake	L1	Largemouth Bass	I_540PML138L1BOG21LMB02-04	0.19	278
5	Millerton Lake	L1	Largemouth Bass	I_540PML138L1BOG21LMB03-01	0.35	362
5	Millerton Lake	L1	Largemouth Bass	I_540PML138L1BOG21LMB03-02	0.31	382
5	Millerton Lake	L1	Largemouth Bass	I_540PML138L1BOG21LMB02-05	0.18	310
5	Millerton Lake	L1	Largemouth Bass	I_540PML138L1BOG21LMB02-03	0.16	230
5	Millerton Lake	L1	Largemouth Bass	I_540PML138L1BOG21LMB02-02	0.12	210
5	Millerton Lake	L2	Largemouth Bass	I_540PML138L2BOG21LMB02-01	0.20	218
5	Millerton Lake	L2	Largemouth Bass	I_540PML138L2BOG21LMB02-02	0.11	200
5	Millerton Lake	L2	Largemouth Bass	I_540PML138L2BOG21LMB02-05	0.38	349

Region	Station Name	Location	Common Name	Sample ID	Mercury (µg/g ww)	Total Length (mm)
5	Millerton Lake	L2	Largemouth Bass	I_540PML138L2BOG21LMB02-04	0.26	271
5	Millerton Lake	L2	Largemouth Bass	I_540PML138L2BOG21LMB02-06	0.24	372
5	Millerton Lake	L2	Largemouth Bass	I_540PML138L2BOG21LMB02-03	0.19	264
5	Millerton Lake	L2	Largemouth Bass	I_540PML138L2BOG21LMB03-03	0.42	415
5	Millerton Lake	L2	Largemouth Bass	I_540PML138L2BOG21LMB02-09	0.43	403
5	Millerton Lake	L2	Largemouth Bass	I_540PML138L2BOG21LMB03-02	0.40	402
5	Millerton Lake	L2	Largemouth Bass	I_540PML138L2BOG21LMB03-05	0.45	421
5	Millerton Lake	L2	Largemouth Bass	I_540PML138L2BOG21LMB02-07	0.41	403
5	Millerton Lake	L2	Largemouth Bass	I_540PML138L2BOG21LMB02-08	0.23	379
5	Millerton Lake	L2	Largemouth Bass	I_540PML138L2BOG21LMB03-04	0.33	410
5	Millerton Lake	L2	Largemouth Bass	I_540PML138L2BOG21LMB03-01	0.32	400
5	Pine Flat Lake-552TP0032	L1	Largemouth Bass	I_552TP0032L1BOG21LMB02-02	0.06	170
5	Pine Flat Lake-552TP0032	L1	Largemouth Bass	I_552TP0032L1BOG21LMB02-01	0.25	175
5	Pine Flat Lake-552TP0032	L1	Largemouth Bass	I_552TP0032L1BOG21LMB03-03	0.53	398
5	Pine Flat Lake-552TP0032	L1	Largemouth Bass	I_552TP0032L1BOG21LMB02-05	0.22	324

Region	Station Name	Location	Common Name	Sample ID	Mercury (µg/g ww)	Total Length (mm)
5	Pine Flat Lake-552TP0032	L1	Largemouth Bass	I_552TP0032L1BOG21LMB02-08	0.42	358
5	Pine Flat Lake-552TP0032	L1	Largemouth Bass	I_552TP0032L1BOG21LMB03-04	0.52	422
5	Pine Flat Lake-552TP0032	L1	Largemouth Bass	I_552TP0032L1BOG21LMB02-03	0.15	176
5	Pine Flat Lake-552TP0032	L1	Largemouth Bass	I_552TP0032L1BOG21LMB02-07	0.52	392
5	Pine Flat Lake-552TP0032	L1	Largemouth Bass	I_552TP0032L1BOG21LMB03-02	0.54	395
5	Pine Flat Lake-552TP0032	L1	Largemouth Bass	I_552TP0032L1BOG21LMB03-01	0.63	400
5	Pine Flat Lake-552TP0032	L1	Largemouth Bass	I_552TP0032L1BOG21LMB02-04	0.18	240
5	Pine Flat Lake-552TP0032	L1	Largemouth Bass	I_552TP0032L1BOG21LMB03-05	0.55	430
5	Pine Flat Lake-552TP0032	L1	Largemouth Bass	I_552TP0032L1BOG21LMB02-06	0.62	364
5	Pine Flat Lake-552TP0032	L1	Largemouth Bass	I_552TP0032L1BOG21LMB03-06	0.86	462
5	Pine Flat Lake-552TP0032	L2	Largemouth Bass	I_552TP0032L2BOG21LMB02-02	0.12	206
5	Pine Flat Lake-552TP0032	L2	Largemouth Bass	I_552TP0032L2BOG21LMB02-01	0.11	204
5	Pine Flat Lake-552TP0032	L2	Largemouth Bass	I_552TP0032L2BOG21LMB03-01	0.53	402
5	Pine Flat Lake-552TP0032	L2	Largemouth Bass	I_552TP0032L2BOG21LMB03-03	0.66	440
5	Pine Flat Lake-552TP0032	L2	Largemouth Bass	I_552TP0032L2BOG21LMB02-07	0.76	398

Region	Station Name	Location	Common Name	Sample ID	Mercury (µg/g ww)	Total Length (mm)
5	Pine Flat Lake-552TP0032	L2	Largemouth Bass	I_552TP0032L2BOG21LMB02-05	0.16	325
5	Pine Flat Lake-552TP0032	L2	Largemouth Bass	I_552TP0032L2BOG21LMB02-04	0.14	294
5	Pine Flat Lake-552TP0032	L2	Largemouth Bass	I_552TP0032L2BOG21LMB03-05	0.86	445
5	Pine Flat Lake-552TP0032	L2	Largemouth Bass	I_552TP0032L2BOG21LMB03-02	0.53	374
5	Pine Flat Lake-552TP0032	L2	Largemouth Bass	I_552TP0032L2BOG21LMB02-06	0.60	369
5	Pine Flat Lake-552TP0032	L2	Largemouth Bass	I_552TP0032L2BOG21LMB02-08	0.61	378
5	Pine Flat Lake-552TP0032	L2	Largemouth Bass	I_552TP0032L2BOG21LMB03-06	0.68	437
5	Pine Flat Lake-552TP0032	L2	Largemouth Bass	I_552TP0032L2BOG21LMB02-03	0.14	230
5	Pine Flat Lake-552TP0032	L2	Largemouth Bass	I_552TP0032L2BOG21LMB03-04	1.09	468
6	Lake Arrowhead	NA	Rainbow Trout	I_628PLA091BOG21RBT01-05	0.01	357
6	Lake Arrowhead	NA	Rainbow Trout	I_628PLA091BOG21RBT01-04	0.01	369
6	Lake Arrowhead	NA	Rainbow Trout	I_628PLA091BOG21RBT01-09	0.01	340
6	Lake Arrowhead	NA	Rainbow Trout	I_628PLA091BOG21RBT01-08	0.01	327
6	Lake Arrowhead	NA	Rainbow Trout	I_628PLA091BOG21RBT01-02	0.01	291
6	Lake Arrowhead	NA	Rainbow Trout	I_628PLA091BOG21RBT01-03	0.02	347
6	Lake Arrowhead	NA	Rainbow Trout	I_628PLA091BOG21RBT01-07	0.01	388
6	Lake Arrowhead	NA	Rainbow Trout	I_628PLA091BOG21RBT01-10	0.01	436
6	Lake Arrowhead	NA	Rainbow Trout	I_628PLA091BOG21RBT01-06	0.01	355
6	Lake Arrowhead	NA	Rainbow Trout	I_628PLA091BOG21RBT01-01	0.02	281
6	Lake Arrowhead	NA	Spotted Bass	I_628PLA091BOG21SPB02-07	0.65	390
6	Lake Arrowhead	NA	Spotted Bass	I_628PLA091BOG21SPB02-08	0.82	384

Region	Station Name	Location	Common Name	Sample ID	Mercury (µg/g ww)	Total Length (mm)
6	Lake Arrowhead	NA	Spotted Bass	I_628PLA091BOG21SPB03-02	0.69	381
6	Lake Arrowhead	NA	Spotted Bass	I_628PLA091BOG21SPB03-04	0.78	391
6	Lake Arrowhead	NA	Spotted Bass	I_628PLA091BOG21SPB02-04	0.21	256
6	Lake Arrowhead	NA	Spotted Bass	I_628PLA091BOG21SPB02-03	0.18	281
6	Lake Arrowhead	NA	Spotted Bass	I_628PLA091BOG21SPB03-03	0.71	398
6	Lake Arrowhead	NA	Spotted Bass	I_628PLA091BOG21SPB02-01	0.19	222
6	Lake Arrowhead	NA	Spotted Bass	I_628PLA091BOG21SPB02-06	0.67	383
6	Lake Arrowhead	NA	Spotted Bass	I_628PLA091BOG21SPB03-01	0.49	386
6	Lake Arrowhead	NA	Spotted Bass	I_628PLA091BOG21SPB02-05	0.74	399
6	Lake Arrowhead	NA	Spotted Bass	I_628PLA091BOG21SPB02-09	0.81	381
6	Lake Arrowhead	NA	Spotted Bass	I_628PLA091BOG21SPB03-05	0.78	380
6	Lake Arrowhead	NA	Spotted Bass	I_628PLA091BOG21SPB02-02	0.12	214
7	Gene Wash Reservoir	NA	Largemouth Bass	I_714TG0155BOG21LMB02-04	0.09	296
7	Gene Wash Reservoir	NA	Largemouth Bass	I_714TG0155BOG21LMB03-02	0.12	496
7	Gene Wash Reservoir	NA	Largemouth Bass	I_714TG0155BOG21LMB03-04	0.19	470
7	Gene Wash Reservoir	NA	Largemouth Bass	I_714TG0155BOG21LMB03-05	0.11	520
7	Gene Wash Reservoir	NA	Largemouth Bass	I_714TG0155BOG21LMB03-03	0.08	466
7	Gene Wash Reservoir	NA	Largemouth Bass	I_714TG0155BOG21LMB02-02	0.12	250
7	Gene Wash Reservoir	NA	Largemouth Bass	I_714TG0155BOG21LMB03-01	0.25	482
7	Gene Wash Reservoir	NA	Largemouth Bass	I_714TG0155BOG21LMB02-03	0.11	287
7	Gene Wash Reservoir	NA	Largemouth Bass	I_714TG0155BOG21LMB02-06	0.17	521
7	Gene Wash Reservoir	NA	Largemouth Bass	I_714TG0155BOG21LMB02-05	0.07	308
7	Gene Wash Reservoir	NA	Largemouth Bass	I_714TG0155BOG21LMB02-01	0.10	322
8	Big Bear Lake_BOG	L1	Spotted Bass	I_801PBB131L1BOG21SPB02-01	0.10	315
8	Big Bear Lake_BOG	L1	Spotted Bass	I_801PBB131L1BOG21SPB02-04	0.33	439
8	Big Bear Lake_BOG	L1	Spotted Bass	I_801PBB131L1BOG21SPB01-05	0.12	325
8	Big Bear Lake_BOG	L1	Spotted Bass	I_801PBB131L1BOG21SPB01-01	0.06	218
8	Big Bear Lake_BOG	L1	Spotted Bass	I_801PBB131L1BOG21SPB01-09	0.10	329
8	Big Bear Lake_BOG	L1	Spotted Bass	I_801PBB131L1BOG21SPB01-08	0.11	315

Region	Station Name	Location	Common Name	Sample ID	Mercury (µg/g ww)	Total Length (mm)
8	Big Bear Lake_BOG	L1	Spotted Bass	I_801PBB131L1BOG21SPB01-04	0.10	269
8	Big Bear Lake_BOG	L1	Spotted Bass	I_801PBB131L1BOG21SPB02-02	0.45	397
8	Big Bear Lake_BOG	L1	Spotted Bass	I_801PBB131L1BOG21SPB01-06	0.13	305
8	Big Bear Lake_BOG	L1	Spotted Bass	I_801PBB131L1BOG21SPB01-02	0.10	263
8	Big Bear Lake_BOG	L1	Spotted Bass	I_801PBB131L1BOG21SPB01-03	0.10	278
8	Big Bear Lake_BOG	L2	Rainbow Trout	I_801PBB131L2BOG21RBT01-07	0.02	396
8	Big Bear Lake_BOG	L2	Spotted Bass	I_801PBB131L2BOG21SPB01-06	0.11	319
8	Big Bear Lake_BOG	L2	Spotted Bass	I_801PBB131L2BOG21SPB01-02	0.09	247
8	Big Bear Lake_BOG	L2	Spotted Bass	I_801PBB131L2BOG21SPB01-09	0.19	404
8	Big Bear Lake_BOG	L2	Spotted Bass	I_801PBB131L2BOG21SPB02-03	0.33	420
8	Big Bear Lake_BOG	L2	Spotted Bass	I_801PBB131L2BOG21SPB02-05	0.47	423
8	Big Bear Lake_BOG	L2	Spotted Bass	I_801PBB131L2BOG21SPB01-05	0.10	280
8	Big Bear Lake_BOG	L2	Spotted Bass	I_801PBB131L2BOG21SPB01-07	0.28	387
8	Big Bear Lake_BOG	L2	Spotted Bass	I_801PBB131L2BOG21SPB01-08	0.44	392
8	Big Bear Lake_BOG	L2	Spotted Bass	I_801PBB131L2BOG21SPB02-01	0.35	405
8	Big Bear Lake_BOG	L2	Spotted Bass	I_801PBB131L2BOG21SPB01-01	0.07	204
8	Big Bear Lake_BOG	L2	Spotted Bass	I_801PBB131L2BOG21SPB02-02	0.28	399
8	Big Bear Lake_BOG	L2	Spotted Bass	I_801PBB131L2BOG21SPB01-04	0.15	314
8	Big Bear Lake_BOG	L2	Spotted Bass	I_801PBB131L2BOG21SPB02-04	0.18	442
8	Big Bear Lake_BOG	L2	Spotted Bass	I_801PBB131L2BOG21SPB01-03	0.14	286
8	Perris Reservoir	L2	Largemouth Bass	I_802PPR203L2BOG21LMB02-01	0.17	377
8	Perris Reservoir	L2	Largemouth Bass	I_802PPR203L2BOG21LMB01-05	0.13	344
8	Perris Reservoir	L2	Largemouth Bass	I_802PPR203L2BOG21LMB02-05	0.37	490
8	Perris Reservoir	L2	Largemouth Bass	I_802PPR203L2BOG21LMB01-02	0.07	247
8	Perris Reservoir	L2	Largemouth Bass	I_802PPR203L2BOG21LMB01-04	0.08	290
8	Perris Reservoir	L2	Largemouth Bass	I_802PPR203L2BOG21LMB01-07	0.18	362
8	Perris Reservoir	L2	Largemouth Bass	I_802PPR203L2BOG21LMB01-09	0.29	398
8	Perris Reservoir	L2	Largemouth Bass	I_802PPR203L2BOG21LMB02-02	0.20	389
8	Perris Reservoir	L2	Largemouth Bass	I_802PPR203L2BOG21LMB02-03	0.16	421

Region	Station Name	Location	Common Name	Sample ID	Mercury (µg/g ww)	Total Length (mm)
8	Perris Reservoir	L2	Largemouth Bass	I_802PPR203L2BOG21LMB01-06	0.15	344
8	Perris Reservoir	L2	Largemouth Bass	I_802PPR203L2BOG21LMB01-03	0.13	289
8	Perris Reservoir	L2	Largemouth Bass	I_802PPR203L2BOG21LMB02-04	0.79	516
8	Perris Reservoir	L2	Largemouth Bass	I_802PPR203L2BOG21LMB01-01	0.06	226
8	Perris Reservoir	L2	Largemouth Bass	I_802PPR203L2BOG21LMB01-08	0.22	385
9	Diamond Valley Lake	L1	Largemouth Bass	I_902DMDVLKL1BOG21LMB01-05	0.20	224
9	Diamond Valley Lake	L1	Largemouth Bass	I_902DMDVLKL1BOG21LMB01-03	0.14	270
9	Diamond Valley Lake	L1	Largemouth Bass	I_902DMDVLKL1BOG21LMB01-07	0.12	220
9	Diamond Valley Lake	L1	Largemouth Bass	I_902DMDVLKL1BOG21LMB02-05	0.38	469
9	Diamond Valley Lake	L1	Largemouth Bass	I_902DMDVLKL1BOG21LMB02-03	0.80	483
9	Diamond Valley Lake	L1	Largemouth Bass	I_902DMDVLKL1BOG21LMB02-01	0.16	246
9	Diamond Valley Lake	L1	Largemouth Bass	I_902DMDVLKL1BOG21LMB01-04	0.09	210
9	Diamond Valley Lake	L1	Largemouth Bass	I_902DMDVLKL1BOG21LMB01-08	0.10	213
9	Diamond Valley Lake	L1	Largemouth Bass	I_902DMDVLKL1BOG21LMB01-06	0.11	231
9	Diamond Valley Lake	L1	Largemouth Bass	I_902DMDVLKL1BOG21LMB02-02	0.45	370
9	Diamond Valley Lake	L1	Largemouth Bass	I_902DMDVLKL1BOG21LMB01-01	0.13	204
9	Diamond Valley Lake	L1	Largemouth Bass	I_902DMDVLKL1BOG21LMB01-09	0.11	220

Region	Station Name	Location	Common Name	Sample ID	Mercury (µg/g ww)	Total Length (mm)
9	Diamond Valley Lake	L1	Largemouth Bass	I_902DMDVLKL1BOG21LMB02-04	0.40	465
9	Diamond Valley Lake	L1	Largemouth Bass	I_902DMDVLKL1BOG21LMB01-02	0.10	204
9	Diamond Valley Lake	L2	Largemouth Bass	I_902DMDVLKL2BOG21LMB01-04	0.09	250
9	Diamond Valley Lake	L2	Largemouth Bass	I_902DMDVLKL2BOG21LMB01-03	0.12	230
9	Diamond Valley Lake	L2	Largemouth Bass	I_902DMDVLKL2BOG21LMB01-05	0.18	257
9	Diamond Valley Lake	L2	Largemouth Bass	I_902DMDVLKL2BOG21LMB02-05	0.32	408
9	Diamond Valley Lake	L2	Largemouth Bass	I_902DMDVLKL2BOG21LMB02-07	0.88	515
9	Diamond Valley Lake	L2	Largemouth Bass	I_902DMDVLKL2BOG21LMB02-01	0.18	258
9	Diamond Valley Lake	L2	Largemouth Bass	I_902DMDVLKL2BOG21LMB02-03	0.15	326
9	Diamond Valley Lake	L2	Largemouth Bass	I_902DMDVLKL2BOG21LMB01-01	0.10	213
9	Diamond Valley Lake	L2	Largemouth Bass	I_902DMDVLKL2BOG21LMB02-06	0.55	436
9	Diamond Valley Lake	L2	Largemouth Bass	I_902DMDVLKL2BOG21LMB01-02	0.23	233
9	Diamond Valley Lake	L2	Largemouth Bass	I_902DMDVLKL2BOG21LMB01-06	0.46	272
9	Diamond Valley Lake	L2	Largemouth Bass	I_902DMDVLKL2BOG21LMB02-02	0.27	260
9	Diamond Valley Lake	L2	Largemouth Bass	I_902DMDVLKL2BOG21LMB02-04	0.13	300

Region	Station Name	Location	Common Name	Sample ID	Mercury (µg/g ww)	Total Length (mm)
9	Diamond Valley Lake	L2	Largemouth Bass	I_902DMDVLKL2BOG21LMB01-07	0.09	244
9	Diamond Valley Lake	L2	Striped Bass	I_902DMDVLKL2BOG21STB01-01	0.98	670
9	O'Neill Lake	NA	Largemouth Bass	I_902ONEILLBOG21LMB02-04	0.11	260
9	O'Neill Lake	NA	Largemouth Bass	I_902ONEILLBOG21LMB02-08	0.22	360
9	O'Neill Lake	NA	Largemouth Bass	I_902ONEILLBOG21LMB02-05	0.07	358
9	O'Neill Lake	NA	Largemouth Bass	I_902ONEILLBOG21LMB02-06	0.17	322
9	O'Neill Lake	NA	Largemouth Bass	I_902ONEILLBOG21LMB03-06	0.24	495
9	O'Neill Lake	NA	Largemouth Bass	I_902ONEILLBOG21LMB03-03	0.20	392
9	O'Neill Lake	NA	Largemouth Bass	I_902ONEILLBOG21LMB03-05	0.17	455
9	O'Neill Lake	NA	Largemouth Bass	I_902ONEILLBOG21LMB02-03	0.10	262
9	O'Neill Lake	NA	Largemouth Bass	I_902ONEILLBOG21LMB02-07	0.20	341
9	O'Neill Lake	NA	Largemouth Bass	I_902ONEILLBOG21LMB03-01	0.21	350
9	O'Neill Lake	NA	Largemouth Bass	I_902ONEILLBOG21LMB02-01	0.07	192
9	O'Neill Lake	NA	Largemouth Bass	I_902ONEILLBOG21LMB03-02	0.26	357
9	O'Neill Lake	NA	Largemouth Bass	I_902ONEILLBOG21LMB03-04	0.14	428
9	O'Neill Lake	NA	Largemouth Bass	I_902ONEILLBOG21LMB02-02	0.13	269
9	Lake Wohlford	NA	Largemouth Bass	I_904PLW126BOG21LMB02-01	0.01	204
9	Lake Wohlford	NA	Largemouth Bass	I_904PLW126BOG21LMB02-07	0.08	379
9	Lake Wohlford	NA	Largemouth Bass	I_904PLW126BOG21LMB03-05	0.05	425
9	Lake Wohlford	NA	Largemouth Bass	I_904PLW126BOG21LMB02-02	0.01	220
9	Lake Wohlford	NA	Largemouth Bass	I_904PLW126BOG21LMB03-02	0.09	374
9	Lake Wohlford	NA	Largemouth Bass	I_904PLW126BOG21LMB02-04	0.01	245
9	Lake Wohlford	NA	Largemouth Bass	I_904PLW126BOG21LMB02-03	0.02	256
9	Lake Wohlford	NA	Largemouth Bass	I_904PLW126BOG21LMB02-08	0.06	370
9	Lake Wohlford	NA	Largemouth Bass	I_904PLW126BOG21LMB02-09	0.08	350
9	Lake Wohlford	NA	Largemouth Bass	I_904PLW126BOG21LMB02-05	0.07	374
9	Lake Wohlford	NA	Largemouth Bass	I_904PLW126BOG21LMB03-01	0.05	359
9	Lake Wohlford	NA	Largemouth Bass	I_904PLW126BOG21LMB02-06	0.07	376

Region	Station Name	Location	Common Name	Sample ID	Mercury (µg/g ww)	Total Length (mm)
9	Lake Wohlford	NA	Largemouth Bass	I_904PLW126BOG21LMB03-04	0.15	457
9	Lake Wohlford	NA	Largemouth Bass	I_904PLW126BOG21LMB03-03	0.07	413
9	El Capitan Lake	NA	Blue Catfish	I_907PEC062BOG21BLC03-01	0.96	1030
9	El Capitan Lake	NA	Blue Catfish	I_907PEC062BOG21BLC02-01	1.42	969
9	El Capitan Lake	NA	Blue Catfish	I_907PEC062BOG21BLC02-02	0.82	842
9	El Capitan Lake	NA	Blue Catfish	I_907PEC062BOG21BLC03-02	1.06	1070
9	El Capitan Lake	NA	Blue Catfish	I_907PEC062BOG21BLC01-01	1.99	899
9	El Capitan Lake	NA	Blue Catfish	I_907PEC062BOG21BLC01-02	0.87	923
9	El Capitan Lake	NA	Blue Catfish	I_907PEC062BOG21BLC04-01	0.71	795
9	El Capitan Lake	NA	Blue Catfish	I_907PEC062BOG21BLC04-02	1.69	797
9	El Capitan Lake	NA	Largemouth Bass	I_907PEC062BOG21LMB01-02	0.19	247
9	El Capitan Lake	NA	Largemouth Bass	I_907PEC062BOG21LMB01-06	0.73	372
9	El Capitan Lake	NA	Largemouth Bass	I_907PEC062BOG21LMB01-07	0.69	345
9	El Capitan Lake	NA	Largemouth Bass	I_907PEC062BOG21LMB01-05	0.29	351
9	El Capitan Lake	NA	Largemouth Bass	I_907PEC062BOG21LMB02-03	0.80	429
9	El Capitan Lake	NA	Largemouth Bass	I_907PEC062BOG21LMB01-04	0.16	290
9	El Capitan Lake	NA	Largemouth Bass	I_907PEC062BOG21LMB01-01	0.15	243
9	El Capitan Lake	NA	Largemouth Bass	I_907PEC062BOG21LMB01-09	0.58	381
9	El Capitan Lake	NA	Largemouth Bass	I_907PEC062BOG21LMB02-04	0.78	450
9	El Capitan Lake	NA	Largemouth Bass	I_907PEC062BOG21LMB01-08	0.77	364
9	El Capitan Lake	NA	Largemouth Bass	I_907PEC062BOG21LMB02-01	0.33	340
9	El Capitan Lake	NA	Largemouth Bass	I_907PEC062BOG21LMB02-05	0.79	524
9	El Capitan Lake	NA	Largemouth Bass	I_907PEC062BOG21LMB02-02	0.67	398
9	El Capitan Lake	NA	Largemouth Bass	I_907PEC062BOG21LMB01-03	0.19	252
9	Morena Reservoir	NA	Black Crappie	I_911PMR110BOG21BCR01-08	0.30	227
9	Morena Reservoir	NA	Black Crappie	I_911PMR110BOG21BCR01-02	0.26	210
9	Morena Reservoir	NA	Black Crappie	I_911PMR110BOG21BCR01-01	0.33	205
9	Morena Reservoir	NA	Black Crappie	I_911PMR110BOG21BCR01-06	0.31	212
9	Morena Reservoir	NA	Black Crappie	I_911PMR110BOG21BCR01-03	0.30	215

Region	Station Name	Location	Common Name	Sample ID	Mercury (µg/g ww)	Total Length (mm)
9	Morena Reservoir	NA	Black Crappie	I_911PMR110BOG21BCR01-09	0.21	214
9	Morena Reservoir	NA	Black Crappie	I_911PMR110BOG21BCR01-07	0.30	232
9	Morena Reservoir	NA	Black Crappie	I_911PMR110BOG21BCR01-04	0.38	210
9	Morena Reservoir	NA	Black Crappie	I_911PMR110BOG21BCR01-10	0.30	216
9	Morena Reservoir	NA	Black Crappie	I_911PMR110BOG21BCR01-05	0.27	204
9	Morena Reservoir	NA	Largemouth Bass	I_911PMR110BOG21LMB03-05	0.94	438
9	Morena Reservoir	NA	Largemouth Bass	I_911PMR110BOG21LMB02-05	0.67	356
9	Morena Reservoir	NA	Largemouth Bass	I_911PMR110BOG21LMB03-03	0.85	423
9	Morena Reservoir	NA	Largemouth Bass	I_911PMR110BOG21LMB02-09	0.40	315
9	Morena Reservoir	NA	Largemouth Bass	I_911PMR110BOG21LMB02-01	0.32	205
9	Morena Reservoir	NA	Largemouth Bass	I_911PMR110BOG21LMB02-08	0.41	324
9	Morena Reservoir	NA	Largemouth Bass	I_911PMR110BOG21LMB03-04	0.70	407
9	Morena Reservoir	NA	Largemouth Bass	I_911PMR110BOG21LMB02-04	0.26	291
9	Morena Reservoir	NA	Largemouth Bass	I_911PMR110BOG21LMB02-02	0.42	248
9	Morena Reservoir	NA	Largemouth Bass	I_911PMR110BOG21LMB03-01	0.65	316
9	Morena Reservoir	NA	Largemouth Bass	I_911PMR110BOG21LMB02-03	0.37	272
9	Morena Reservoir	NA	Largemouth Bass	I_911PMR110BOG21LMB03-02	0.68	360
9	Morena Reservoir	NA	Largemouth Bass	I_911PMR110BOG21LMB02-06	0.66	342
9	Morena Reservoir	NA	Largemouth Bass	I_911PMR110BOG21LMB02-07	0.76	356