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Surface Water Ambient Monitoring Program

2015

Long-term Monitoring of Bass Lakes and Reservoirs in California: 2015 Data Report

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Long-term Monitoring of Bass Lakes and Reservoirs in California: 2015 Data Report

Prepared for the

Surface Water Ambient Monitoring Program

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Executive Summary

This data report presents the methods and results for the first year of a long-term program 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 is being performed as part of the California State Water Resources Control Board's Surface Water Ambient Monitoring Program (SWAMP). The program will sample 187 bass lakes throughout the state on a 10-year cycle. The sampling is being done in five rounds or "panels", with approximately 38 lakes in each panel and the rounds occurring every other year. A data report will be prepared to document the results for each panel. An interpretive report on this program will be prepared in 2024, after a full round of sampling of all five panels is completed in 2023.

In this first round of sampling for the long-term bass lake monitoring effort in 2015, 616 sport fish representing four species were collected from 31 lakes throughout California. Largemouth bass was the primary sport fish species sampled, with 429 fish collected from 26 lakes. Smallmouth bass (121 fish from six lakes), spotted bass (24 fish from one lake), and carp (42 fish from six lakes) were also collected. Small prey fish were also sampled. A total of 916 prey fish representing 15 species were collected from the 31 lakes. The most commonly sampled prey fish species were bluegill (260 fish from 26 locations), young largemouth bass (210 fish from 21 locations), and threadfin shad (169 fish from 17 locations).

Mercury concentrations in 429 largemouth bass ranged from 0.01 ppm in a 184 mm fish from Cerritos Park Lake to 1.57 ppm in a 357 mm fish from Lake Berryessa. Mean concentrations estimated for a total length of 350 mm provide a good basis for comparing concentrations between lakes and for comparing concentrations within lakes over time. None of the 26 lakes sampled for largemouth bass had a length-adjusted mean greater than 1.31 ppm (the California Office of Environmental Health Hazard Assessment [OEHHA] no consumption advisory tissue level [ATL] for women over 49 and men). Two of the largemouth bass lakes had length-adjusted means greater than 0.44 ppm (OEHHA's no consumption ATL for women 18-49 and children 1-17): Zayak/Swan Lake at 1.16 ppm and Lake Berryessa at 0.61 ppm. Spotted bass at

Lake Nacimiento (0.96 ppm) also exceeded the 0.44 ppm ATL, as did smallmouth bass at Camp Far West Reservoir (0.61 ppm).

Up through the 2015 dataset, previous SWAMP studies generated length-adjusted black bass means for a total of 164 lakes. The 30 lakes with length-adjusted means sampled in 2015 had slightly lower mean and median concentrations (0.30 and 0.25 ppm, respectively) than the overall dataset (0.36 and 0.29 ppm, respectively). The 2015 lakes also had a slightly lower percentage of lakes with length-adjusted means above 0.20 ppm (the recently adopted statewide water quality objective for sport fish – SWRCB [2017]): 62% versus 67% for the overall dataset.

The 18 largemouth bass lakes that had been sampled previously generally had length-adjusted mean concentrations that were not different or lower than the prior values. The mean length-adjusted mercury concentration in the 30 lakes in 2015 was 0.30 ppm. As future rounds of bass lake monitoring are completed, these annual means for length-adjusted mercury concentrations will provide a robust index of the statewide trend of bass lake mercury.

For prey fish, of the 92 composite samples analyzed, 28 (30%) had concentrations greater than or equal to 0.05 ppm, the statewide water quality objective for mercury in prey fish. A total of eight lakes out of the 34 sampled (24%) had a lakewide mean equal to or greater than 0.05 ppm.

PCBs were measured in a small subset of the lakes. The highest PCB concentrations were observed in two samples from Lake Vasona: 473 ppb and 224 ppb.

Introduction

This document presents a data report for a long-term program 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 Surface Water Ambient Monitoring Program (SWAMP). 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.

SWAMP 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). Mercury has been shown to be a particular concern across all water body types, and this has triggered the development of a statewide TMDL for mercury in reservoirs (Austin and Smitherman 2017).

In 2015 SWAMP took a significant step in initiating a long-term program 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 boards in impairment assessments and 303(d) list updates. The long-term 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 need to be sampled at a 10-year frequency. In consultation with staff from California's nine regional water quality control 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 is being done in five rounds or "panels", with approximately 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 statewide and regional 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). This data report presents the methods and results for the first year of long-term bass lake monitoring in 2015.

A data report will be prepared to document the results for each panel. An interpretive report on this program will be prepared in 2024, after a full round of sampling 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 (Bioaccumulation Oversight Group 2015). The methods are briefly summarized here, with a focus on information specific to the 2015 effort.

Sample Collection

The original sampling plan called for collection of fish from 36 lakes in Panel 1 in 2015. Thirty one of these lakes were successfully sampled in 2015 (Figure 2). Details of sample collection are provided in the Cruise Report (Appendix 1). One lake (Roberts Lake in Region 3) was deleted from the Panel 1 list (and the long-term monitoring plan) because it is a small lake with little fishing activity. Four lakes could not be sampled due to low water levels after

several years of drought: Santa Margarita Lake (Region 3), Elizabeth Lake (Region 4), La Mirada Park Lake (Region 4), and "545TU0164-BOG Other Lake 164" (Region 5). La Mirada Park Lake and "545TU0164-BOG Other Lake 164" were sampled in 2016, and the data for these two lakes are included in this data report. Santa Margarita Lake was eventually sampled in 2017, and the data for that lake are included in the data report for the 2017 sampling. Sampling of Elizabeth Lake was considered in 2017, but it was decided to not sample because the lake had been completely dry for multiple years and had not been restocked with fish.

A summary of the catch at all of the lakes is provided in Table 1. Black bass were successfully collected at each lake sampled. At each location, 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, 11 bass were collected at each location sampled, with larger lakes having multiple locations sampled. Shasta Lake and Lake Havasu, for example, are very large lakes that had four locations sampled in each. Largemouth bass was the most common black bass species collected, but adult smallmouth bass were collected at six lakes (Butt Valley Reservoir, Camp Far West Reservoir, Folsom Lake, Lake Britton, Lake McSwain, and Shasta Lake) and adult spotted bass were collected at one lake (Lake Nacimiento).

Common carp were successfully collected at the six lakes targeted for organics analysis, although the full number of fish for a composite (five) was not obtained at Cerritos Park Lake and Ken Hahn Park Lake.

The sampling design called for collection of ten individuals from each of the three most common prey fish species. Young black bass, young bluegill, and threadfin shad were the prey species most frequently collected, with Mississippi silverside and green sunfish also collected at several lakes.

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 was analyzed by Moss Landing Marine Laboratories following the method presented in the SAP. PCBs and legacy pesticides were

analyzed by the California Department of Fish and Game Water Pollution Control Laboratory in Rancho Cordova, CA, following the methods presented in the SAP. Analytes included in the monitoring, detection limits, as well as numbers of observations and frequencies of detection and reporting, are provided in Table 2.

Following the design described in the SAP, PCBs and legacy pesticides were only analyzed at lakes that either had relatively high concentrations or that were specifically requested by the Regional Boards. These lakes included Lake Vasona (Region 2); Castaic Lake, Cerritos Park Lake, Ken Hahn Park Lake, and Santa Fe Reservoir (Region 4); and O'Neill Forebay (Region 5). Common carp was the species analyzed for organics at each of these lakes.

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 at www.ceden.org/. The data are also available through the California Water Quality Monitoring Council's "My Water Quality" portal (https://mywaterquality.ca.gov/). The My Water Quality site is designed to present data on contaminants in fish and shellfish from SWAMP and other programs to the public in a nontechnical manner, and allows mapping and viewing of summary data from each fishing location. Excel files containing these tables are available from SFEI (contact Jay Davis, jay@sfei.org).

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., Davis et al. 2008, 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 2015 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: other station means from the same sampling period; means from the same station in past sampling; or any other station mean of interest. Length-adjusted means in previous years were calculated slightly differently, with the results for multiple lakes pooled for the analysis of covariance (Davis et al. 2018).

Results

Summary of Fish Collected

In this first round of sampling for the long-term bass lake monitoring effort, 616 sport fish representing four species were collected from 31 lakes throughout California (Figure 2, Table 3a). A concise tabular summary of the data for each lake is provided in Appendix 2a. Data in a more detailed format for composites and means are provided in Appendix 3a, and for mercury analyses on individual fish in Appendix 4. Largemouth bass was the primary sport fish species sampled, with 429 fish collected from 26 lakes. A substantial number of smallmouth bass was also collected, with 121 fish from 6 lakes.

Small prey fish, mostly between 60 and 100 mm total length, were also sampled. A total of 916 prey fish representing 15 species were collected from the 31 lakes (Figure 2, Table 3b). A concise tabulated summary of the data for each lake is provided in Appendix 2b. Data in a more detailed format for composites and means are provided in Appendix 3b. The most commonly sampled prey fish species were bluegill (260 fish from 26 locations), young largemouth bass (210 fish from 21 locations ranging in total length from 67-105 mm), and threadfin shad (169 fish from 17 locations).

Mercury

Sport Fish

Monitoring of mercury in black bass was the primary focus of this effort (Figures 3a-f, 4a, 5a, 5b, and 6-9).

Mercury concentrations in 429 largemouth bass ranged from 0.01 ppm in a 184 mm fish from Cerritos Park Lake to 1.57 ppm in a 357 mm fish from Lake Berryessa (Figures 3a, 4a).

Mercury concentrations in 121 smallmouth bass ranged from 0.03 ppm in one fish each from Butt Valley Reservoir and Shasta Lake to 1.34 ppm in a 495 mm fish from Folsom Lake.

Adult spotted bass were only collected in Lake Nacimiento. Mercury concentrations in those 24 spotted bass ranged from 0.22 ppm in a 202 mm fish to 1.50 ppm in a 408 mm fish (Figures 3e, 4a).

Regressions of mercury versus length (both parameters were not transformed) for each location sampled were used to generate estimates of mean concentrations for 350 mm black bass. None of the 26 lakes sampled for largemouth bass had a length-adjusted mean greater than 1.31 ppm (OEHHA's no consumption advisory tissue level [ATL] for women over 49 and men) (Figure 5a).

Two of the largemouth bass lakes had length-adjusted means greater than 0.44 ppm (OEHHA's no consumption ATL for women 18-49 and children 1-17): Zayak/Swan Lake at 1.16 ppm and Lake Berryessa at 0.61 ppm (Figure 5b). Spotted bass at Lake Nacimiento (0.96 ppm) also exceeded the 0.44 ppm ATL, as did smallmouth bass at Camp Far West Reservoir (0.61 ppm).

Lake San Marcos was the lake sampled in 2015 with the lowest length-adjusted mercury concentration (0.06 ppm in largemouth bass). Five other lakes had the next lowest length-adjusted means of 0.10 ppm (Cerritos Park Lake, Sunbeam Lake, and Lake Havasu with largemouth bass; and Butt Valley Reservoir and Lake Britton with smallmouth bass).

The length-adjusted means provide a good basis for comparing concentrations between lakes and for comparing concentrations within lakes over time. Up through the 2015 dataset, previous SWAMP studies – including the 2007-2008 lakes survey (Davis et al. 2010), the wildlife study (Ackerman et al. 2015), and the survey of lakes with low concentrations of contaminants in sport fish (Davis et al. 2018) - generated length-adjusted means for a total of 164 lakes (Figure 6). The 30 lakes with length-adjusted means sampled in 2015 had slightly lower mean and median concentrations (0.30 and 0.25 ppm, respectively) than the overall dataset (0.36 and 0.29 ppm, respectively). The 2015 lakes also had a slightly lower percentage of lakes with length-adjusted means above 0.20 ppm (the recently adopted statewide water quality objective for sport fish – SWRCB [2017]): 62% versus 67% for the overall dataset. The length-adjusted means for 2015 were fairly evenly distributed across the range of the overall dataset. Zayak/Swan Lake had the third highest concentration for the 164 lake dataset. Lake San Marcos was tied for the seventh lowest concentration.

The 18 largemouth bass lakes that had been sampled previously generally had length-adjusted mean concentrations that were not different or lower than the prior values (Figures 7 and 8). Nine of the lakes were not statistically significantly different (based on non-overlapping 95% confidence intervals for the means, approximated as the means ± 2*SE) from the previous round of sampling, and eight were significantly lower. None of these lakes had a statistically significantly higher mean. One lake (Lake Berryessa) exhibited both a significant increase and decrease over the three rounds that it has been sampled (Figure 8).

The lakes sampled in 2015 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 the 30 lakes in 2015 was 0.30 ppm (Figure 9). As future rounds of bass lake monitoring are completed, these annual means for length-adjusted mercury concentrations will provide a robust index of the statewide trend of bass lake mercury.

Prey Fish

Mercury concentrations in composite samples of prey fish ranged from <0.01 ppm in two samples (bluegill from Cerritos Park Lake and threadfin shad from Beach Lake) to a maximum of 0.29 ppm in a green sunfish sample from Santa Fe Reservoir (Figure 4b). Of the 92 composite samples analyzed, 28 (30%) had concentrations greater than or equal to 0.05 ppm, the statewide water quality objective for mercury in prey fish.

Lakewide mean concentrations (across species) ranged from 0.01 ppm in eight different lakes to a maximum of 0.19 ppm in Lake Nacimiento (Figure 10). A total of eight lakes out of the 34 sampled (24%) had a lakewide mean equal to or greater than 0.05 ppm: Camp Far West Reservoir, Lake Berryessa, Lake Nacimiento, Ruth Lake, Santa Fe Reservoir, Santa Margarita Lake, Woodward Reservoir, and Zayak/Swan Lake.

Organic Contaminants

PCBs were analyzed in nine composite samples of carp from six lakes. The highest concentrations were observed in two samples from Lake Vasona: 473 ppb and 224 ppb. O'Neill Forebay had the second highest PCB concentrations, with two samples at 52 ppb and 49 ppb. Cerritos Park Lake had the next highest concentration, with one sample at 28 ppb. The highest concentration in samples from the remaining three lakes was 6.7 ppb.

Legacy pesticides were also analyzed in the same samples analyzed for PCBs. The maximum concentrations observed in the samples were 81 ppb for DDTs (Lake Vasona), 1.5 ppb for dieldrin (Lake Vasona), and 59 ppb for sum of chlordanes (Lake Vasona).

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

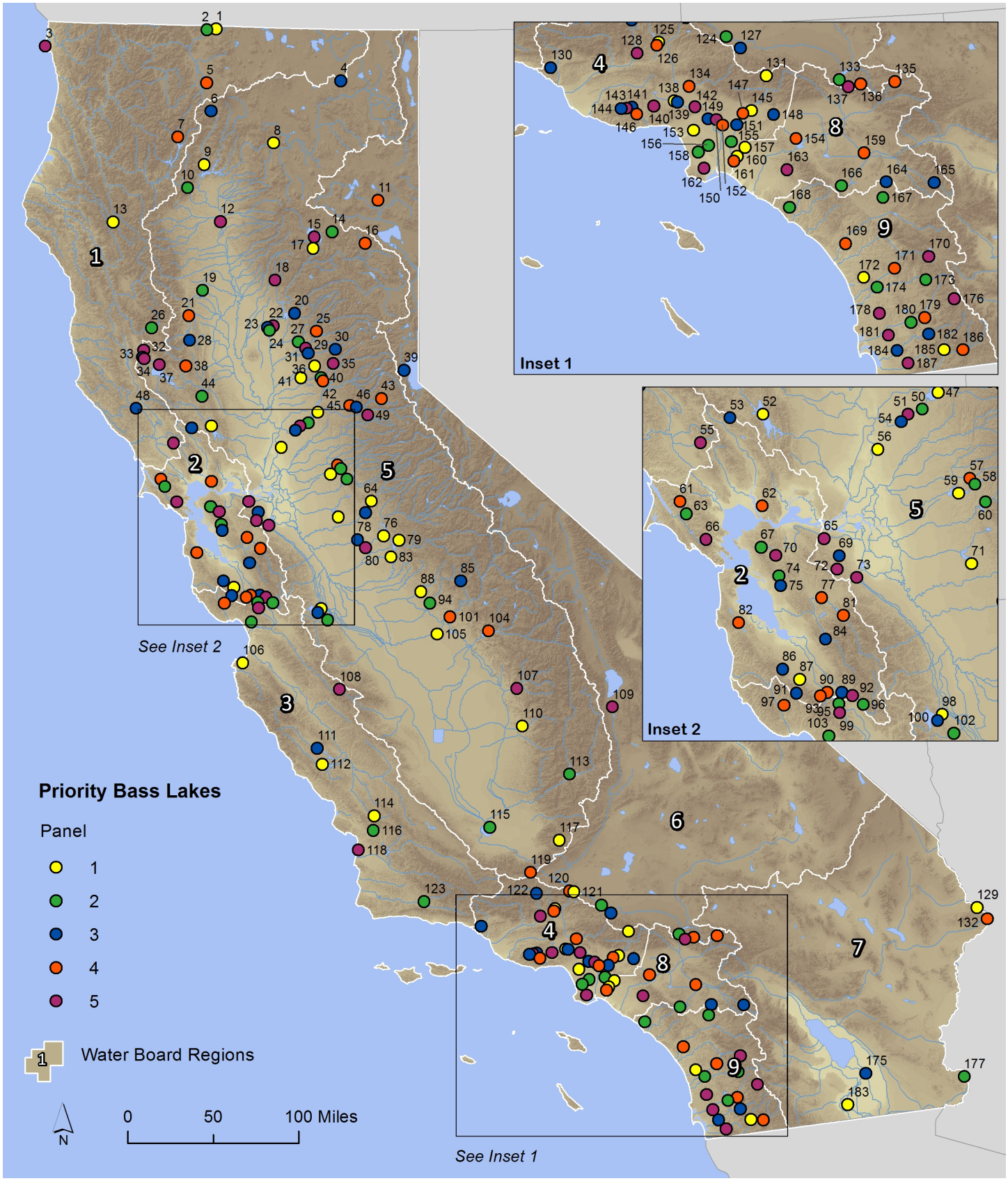
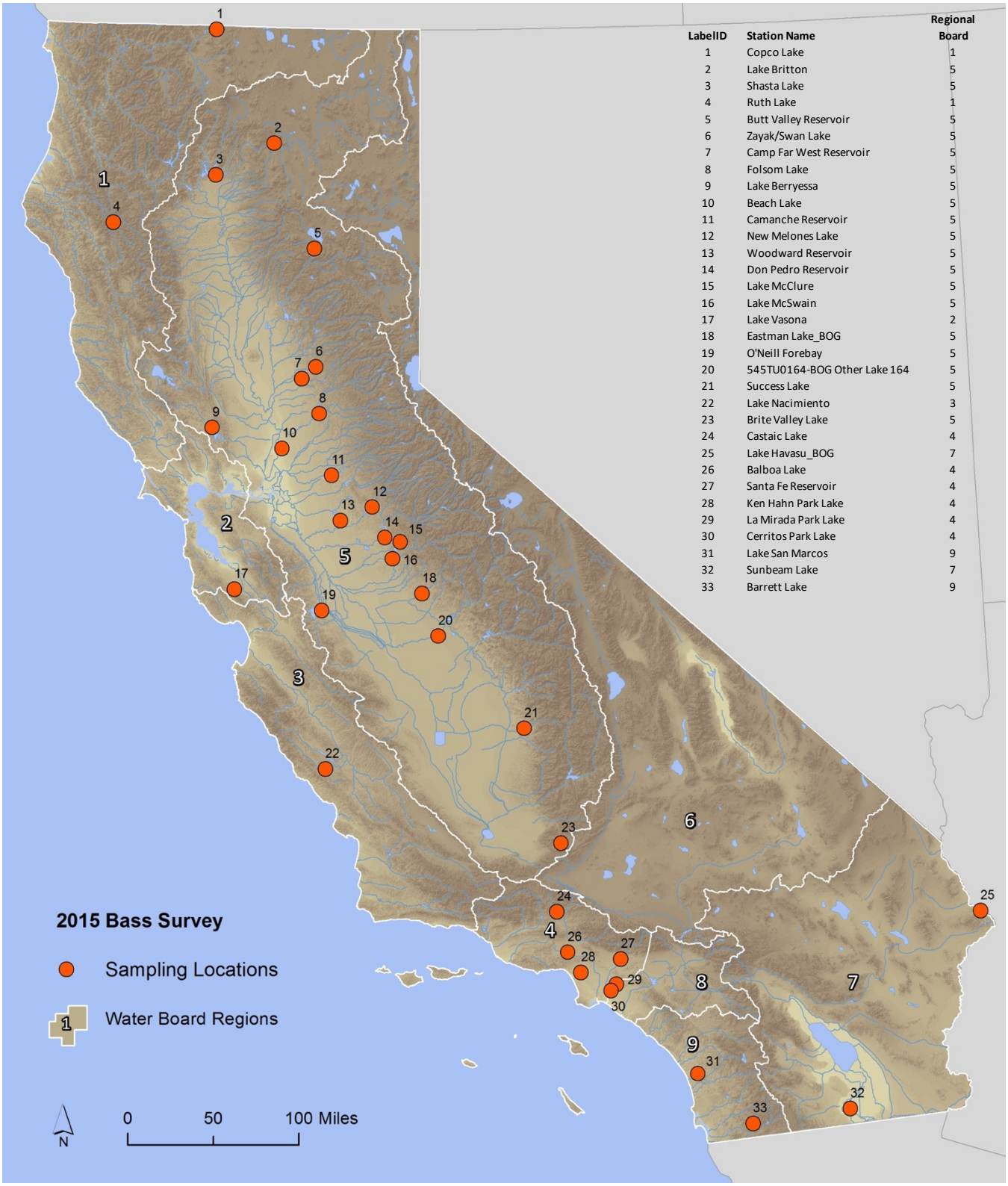


Figure 2. Sampling locations for long-term bass lake monitoring, Panel 1 sampled in 2015. Note: Three lakes from Panel 1 that could not be sampled in 2015 were sampled in later years: La Mirada Park Lake (2016), 545TU0164-BOG Other Lake 164 (2016), and Santa Margarita Lake (2017). Data for Santa Margarita Lake are provided in the Appendices, but not shown in the figures.



LabelID	Station Name	Regional Board
1	Copco Lake	1
2	Lake Britton	5
3	Shasta Lake	5
4	Ruth Lake	1
5	Butt Valley Reservoir	5
6	Zayak/Swan Lake	5
7	Camp Far West Reservoir	5
8	Folsom Lake	5
9	Lake Berryessa	5
10	Beach Lake	5
11	Camanche Reservoir	5
12	New Melones Lake	5
13	Woodward Reservoir	5
14	Don Pedro Reservoir	5
15	Lake McClure	5
16	Lake McSwain	5
17	Lake Vasona	2
18	Eastman Lake_BOG	5
19	O'Neill Forebay	5
20	545TU0164-BOG Other Lake 164	5
21	Success Lake	5
22	Lake Nacimiento	3
23	Brite Valley Lake	5
24	Castaic Lake	4
25	Lake Havasu_BOG	7
26	Balboa Lake	4
27	Santa Fe Reservoir	4
28	Ken Hahn Park Lake	4
29	La Mirada Park Lake	4
30	Cerritos Park Lake	4
31	Lake San Marcos	9
32	Sunbeam Lake	7
33	Barrett Lake	9

Figure 3a. Mercury (ppm wet weight) versus length (mm) for largemouth bass - linear scale. Note: Three lakes from Panel 1 that could not be sampled in 2015 were sampled in later years with largemouth bass collected: Santa Margarita Lake (2017), La Mirada Park Lake (2016), 545TU0164-BOG Other Lake 164 (2016). Data for Santa Margarita Lake are provided in the Appendices, but not shown in the figures.

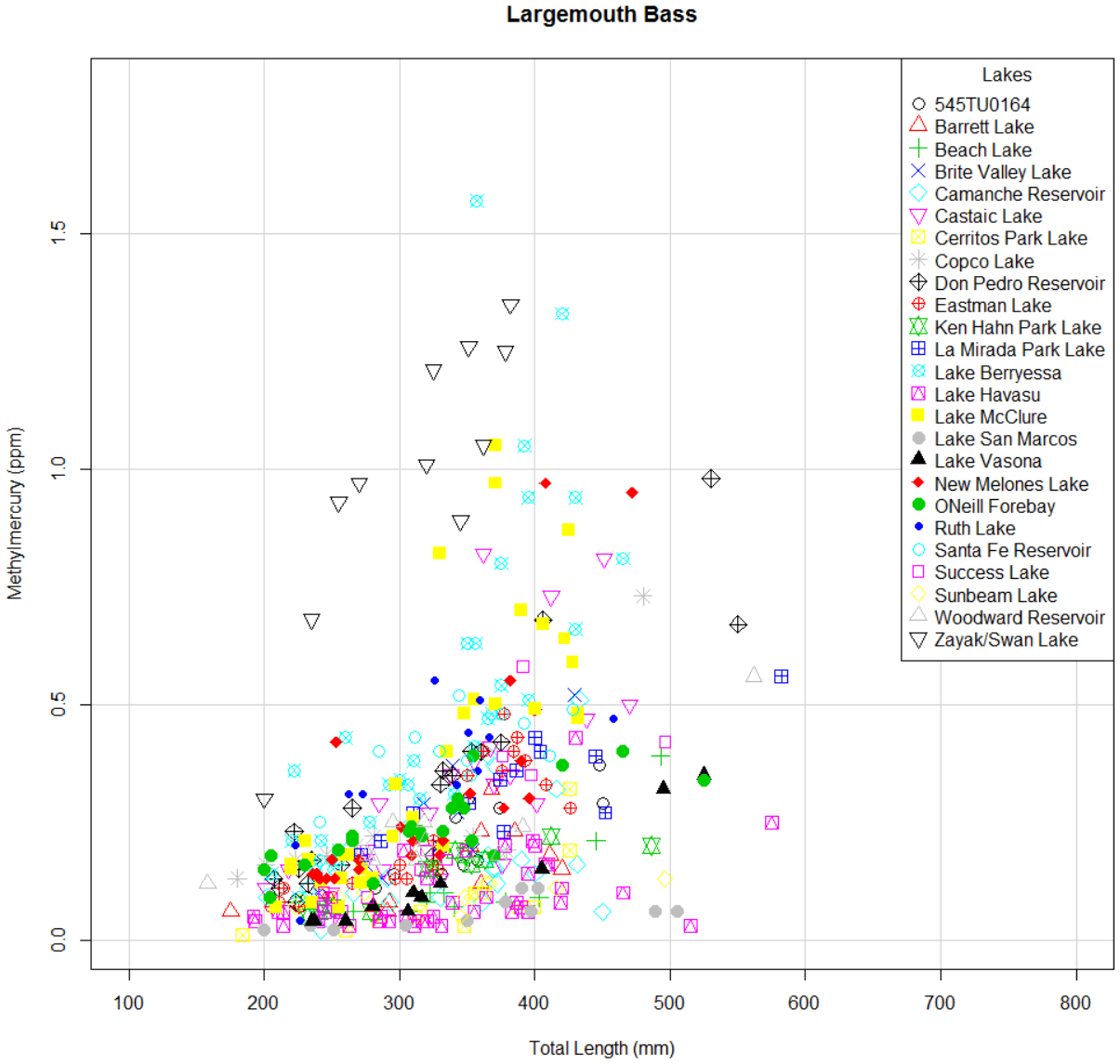


Figure 3b. Mercury (ppm wet weight) versus length (mm) for largemouth bass - log scale. Note: Three lakes from Panel 1 that could not be sampled in 2015 were sampled in later years with largemouth bass collected: Santa Margarita Lake (2017), La Mirada Park Lake (2016), 545TU0164-BOG Other Lake 164 (2016). Data for Santa Margarita Lake are provided in the Appendices, but not shown in the figures.

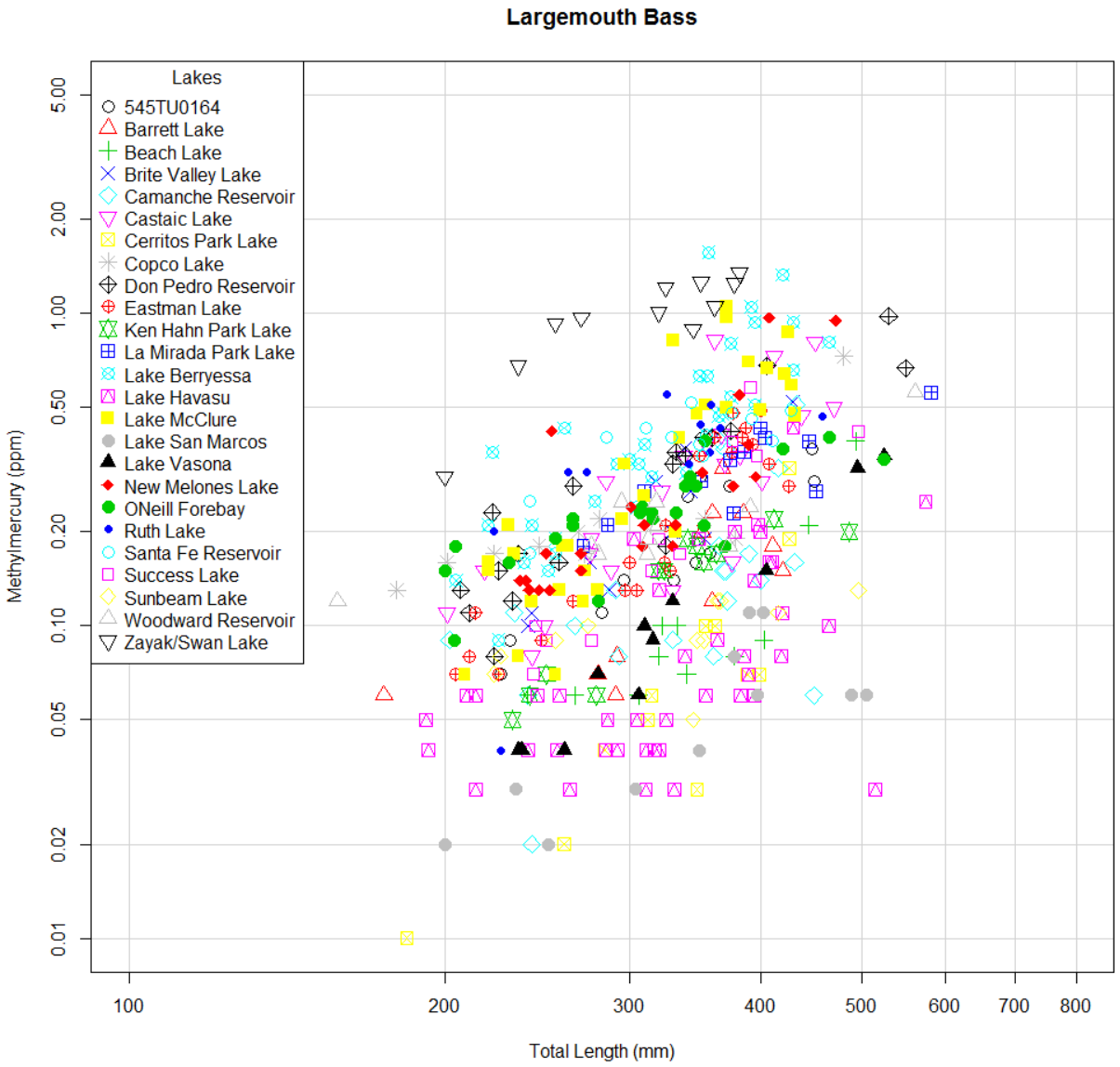


Figure 3c. Mercury (ppm wet weight) versus length (mm) for smallmouth bass - linear scale.

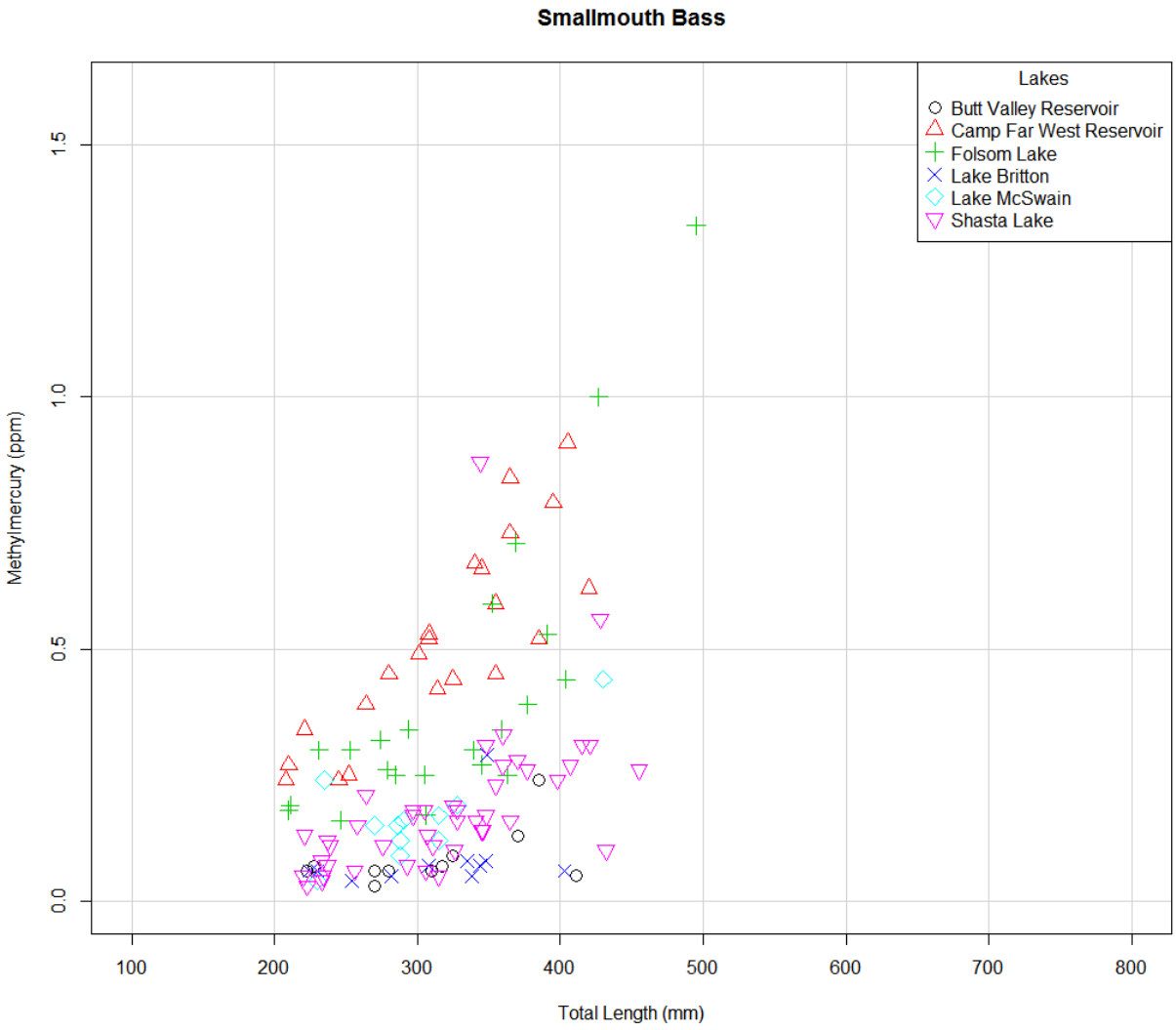


Figure 3d. Mercury (ppm wet weight) versus length (mm) for smallmouth bass - log scale.

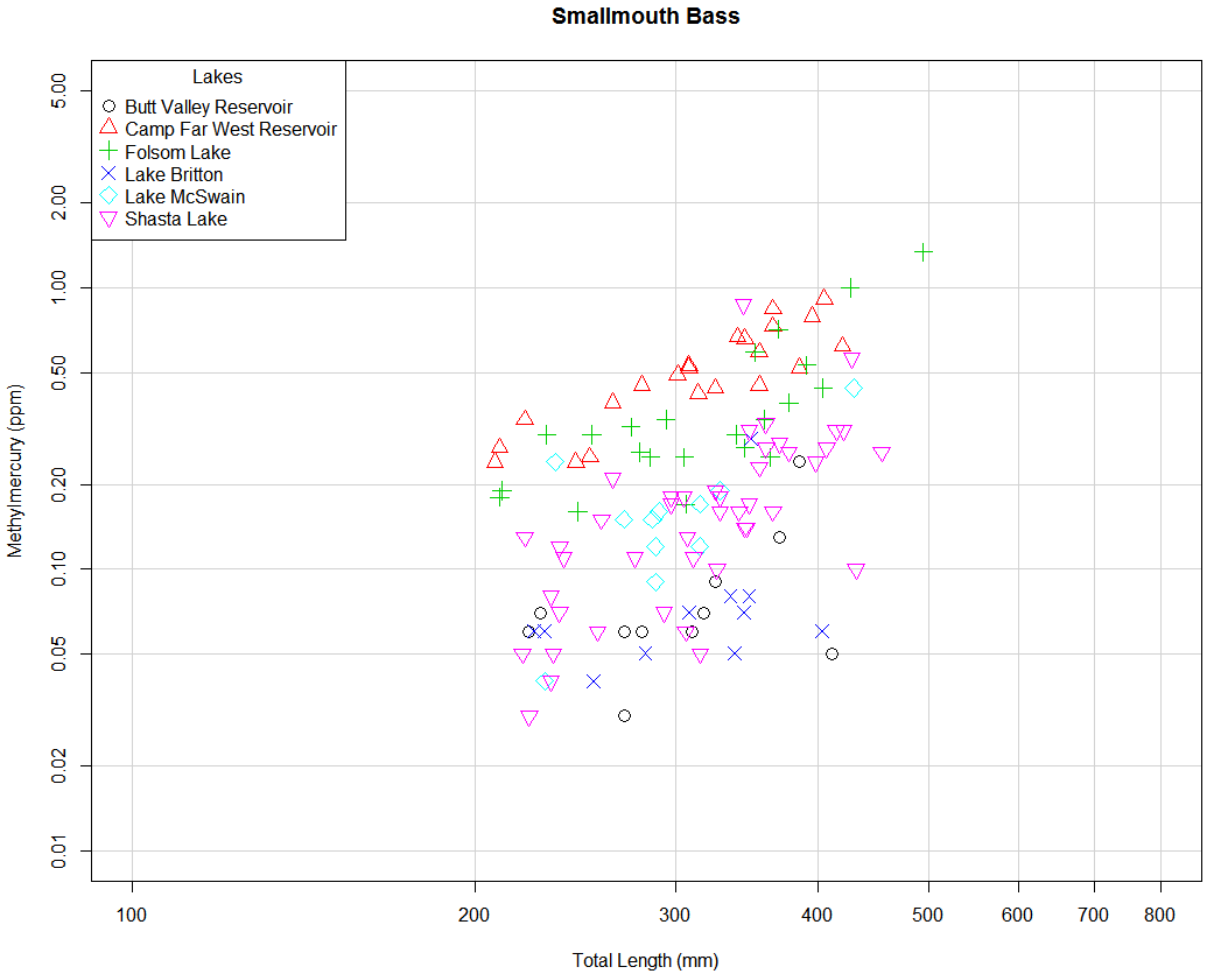


Figure 3e. Mercury (ppm wet weight) versus length (mm) for spotted bass - linear scale.

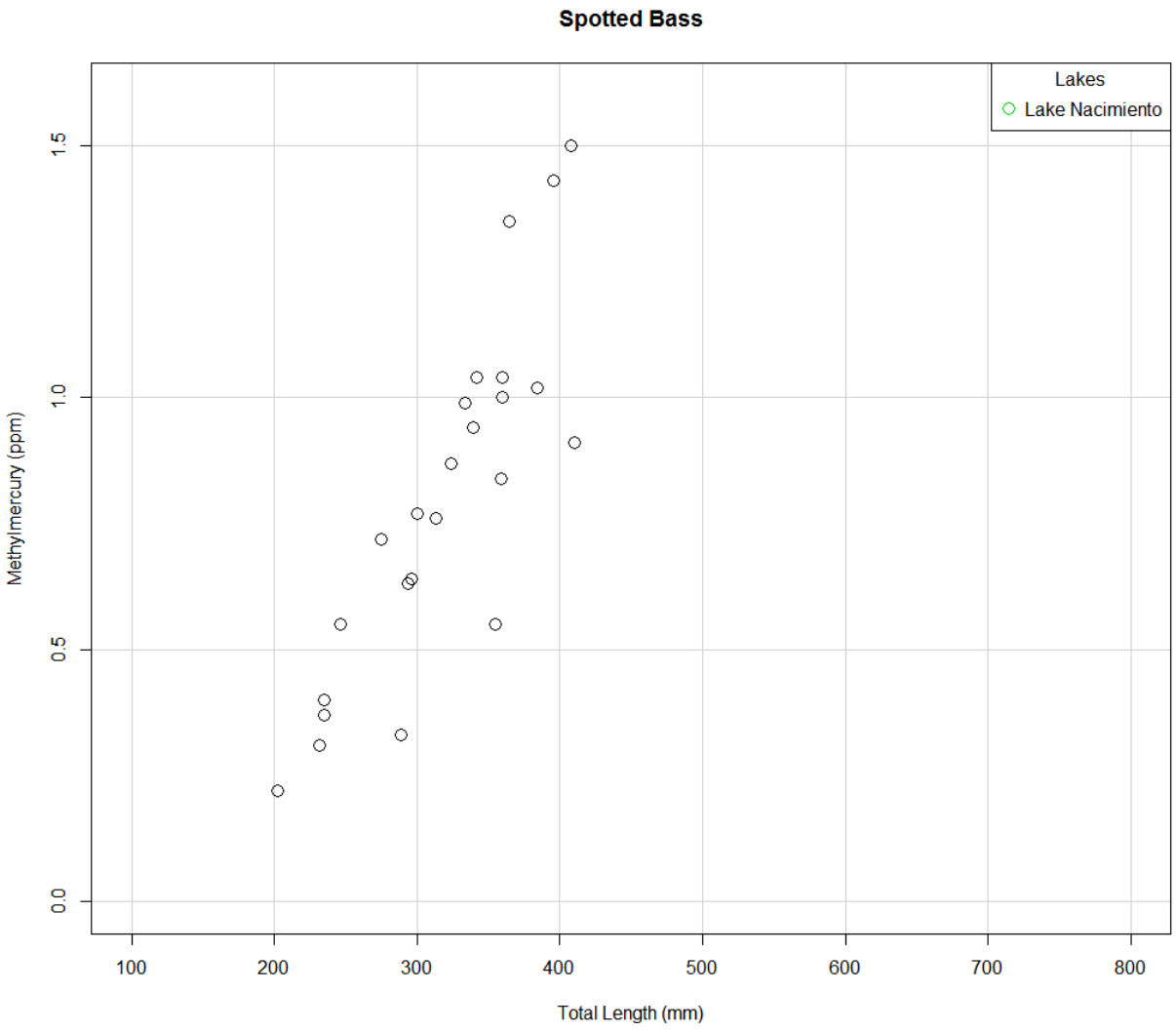


Figure 3f. Mercury (ppm wet weight) versus length (mm) for spotted bass - log scale.

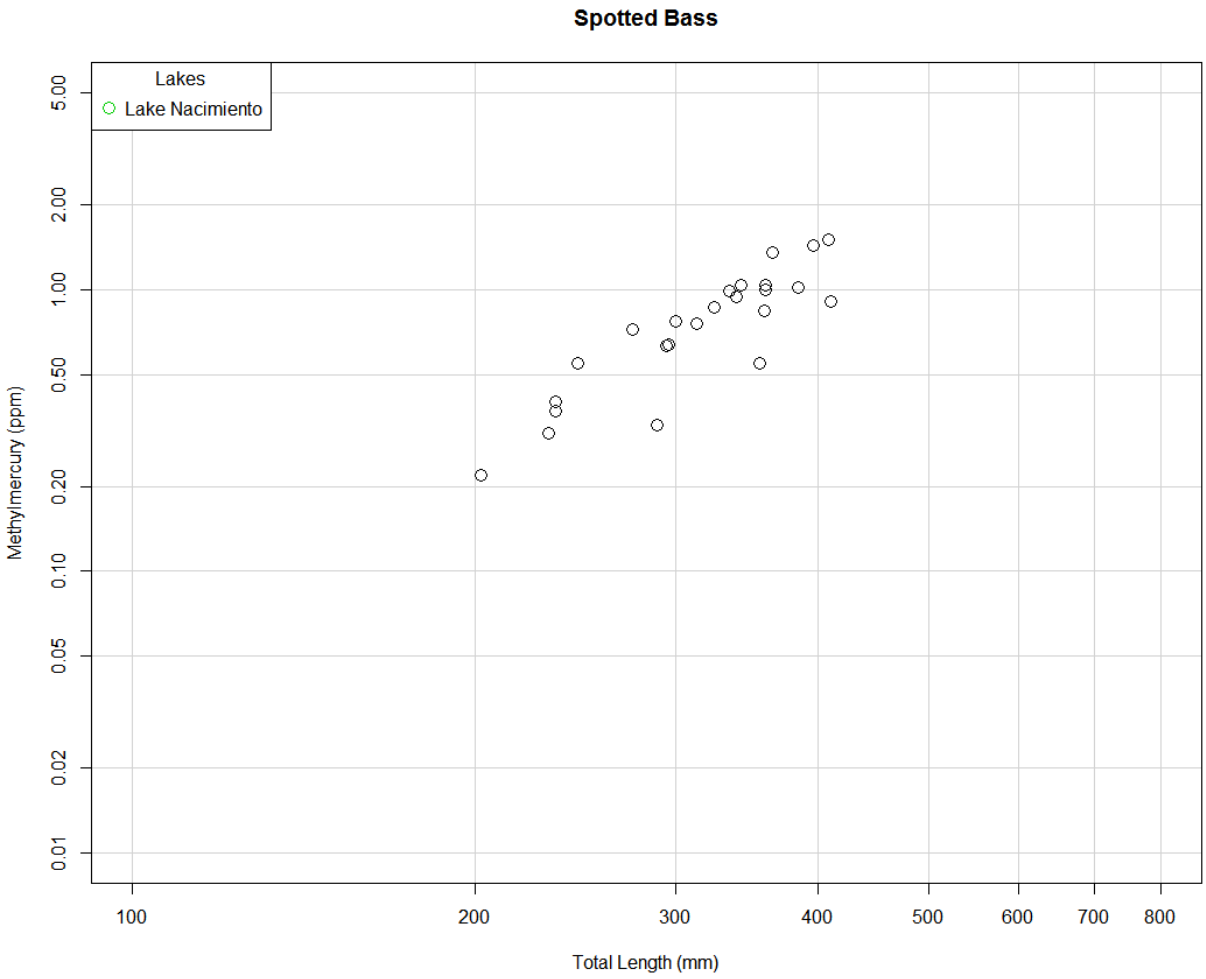


Figure 4a. Mercury concentrations by species: sport fish. The points represent the composite and individual concentrations for each species; bars represent means.

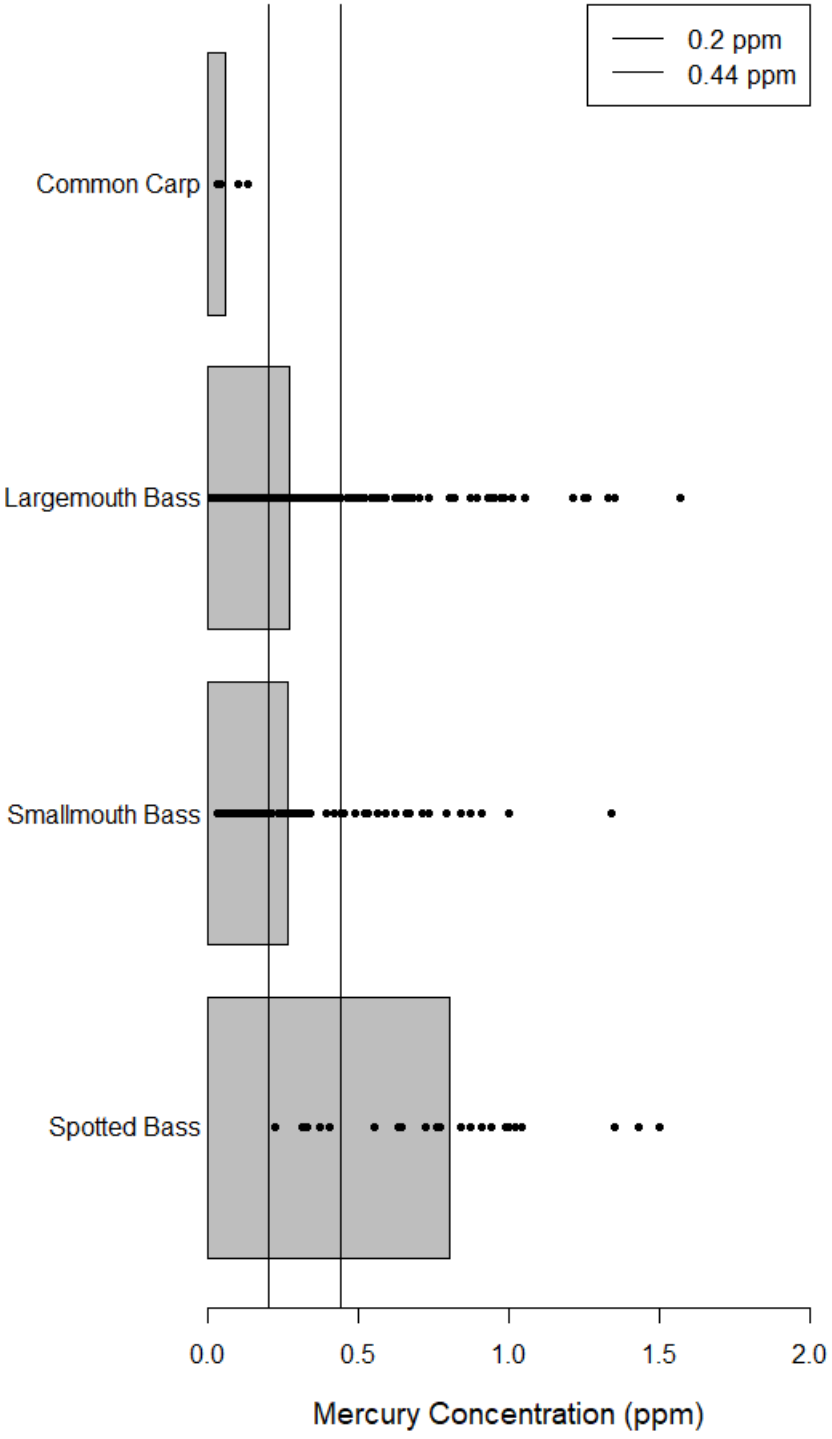


Figure 4b. Mercury concentrations by species: prey fish. The points represent the composite sample concentrations for each species; the bar is the mean of the composite concentrations. All 92 points are not visible because of repeat observations at some of these values at the low end of the range (e.g., for largemouth bass there are three composites with a concentration of 0.01, nine with a concentration of 0.02, four with a concentration of 0.04, two with a concentration of 0.05, one with a concentration of 0.06, and one with a concentration of 0.18).

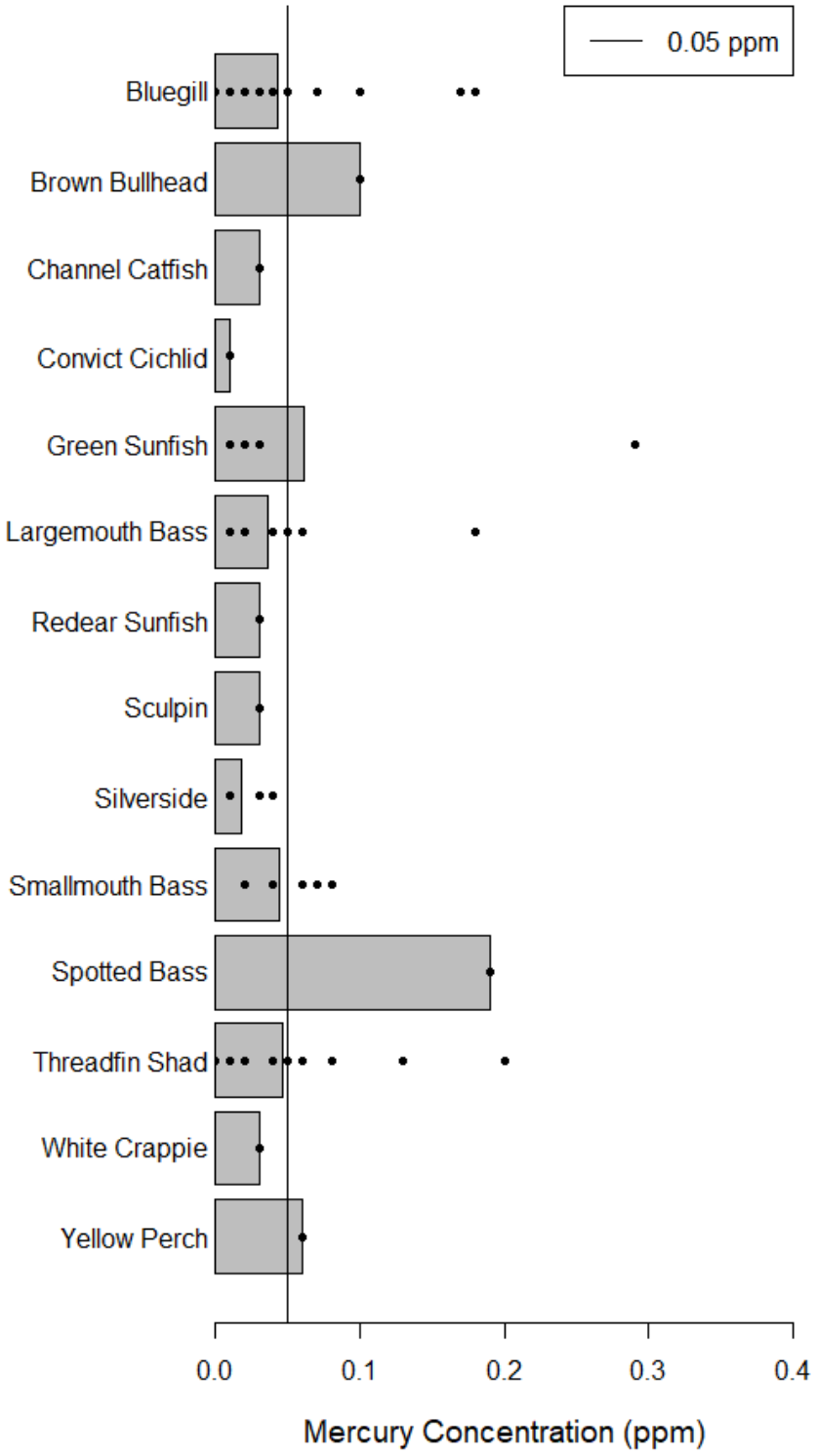


Figure 5a. Spatial pattern in mercury concentrations in largemouth bass. Thresholds based on ATLs for women over 49 and men. Colors based on mean concentrations adjusted to a length of 350 mm. Note: Three lakes from Panel 1 that could not be sampled in 2015 were sampled in later years: La Mirada Park Lake (2016), 545TU0164-BOG Other Lake 164 (2016), and Santa Margarita Lake (2017). Data for Santa Margarita Lake are provided in the Appendices, but not shown in the figures.

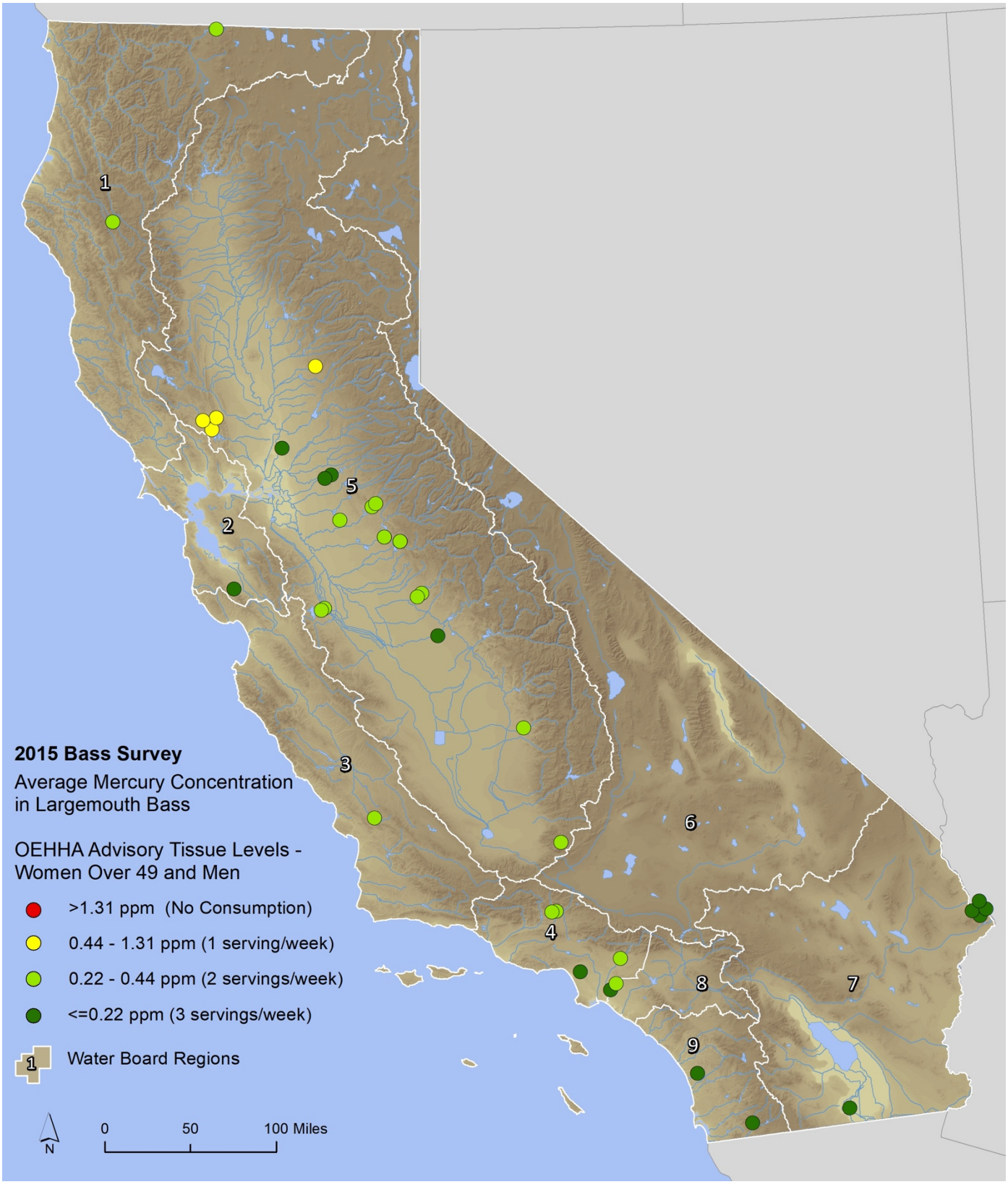


Figure 5b. Spatial pattern in mercury concentrations in largemouth bass. Thresholds based on ATLs for women 18-49 and children 1-17. Colors based on mean concentrations adjusted to a length of 350 mm. Note: Three lakes from Panel 1 that could not be sampled in 2015 were sampled in later years: La Mirada Park Lake (2016), 545TU0164-BOG Other Lake 164 (2016), and Santa Margarita Lake (2017). Data for Santa Margarita Lake are provided in the Appendices, but not shown in the figures.

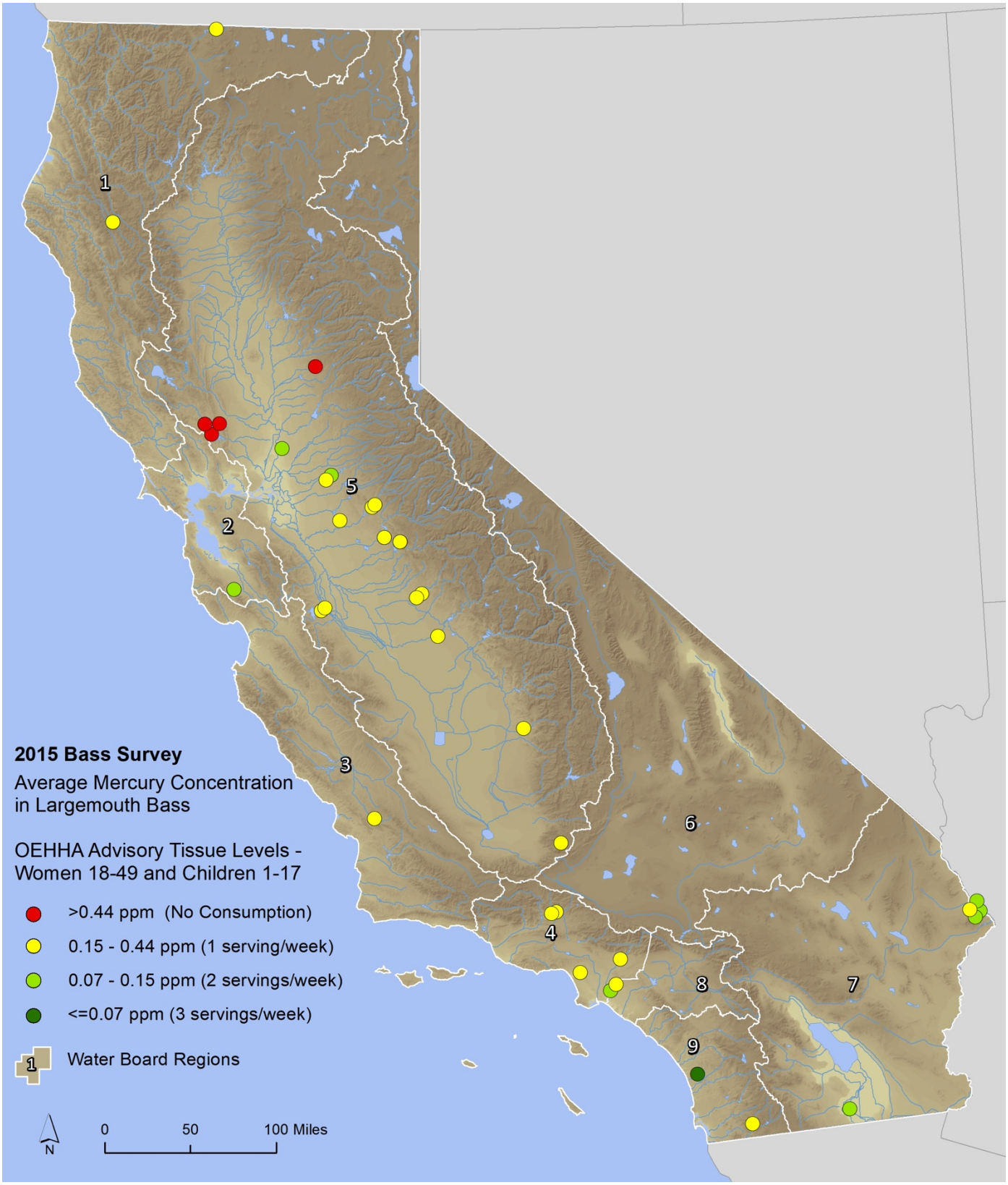


Figure 6. Mean 350 mm length-adjusted mercury concentrations in black bass in California lakes. Most recent sampling year for each lake is shown. Blue shading indicates lakes sampled in 2015. Note: Three lakes from Panel 1 that could not be sampled in 2015 were sampled in later years: La Mirada Park Lake (2016), 545TU0164-BOG Other Lake 164 (2016), and Santa Margarita Lake (2017). Data for these lakes are not included here but are provided in the Appendices.

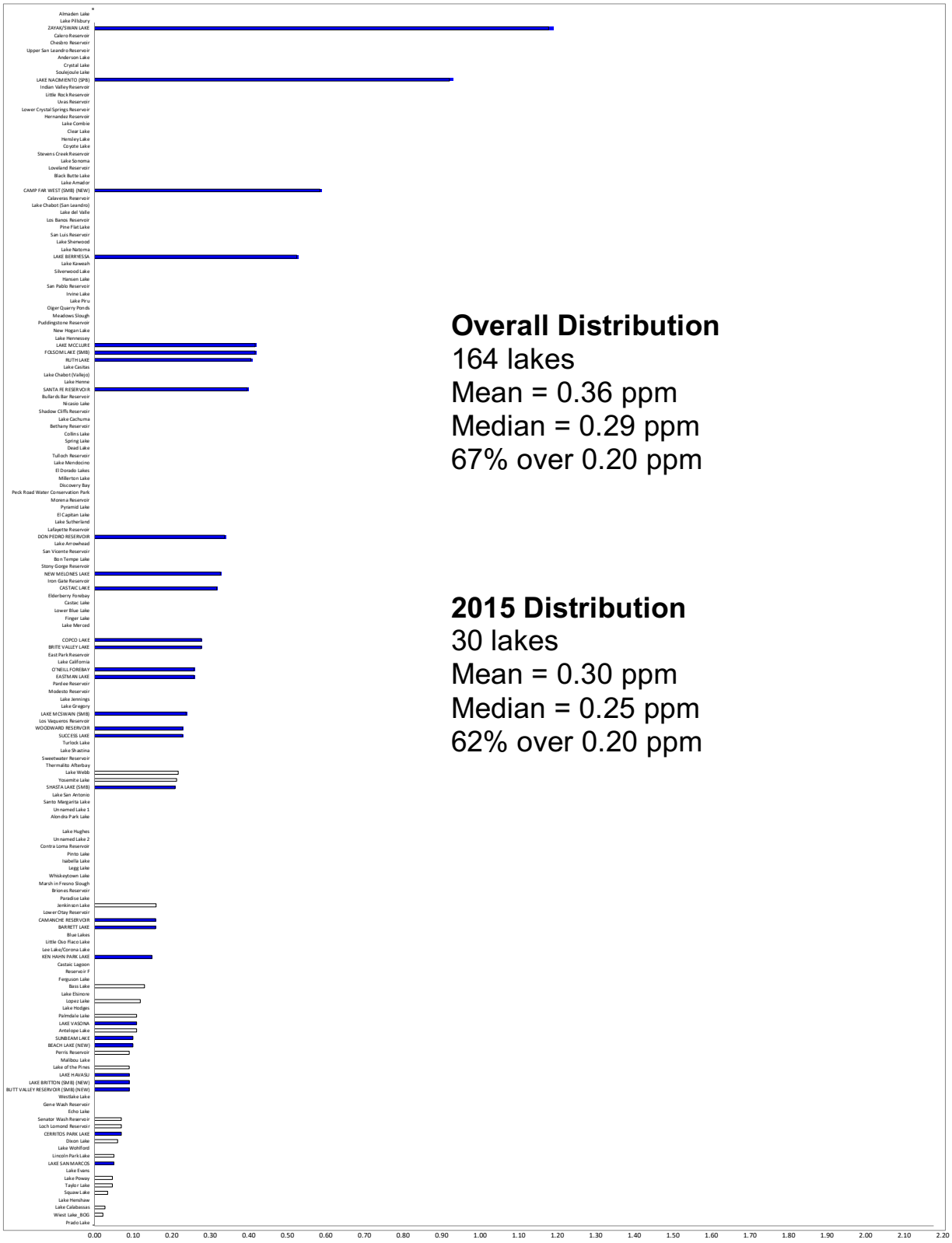
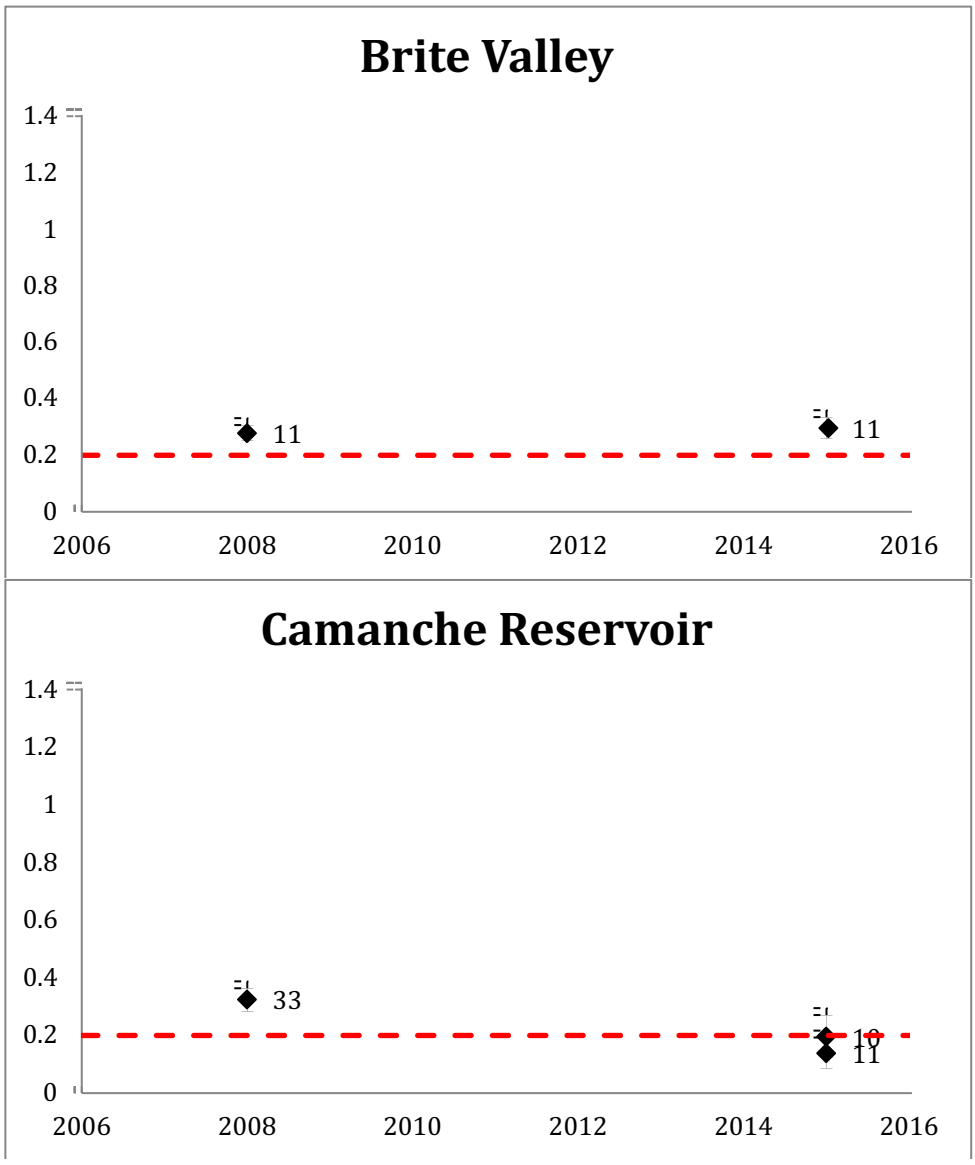
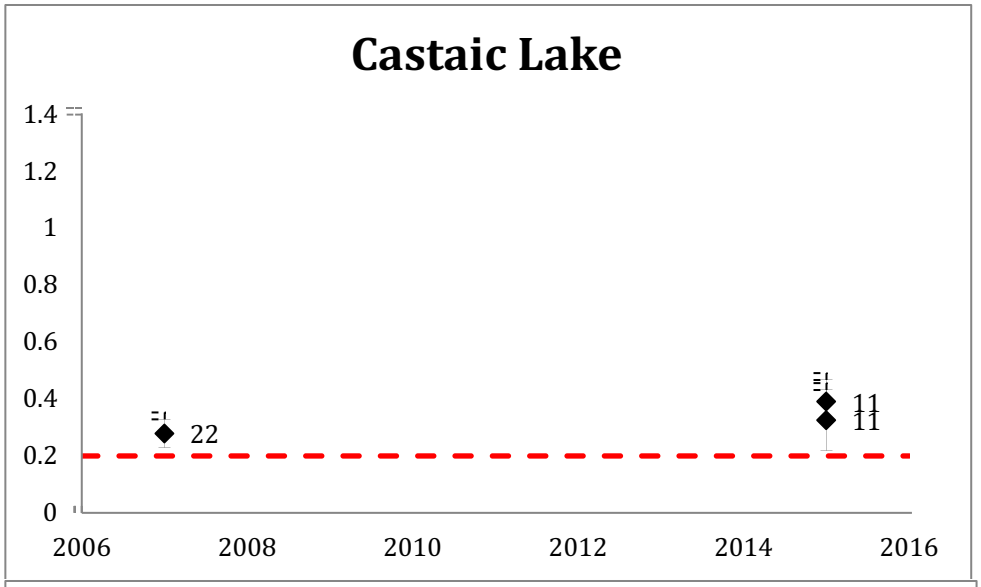
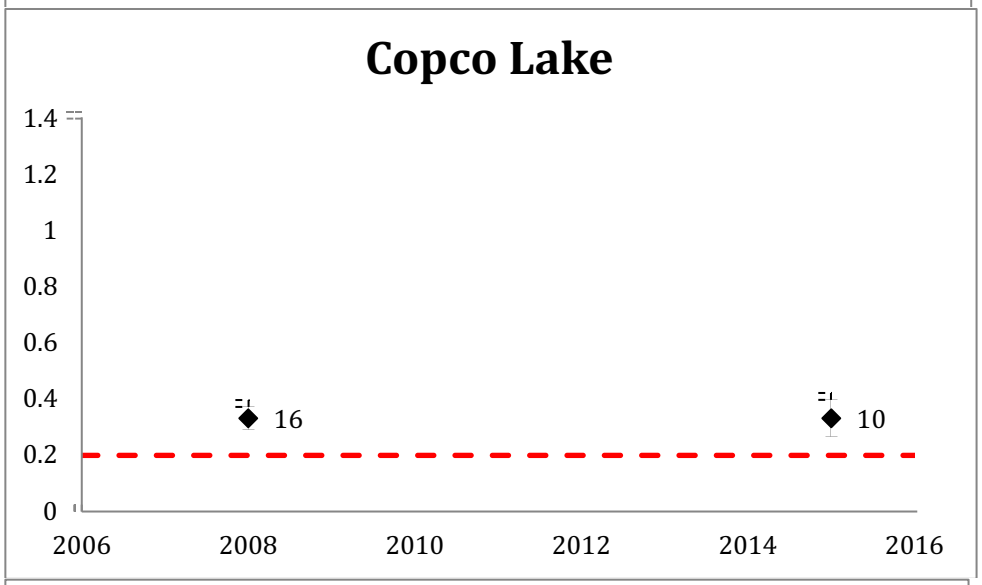
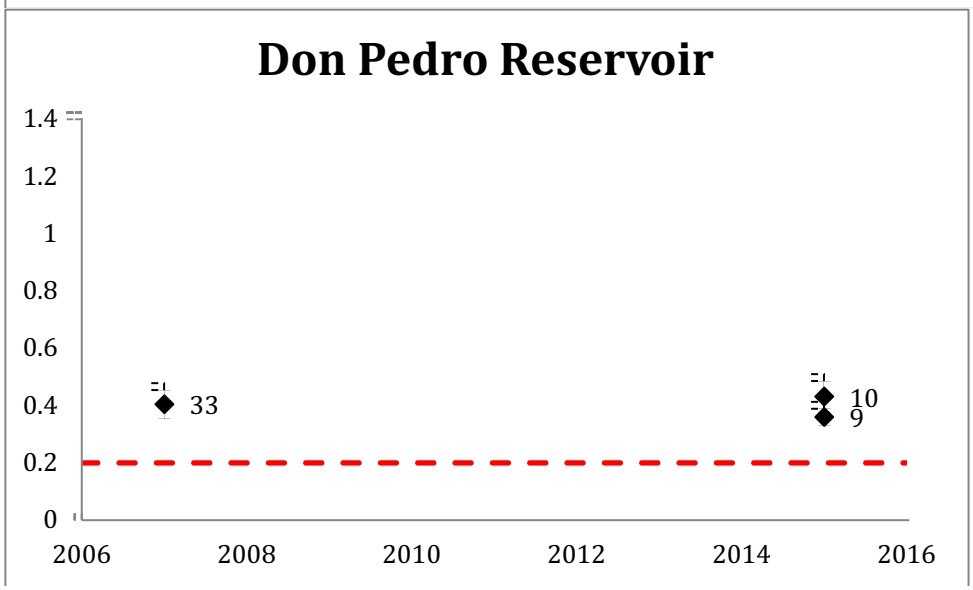


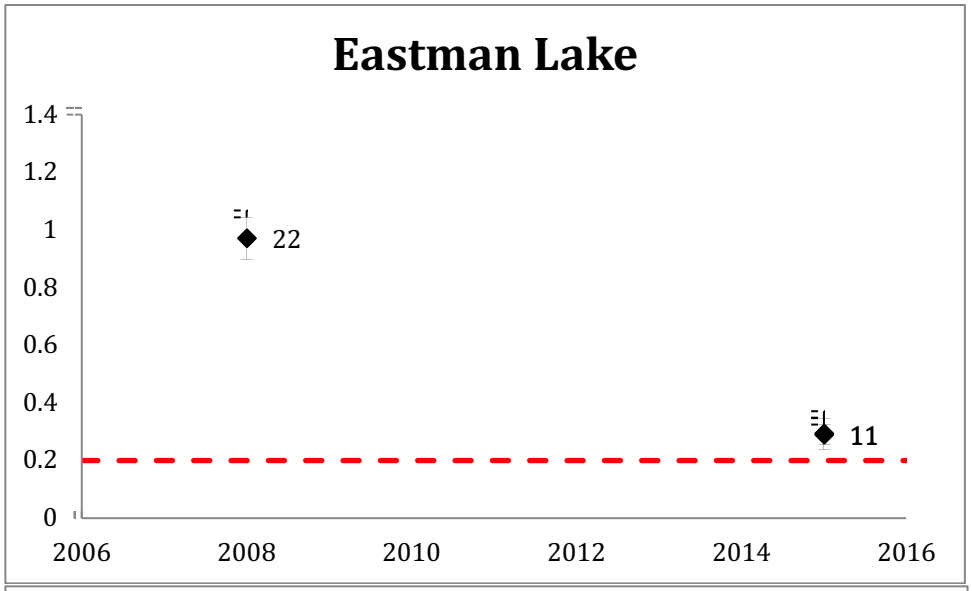
Figure 7. Length-adjusted mean methylmercury concentrations (ppm wet weight) in black bass, current and prior (2007-8, 2013, 2014) data. Error bars show 2 times the standard error of the mean. Numbers of samples indicated next to each point. Dashed red line shows the 0.2 ppm statewide water quality objective for sport fish.

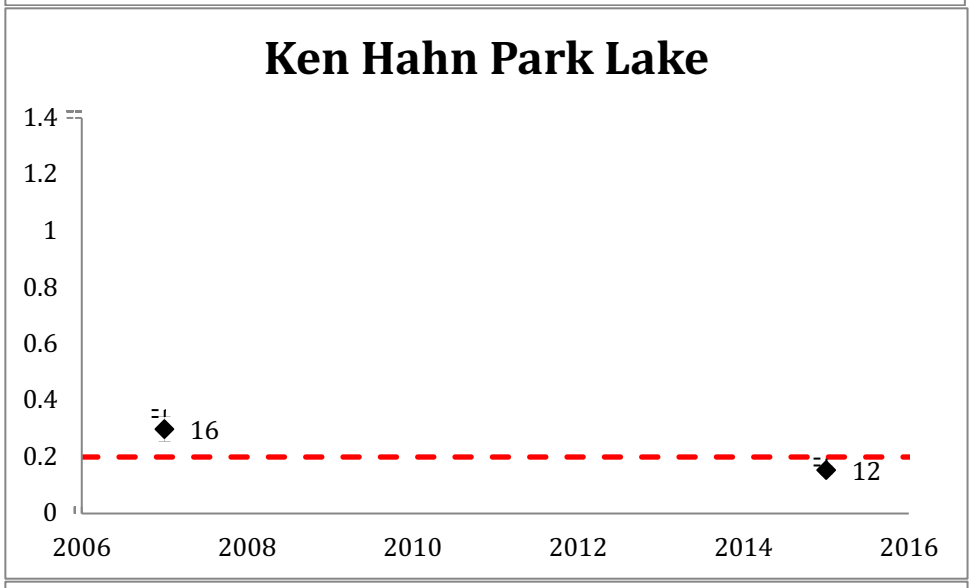


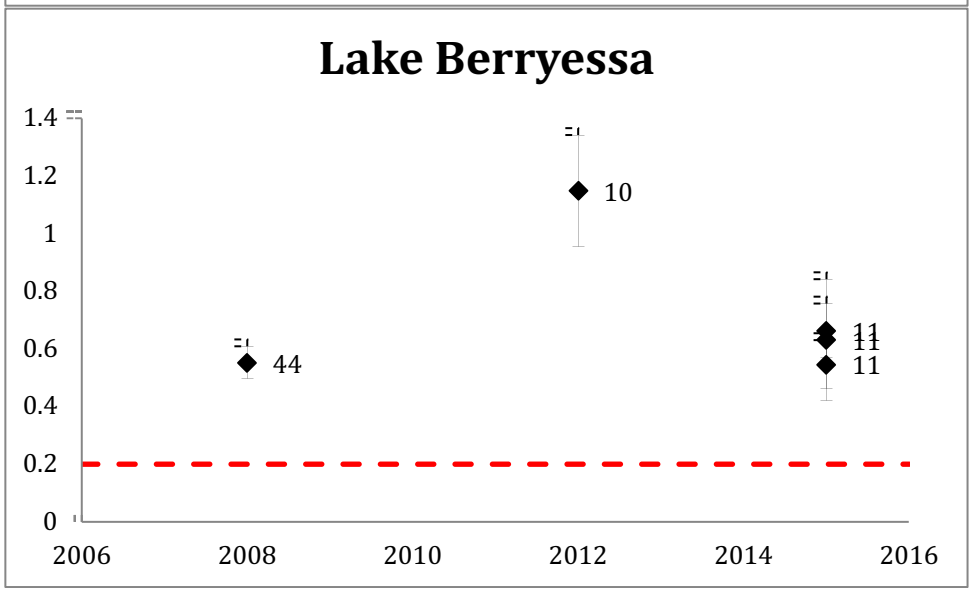

Castaic Lake
1.4
1.2
1
0.8
0.6
0.4
0.2
0
2006
2008
2010
2012
2014
2016
22
11
11

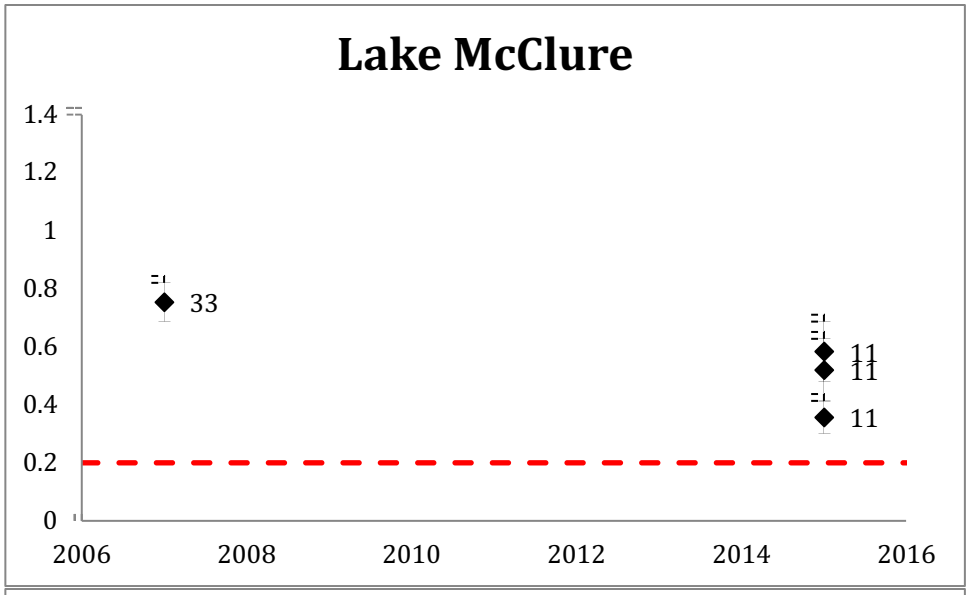

Copco Lake
1.4
1.2
1
0.8
0.6
0.4
0.2
0
2006
2008
2010
2012
2014
2016
16
10

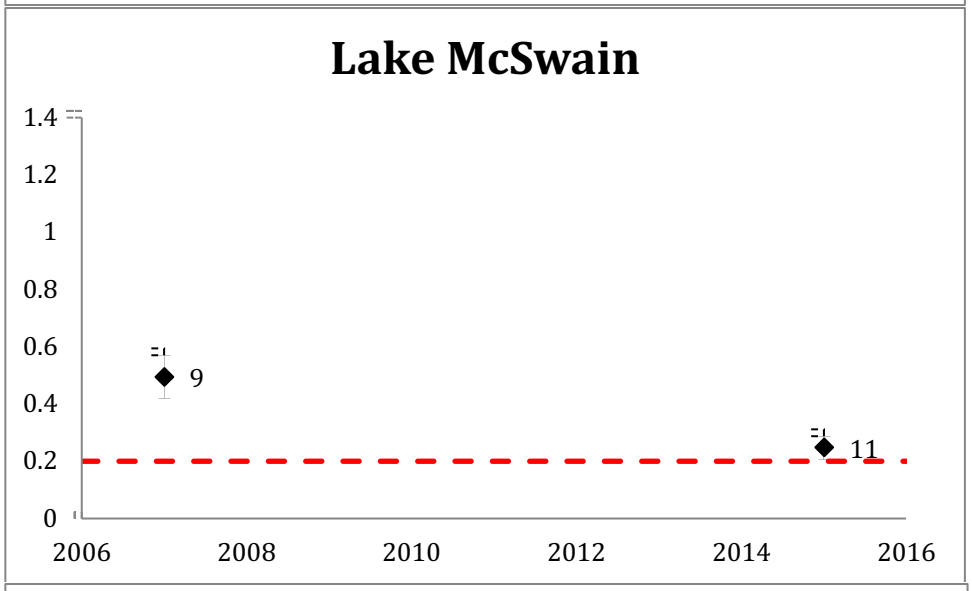

Don Pedro Reservoir
1.4
1.2
1
0.8
0.6
0.4
0.2
0
2006
2008
2010
2012
2014
2016
33
10
9

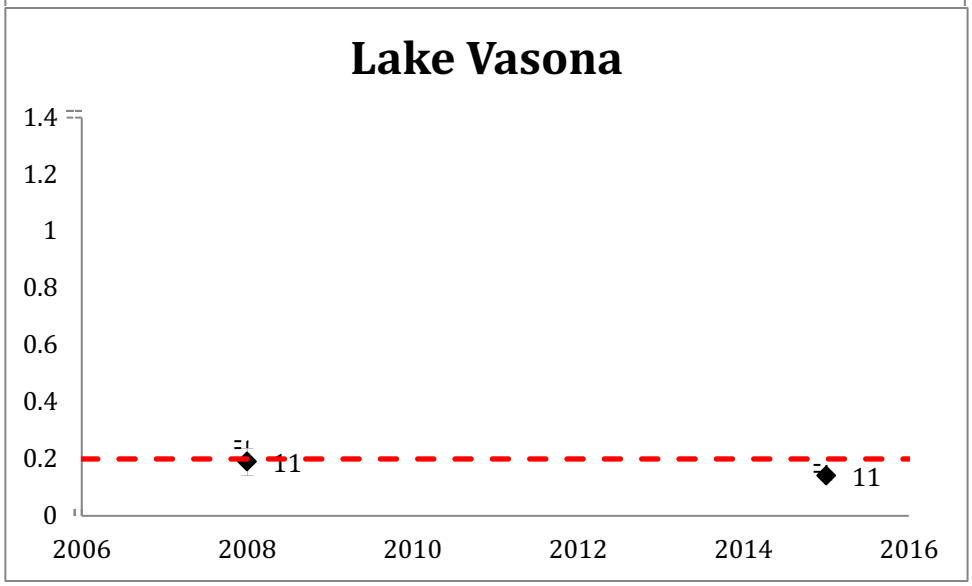

Eastman Lake
1.4
1.2
1
0.8
0.6
0.4
0.2
0
22
11
2006
2008
2010
2012
2014
2016

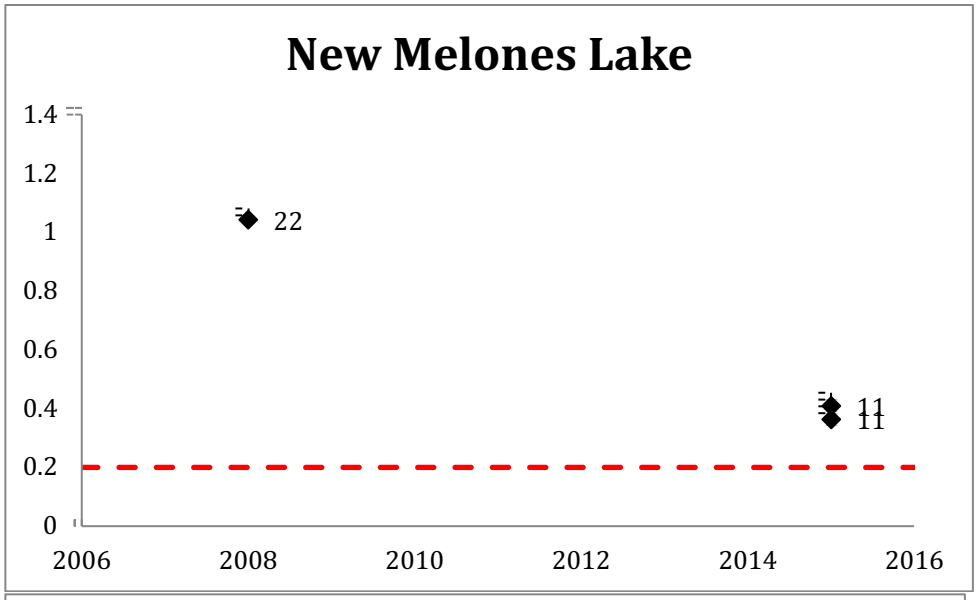

Ken Hahn Park Lake
1.4
1.2
1
0.8
0.6
0.4
0.2
0
16
12
2006
2008
2010
2012
2014
2016

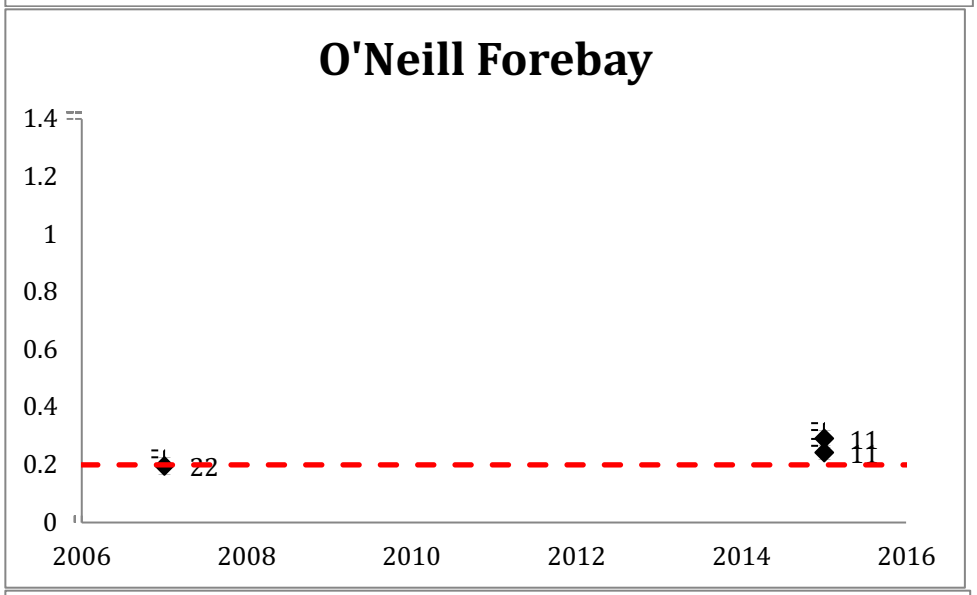

Lake Berryessa
1.4
1.2
1
0.8
0.6
0.4
0.2
0
10
44
11
11
11
2006
2008
2010
2012
2014
2016

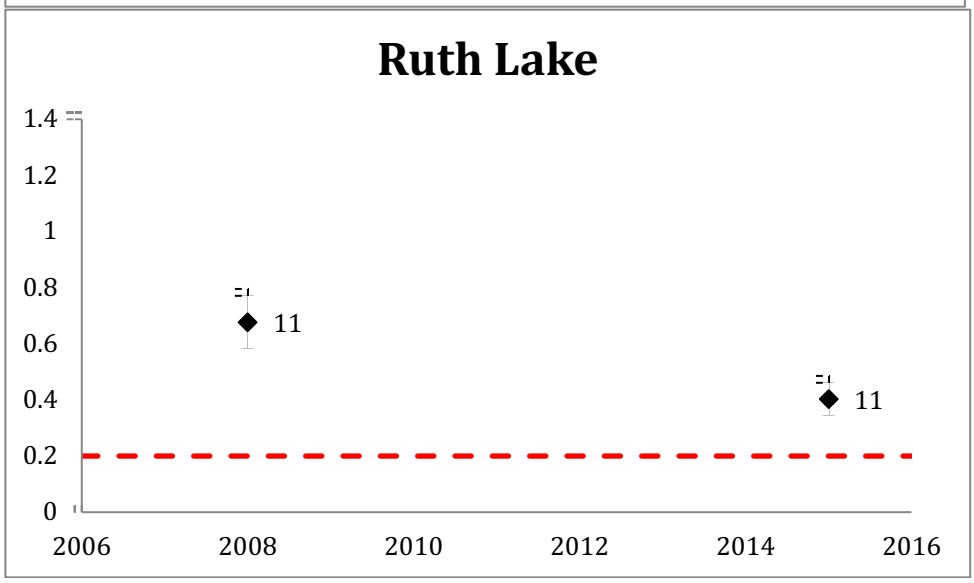

Lake McClure
1.4
1.2
1
0.8
0.6
0.4
0.2
0
2006
2008
2010
2012
2014
2016
33
11
11
11

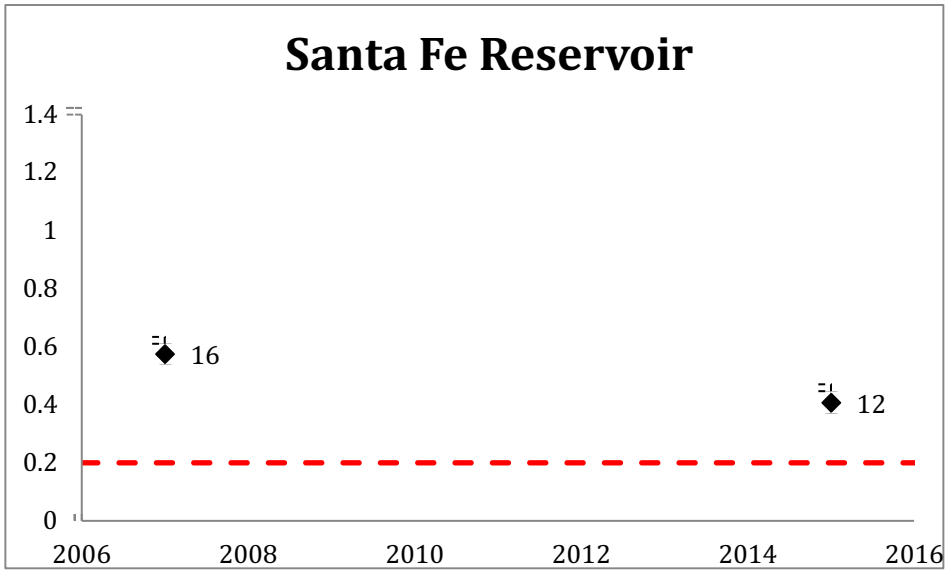

Lake McSwain
1.4
1.2
1
0.8
0.6
0.4
0.2
0
2006
2008
2010
2012
2014
2016
9
11

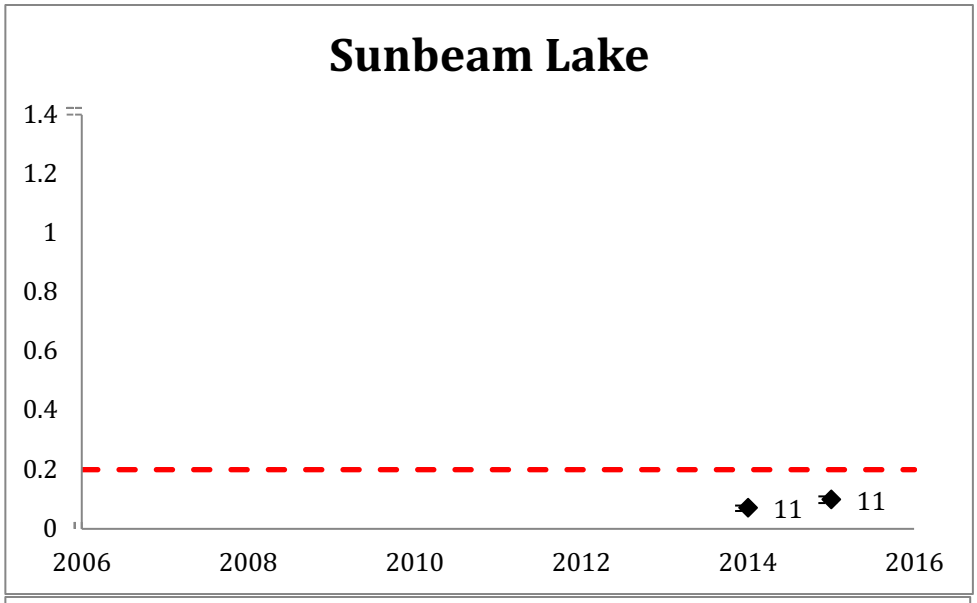

Lake Vasona
1.4
1.2
1
0.8
0.6
0.4
0.2
0
2006
2008
2010
2012
2014
2016
11
11

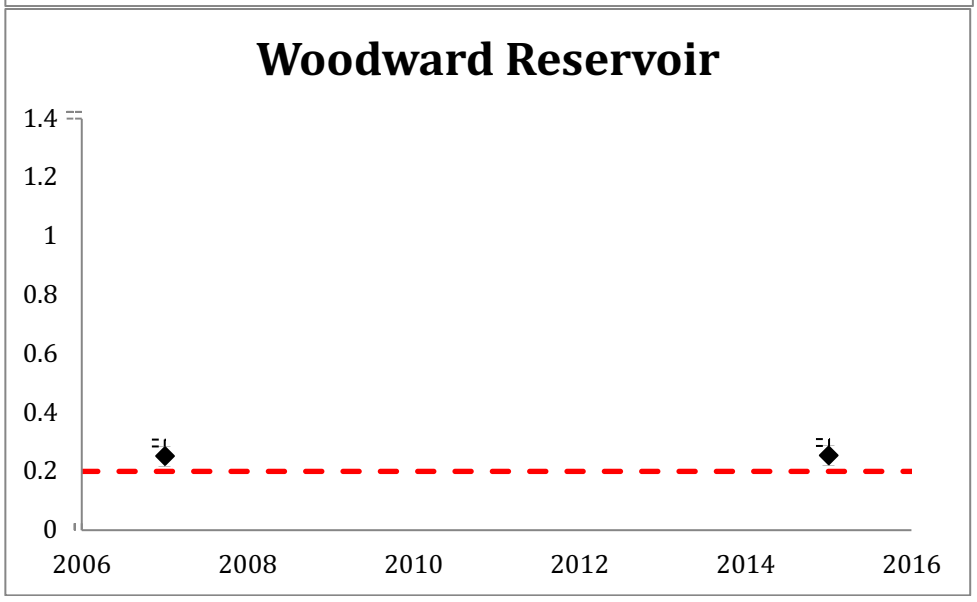

New Melones Lake
1.4
1.2
1
0.8
0.6
0.4
0.2
0
22
11
11
2006
2008
2010
2012
2014
2016


O'Neill Forebay
1.4
1.2
1
0.8
0.6
0.4
0.2
0
22
11
11
2006
2008
2010
2012
2014
2016


Ruth Lake
1.4
1.2
1
0.8
0.6
0.4
0.2
0
11
11
2006
2008
2010
2012
2014
2016


Santa Fe Reservoir
1.4
1.2
1
0.8
0.6
0.4
0.2
0
16
12
2006
2008
2010
2012
2014
2016


Sunbeam Lake
1.4
1.2
1
0.8
0.6
0.4
0.2
0
11
11
2006
2008
2010
2012
2014
2016


Woodward Reservoir
1.4
1.2
1
0.8
0.6
0.4
0.2
0
2006
2008
2010
2012
2014
2016

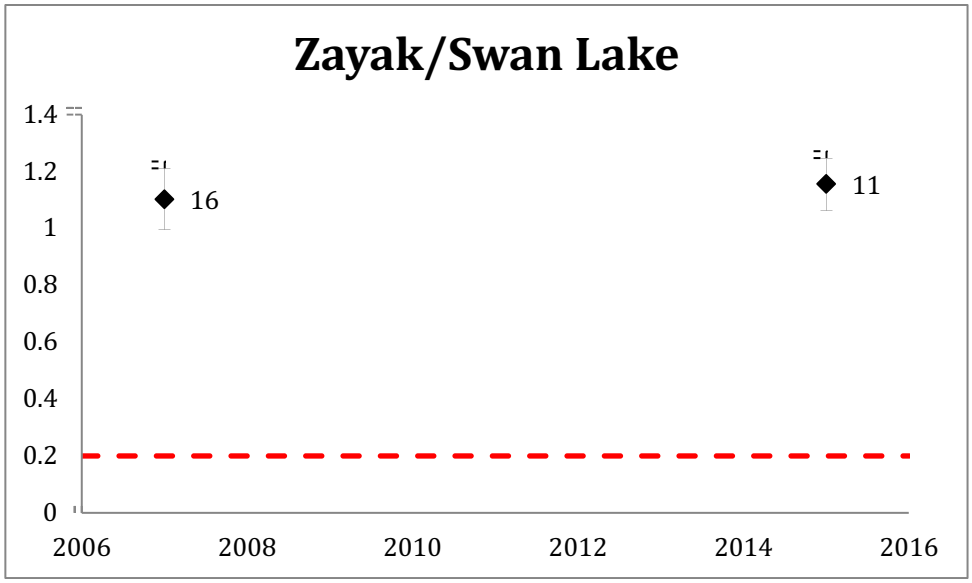

Zayak/Swan Lake
1.4
1.2
1
0.8
0.6
0.4
0.2
0
16
11
2006
2008
2010
2012
2014
2016

Figure 8. Numbers of bass lakes monitored in 2015 with significant increases (zero), no change, significant decreases, or up and down fluctuation. Based on comparison of 350 mm length-adjusted annual means for black bass: non-overlapping 95% confidence intervals of the means shown in Figure 7, approximated as the means ± 2*SE.

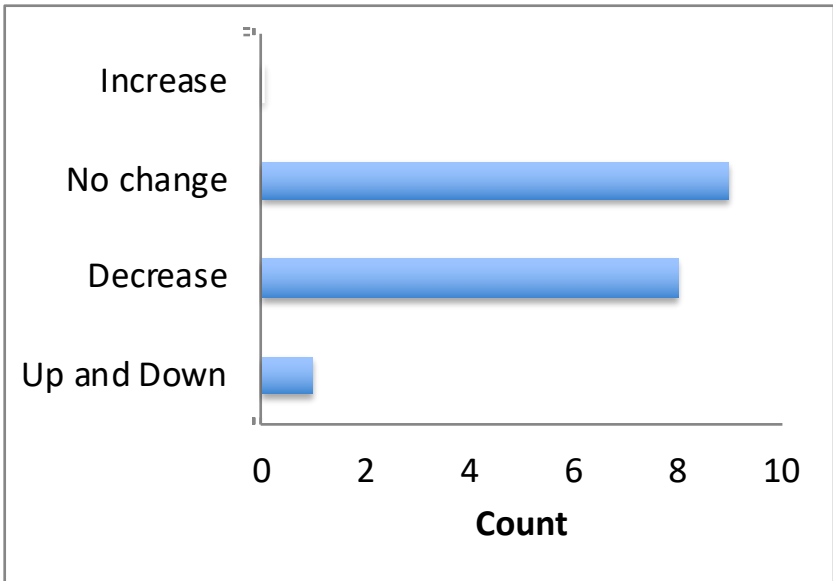


Figure 9. Statewide mean methylmercury concentration (ppm wet weight) in black bass. Based on length-adjusted means for 30 lakes monitored in 2015. Error bars show 2 times the standard error of the mean.

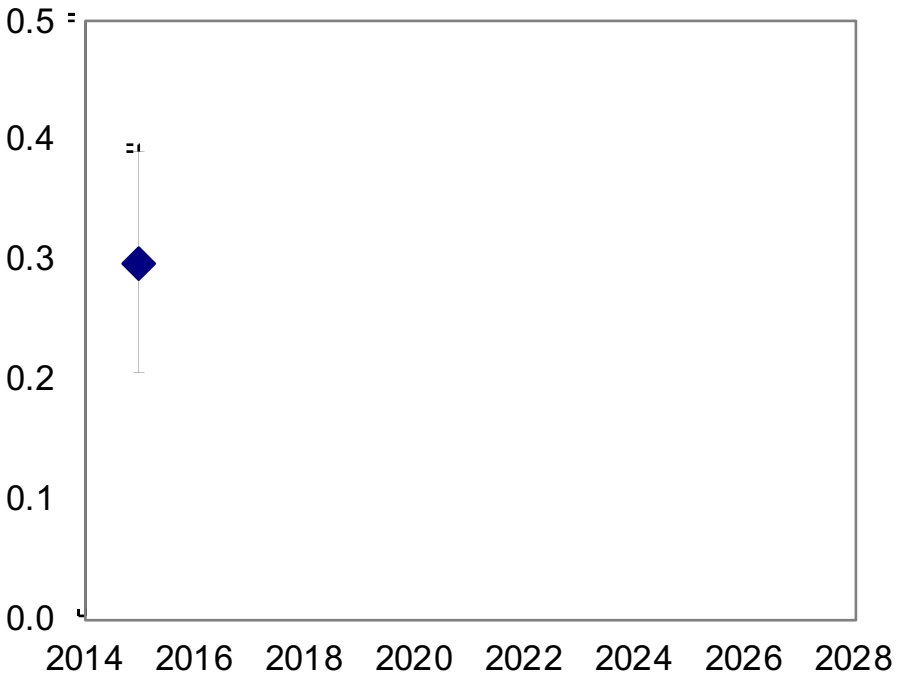


Figure 10. Lakewide mean mercury concentrations in prey fish. Each mean is based on composite samples of multiple species.

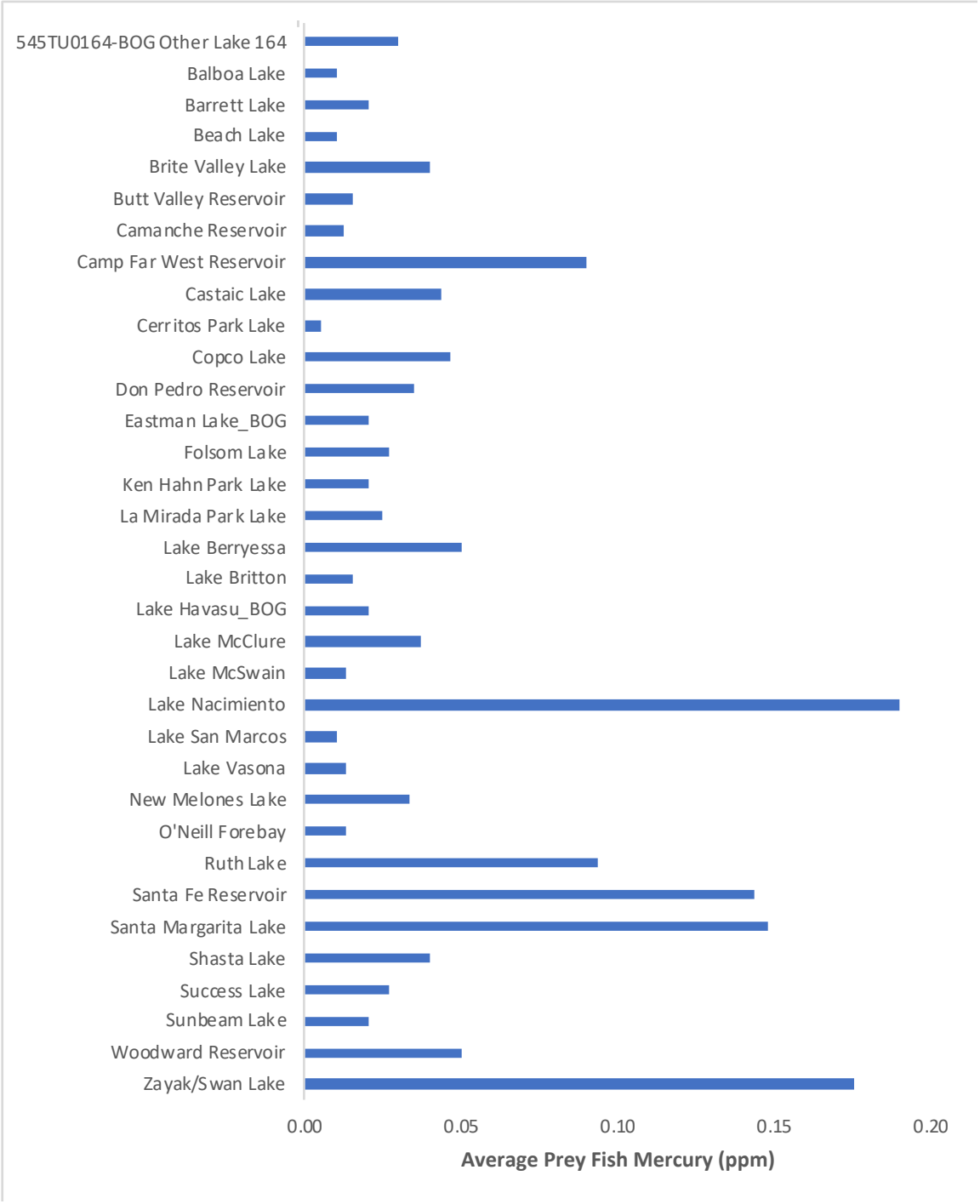


Table 1. Summary of sport fish and prey fish collected at each location. Note: Three lakes from Panel 1 that could not be sampled in 2015 were sampled in later years: Santa Margarita Lake (2017), La Mirada Park Lake (2016), 545TU0164-BOG Other Lake 164 (2016). Data for these lakes are provided in the Appendices. Data for the lakes sampled in 2016 are shown in some of the figures (as indicated in the figure captions).

		Sport fish		Prey spp					
Panel	Location	Black Bass Spp	Common Carp	Bass Spp	Bluegill	Threadfin shad	Silverside	Green sunfish	other
1	Copco Lake	10		10					20
1	Ruth Lake	11		10	10				10
1	Vasona Reservoir	11	10	10	10		10		
~~1~~	~~Santa Margarita Lake~~								
1	Nacimiento, Lake	24		10	10	10			
~~1~~	~~Roberts Lake (Laguna Del Rey)~~								
~~1~~	~~Elizabeth Lake~~								
~~1~~	~~La Mirada Park Lake~~								
1	Balboa, Lake	0						10	10
1	Cerritos Park Lake	12	4		10	9			
1	Ken Hahn Park Lake	12	3	10	10				
1	Castaic Lake	22	10	10	10		10		
1	Santa Fe Reservoir	12	5	10	10			10	
1	Berryessa, Lake	33		10	10	10			
1	New Melones Lake	22		10	10	10			
~~1~~	McSwain, Lake	11		10		10		10	
1	Beach Lake	11			10	10	10		
1	Brite Valley Lake	11		10					10
1	Camp Far West Reservoir	22		10	10	10			
1	O'Neill Forebay	22	10	10	10		10		
1	Camanche Reservoir	21		10	10	10		10	
1	Eastman Lake	22		10	10				
1	Butt Valley Reservoir	11		10			10		
1	Woodward Reservoir	11		10	10	10			
1	Zayak/Swan Lake	11		10	10				
1	~~545TU0164-BOG Other Lake 164~~								
1	Britton, Lake	11		10	10				
1	Don Pedro Reservoir	19		10		10			
1	Folsom Lake	22		10	10	10			
1	Success Lake	11		10				10	10
1	Shasta Lake	44		10	10	10		10	
1	McClure, Lake	33		10	10	4			
1	Sunbeam Lake	11		10	10				
1	Barrett	11				10	10		
1	San Marcos, Lake	11		10	10	10			
1	Havasu, Lake	44		10	10	10			

Table 2. Analytes included in the 2015 Bass Lakes sampling, detection limits, number of observations, and frequencies of detection and reporting.

Laboratory	Class	Analyte	Method Detection Limit	Number of Observations	Frequency of Detection (%)	Frequency of Reporting (%)
MPSL-DFG	MERCURY	Mercury	0.00	661	100	100
MPSL-DFG	SELENIUM	Selenium	0.15	4	100	100
DFG-WPCL	CHLORDANE	Chlordane, cis-	0.59	9	44	44
DFG-WPCL	CHLORDANE	Chlordane, trans-	0.67	9	22	22
DFG-WPCL	CHLORDANE	Nonachlor, cis-	0.46	9	33	33
DFG-WPCL	CHLORDANE	Nonachlor, trans-	0.29	9	67	67
DFG-WPCL	CHLORDANE	Oxychlordane	0.7	9	22	22
DFG-WPCL	DDT	DDD(o,p')	0.14	9	44	44
DFG-WPCL	DDT	DDD(p,p')	0.18	9	78	78
DFG-WPCL	DDT	DDE(o,p')	0.27	9	11	11
DFG-WPCL	DDT	DDE(p,p')	2.04	9	100	100
DFG-WPCL	DDT	DDT(o,p')	0.32	9	0	0
DFG-WPCL	DDT	DDT(p,p')	0.23	9	11	11
DFG-WPCL	DIELDRIN	Dieldrin	0.64	9	44	44
DFG-WPCL	PCB	PCB 008	0.3	9	11	11
DFG-WPCL	PCB	PCB 018	0.3	9	22	22
DFG-WPCL	PCB	PCB 027	0.3	9	0	0
DFG-WPCL	PCB	PCB 028/31	0.59	9	22	22
DFG-WPCL	PCB	PCB 029	0.3	9	0	0
DFG-WPCL	PCB	PCB 033	0.3	9	22	22
DFG-WPCL	PCB	PCB 044	0.3	9	56	56
DFG-WPCL	PCB	PCB 049	0.3	9	44	44
DFG-WPCL	PCB	PCB 052	0.3	9	78	78
DFG-WPCL	PCB	PCB 056/60	0.59	9	33	33
DFG-WPCL	PCB	PCB 064	0.3	9	33	33
DFG-WPCL	PCB	PCB 066	0.3	9	78	78
DFG-WPCL	PCB	PCB 070	0.45	9	67	67
DFG-WPCL	PCB	PCB 074	0.3	9	67	67
DFG-WPCL	PCB	PCB 077	0.3	9	22	22
DFG-WPCL	PCB	PCB 087	0.45	9	44	44
DFG-WPCL	PCB	PCB 095	0.45	9	56	56
DFG-WPCL	PCB	PCB 097	0.3	9	56	56
DFG-WPCL	PCB	PCB 099	0.3	9	56	56
DFG-WPCL	PCB	PCB 101	0.45	9	89	89
DFG-WPCL	PCB	PCB 105	0.3	9	67	67
DFG-WPCL	PCB	PCB 110	0.45	9	67	67
DFG-WPCL	PCB	PCB 114	0.3	9	0	0
DFG-WPCL	PCB	PCB 118	0.45	9	89	89
DFG-WPCL	PCB	PCB 126	0.3	9	0	0
DFG-WPCL	PCB	PCB 128	0.3	9	33	33
DFG-WPCL	PCB	PCB 137	0.3	9	22	22
DFG-WPCL	PCB	PCB 138/158	0.59	9	78	78
DFG-WPCL	PCB	PCB 141	0.3	9	22	22
DFG-WPCL	PCB	PCB 146	0.3	9	33	33
DFG-WPCL	PCB	PCB 149	0.3	9	78	78
DFG-WPCL	PCB	PCB 151	0.3	9	33	33
DFG-WPCL	PCB	PCB 153	0.3	9	89	89
DFG-WPCL	PCB	PCB 156	0.3	9	33	33
DFG-WPCL	PCB	PCB 157	0.3	9	11	11
DFG-WPCL	PCB	PCB 169	0.3	9	0	0
DFG-WPCL	PCB	PCB 170	0.3	9	56	56
DFG-WPCL	PCB	PCB 174	0.3	9	33	33
DFG-WPCL	PCB	PCB 177	0.3	9	33	33
DFG-WPCL	PCB	PCB 180	0.3	9	56	56
DFG-WPCL	PCB	PCB 187	0.3	9	56	56
DFG-WPCL	PCB	PCB 189	0.3	9	22	22
DFG-WPCL	PCB	PCB 194	0.3	9	33	33
DFG-WPCL	PCB	PCB 195	0.3	9	22	22
DFG-WPCL	PCB	PCB 198	0.3	9	22	22
DFG-WPCL	PCB	PCB 199	0.3	9	33	33
DFG-WPCL	PCB	PCB 200	0.3	9	22	22
DFG-WPCL	PCB	PCB 201	0.3	9	22	22
DFG-WPCL	PCB	PCB 203	0.3	9	33	33
DFG-WPCL	PCB	PCB 206	0.3	9	33	33
DFG-WPCL	PCB	PCB 209	0.3	9	33	33

Table 3a. Scientific and common names of sport fish species collected in the first year (2015) of long-term monitoring of bass 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.

Species Name	Common Name	Number of Fish	Composites - Number of Samples	Composites - Number of Locations	Individuals - Number of Samples	Individuals - Number of Locations	Total Number of Locations Sampled	Min Length (mm)	Median Length (mm)	Max Length (mm)	Analyzed as Composites	Analyzed as Individuals
Cyprinus carpio	Common Carp	42	9	6			6	335	592	831	x	
Micropterus dolomieu	Smallmouth Bass	121			121	6	6	208	315	495		x
Micropterus punctulatus	Spotted Bass	24			24	1	1	202	329	410		x
Micropterus salmoides	Largemouth Bass	429			429	26	26	158	330	582		x
	Totals	616	9		574							

Table 3b. Scientific and common names of prey fish species collected in the first year (2015) of long-term monitoring of bass lakes and reservoirs in California, the number of locations in which they were sampled, and their minimum, median, and maximum total lengths (mm). All prey fish samples were analyzed as composites.

Species Name	Common Name	Number of Fish	Composites - Number of Samples	Composites - Number of Locations	Total Number of Locations Sampled	Min Length (mm)	Median Length (mm)	Max Length (mm)
Amatitlania nigrofasciata	Convict Cichlid	10	1	1	1	53	75	90
Ameiurus nebulosus	Brown Bullhead	10	1	1	1	52	76	100
Catostomus occidentalis	Sacramento Sucker	10	1	1	1	55	68	78
Cottus	Sculpin	7	1	1	1	33	56	67
Dorosoma petenense	Threadfin Shad	169	17	17	17	28	82	136
Ictalurus punctatus	Channel Catfish	10	1	1	1	64	78	87
Lepomis cyanellus	Green Sunfish	60	6	6	6	46	68	98
Lepomis macrochirus	Bluegill	260	26	26	26	33	81	104
Lepomis microlophus	Redear Sunfish	10	1	1	1	39	55	68
Menidia beryllina	Silverside	60	6	6	6	50	67	99
Micropterus dolomieu	Smallmouth Bass	70	7	7	7	47	69	100
Micropterus punctulatus	Spotted Bass	10	1	1	1	56	79	90
Micropterus salmoides	Largemouth Bass	210	21	21	21	28	67	105
Perca flavescens	Yellow Perch	10	1	1	1	68	78	85
Pomoxis annularis	White Crappie	10	1	1	1	59	62	71
	Totals	916	92					

Appendix 1: Cruise report for the 2015 bass lakes survey

Cruise Report for the
Surface Waters Ambient Monitoring Program (SWAMP)
Long-Term Monitoring of Bass Lakes and Reservoirs in California.
Sampling Dates: April 28-October 21, 2015

Written by: Gary Ichikawa
CDFW/Marine Pollution Studies Laboratory (MPSL) at Moss Landing Marine Laboratories

1.0 Introduction

This work was performed as part of the Bioaccumulation Oversight Group (BOG) Work Plan in support of the Surface Water Ambient Monitoring Program (SWAMP) Bioaccumulation Project. The State Water Quality Control Board work was authorized via FY 14-15 in support of Work Order SJSURF-14SWBG01.
http://www.mywaterquality.ca.gov/monitoring_council/bioaccumulation_oversight_group/

Oversight for this Project was provided by the SWAMP Roundtable. The Roundtable is composed of State and Regional Water Board staff and representatives including USEPA, the California Department of Fish and Wildlife, the California Office of Environmental Health Hazard Assessment, and the California State Universities. The SWAMP Roundtable has formed a subcommittee, which focuses on bioaccumulation monitoring called the Bioaccumulation Oversight Group (BOG). The BOG is composed of State and Regional Water Board staff, USEPA, the Department of Fish and Wildlife, the San Jose State University Research Foundation, the Office of Environmental Health Hazard Assessment, and the San Francisco Estuary Institute. The members of the BOG individually and collectively possess extensive experience with bioaccumulation monitoring. Interested parties, including members of other agencies, consultants, and other stakeholders are also welcome to participate.

Between 2007 and 2008, a total of one hundred sixty two (162) water bodies were authorized for sample collection effort, in order to assess the bioaccumulation of contaminants in fish tissue. The target species were fish that are commonly caught and consumed by anglers and are good indicators of mercury, synthetic organics and selenium bioaccumulation. Two types of species were chosen based on their ability to best indicate the above contaminates. Top predatory species (ex. largemouth bass or trout) were targeted because mercury is biomagnified in tissue. Bottom-feeders (ex. carp or catfish) were collected as a second species due to their high lipid content which accumulate organic pollutants. Physical parameters were collected for each fish, which included: weight, total length, fork length, sex and if any abnormalities when present. A cross-section (~10cm) of tissue (steak) was collected from behind the head, wrapped in aluminum foil, placed in a zipper-closure bag and stored on dry ice. Samples were stored on dry ice until handed to MPSL/DFG lab for authorized analysis, per appropriate SOP's. Scales were collected from predatory species for age growth analysis, used in an age regression with mercury concentration. Black bass species were used for this analysis due to their high correlation of age to mercury concentration

The BOG has developed a set of monitoring objectives and assessment questions for a statewide program evaluating the impacts of bioaccumulation. This assessment framework is consistent with the frameworks developed for other components of SWAMP, and is intended to guide the bioaccumulation monitoring program over the long term. The primary emphasis of the statewide bioaccumulation monitoring program will be on evaluating status and trends. Bioaccumulation monitoring is a very effective and an essential tool for evaluating status, and is the most cost-effective tool for evaluating trends for many contaminants. Monitoring status and trends in bioaccumulation will provide information useful for identifying sources and pathways and for evaluating the effectiveness of management actions at a broader geographic scale.

The overall approach will establish a long-term cycle for sampling the one hundred ninety (190) priority black bass lakes and reservoirs (Appendix 1) that have been identified by the regional boards. Sampling of the entire group of lakes and reservoirs will occur in five biennial rounds of sampling over a 10-year period. This effort will ensure that each of these lakes is sampled once every 10-years to provide updated information on concentrations of priority contaminants. By creating five randomly selected subsets (or "rotating panels") of the overall population, each round of sampling will yield a representative estimate of the statewide average mercury concentration. This will add to a long-term time series that will allow evaluation of the statewide trend in food web mercury. The BOG is coordinating with regional boards to significantly leverage the SWAMP statewide monitoring funds available for this survey. In 2015, the Los Angeles Regional Water Quality Control Board (Region 4) funded extensive sampling of Region 4 BOG lakes. This significantly increased the BOG statewide monitoring funds.

The overall goal of this sampling effort is to provide repeated measures of contaminant concentrations in fish to allow for status updates and assessment of long-term trends. The sampling therefore will largely replicate the approach used in prior sampling, as part of the 2007-2008 SWAMP survey (BOG 2007). One general difference from past sampling will be a narrower focus on mercury in black bass. Black bass tissue will be measured for mercury in all of the sampled lakes. PCB's (Polychlorinated Biphenyl) and OCH's (Organochlorine Pesticides) will only be measured at a subset of the lakes that have relatively high concentrations of these chemicals. High-lipid bottom-feeders (e.g., carp or catfish) will be targeted for organics analysis as well. In all the lakes sampled, 2-4 prey species (25-100mm, Total Length) were collected for mercury analysis to determine wildlife risk. This followed protocols from the BOG 2012-2013 BAF study. (http://www.swrcb.ca.gov/water_issues/programs/swamp/docs/lakes_study/wildlife_mon_plan_03_2012.pdf)

In sport fish sampling while using an electroshocking boat, it is frequently necessary to sample over a linear course of 0.5 – 1 mi to obtain an adequate number of fish. For small lakes less than 500 ha in size, one sampling location covers a significant fraction of the surface area of the lake. For lakes of medium size (500 – 1000 ha), two locations will generally be sampled. For lakes in the large (1000 – 5000 ha) and very large categories (>5000 ha), two to four locations will be sampled. Since part of the goal of this study is to characterize human consumption of fish tissue, the existing locations have been established near centers of frequent fishing activity.

The size of the lakes in 2015 is often much less than during the 2007-2008 survey due to extreme drought (Figure 1). In many cases, previously sampled locations were dry or not accessible. In

several of the lakes, the number of sampled locations were reduced to reflect the current size or water level of the lake.

Figure 1. Shasta Lake, September 2015

Figure 2. Santa Margarita Lake, July 2015

1.0 Cruise Report

1.1 Objectives

The objectives were to follow the 2007-2008 sampling protocols and collect 12 individual black bass over a designated size range at each location in the 35 selected lakes. Additionally, prey fish (25-100 mm, total length) were sampled using traps, seines, electro shocking and dip nets from shoreline areas adjacent to the locations where sport fish are collected. Ten individuals each from two-four different prey fish species were sampled from each lake. Samplers targeted the following primary prey fish target species at all lakes: Mississippi silversides, threadfin shad, young-of-the-year black bass, young-of-the-year bluegill, and young-of-the-year green sunfish. Other species that were within the target size range were collected if the primary targets were not available. Efforts were made to sample the same species across all lakes. Fish that overlap in trophic guilds were sampled when these efforts were not possible. Fish tissue samples were analyzed as directed by SWRCB in Work Order No. 14SWBG01 (see Section 1.3 below)

1.2 MPSL/CDFW Sampling personnel

Gary Ichikawa	Crew Lead
Billy Jakl	Crew Lead
Sean Mundell	Crew Lead
Jon Goetzl	Environmental Scientist
Scot Lucas	Research Tech
April Guimaraes	Research Tech
John Negrey	Research Tech
Witold Piekarski	Research Tech
Mark Stephenson	CDFW Retired Annuitant

1.3 Authorization to collect samples

All sampling personnel are MPSL staff (San Jose State University Foundation and the California Department of Fish and Wildlife) contracted through San Jose State University Research Foundation (SJSURF) and the State Water Resources Control Board (SWRCB) to conduct the sample collection activities listed herein. The funding and authorization to collect the samples described herein is contained in the SWRCB Work Order 14SWBG01, including the description of the locations, number samples and species necessary to be collected at each lake.

1.4 Station selection

Based upon the selection of the BOG 2007-2008 Lakes and Reservoir Screening study and input from the regional boards, 35 lakes/reservoirs were selected to resample. Up to twelve black bass per location within each lake were targeted. Two to four prey species (10 fish/species) per water body were also targeted. Four lakes were designated for a bottom species collection for PCB and/or OCH analyses.

1.5 Summary of types of samples authorized to be collected

Ten to forty-four black bass, depending upon the size of the lake, were collected to better determine mercury trends. For bio-magnification estimates, 2-4 prey fish species were collected for mercury analysis.

Physical parameters were collected for each individual fish, which included: weight, total length, fork length, standard length (for prey species only) and presence of any abnormalities. Each adult black bass was individually tagged, wrapped in aluminum foil, placed in labeled zipper-closure bag and stored on dry ice for the duration of the trip.

At the MPSL lab, samples were stored in a freezer until they were processed for authorized analysis, per appropriate SOP's. Analysis authorization dictates tissue analysis (QA/QC requirements-preservatives, dissecting, etc.).

1.6 Discussion

A total of 31 of the 35 lakes were sampled. There was much greater than normal equipment malfunctions this year which led to scheduling difficulties and several re-sampling trips. Drought conditions also made boat launching challenging and/or impossible (Figure 2). Due to extremely low water levels, there was much reduced fish habitat in most of the water bodies. Four lakes were not sampled due to very little water or the lack of a reasonable way of getting the boat into the waterbody. These remaining 4 lakes will be sampled in 2016 if there is adequate water and boat access.

1.7 Results

A summary of number of prey and black bass samples collected from the 31 lakes are in Table 1.

Multiple MPSL teams sampled the 31 lakes. A more detailed fish catch, total length, descriptions and maps of sample collection for all lakes and species sampled are linked to Table 1.7.1 below.

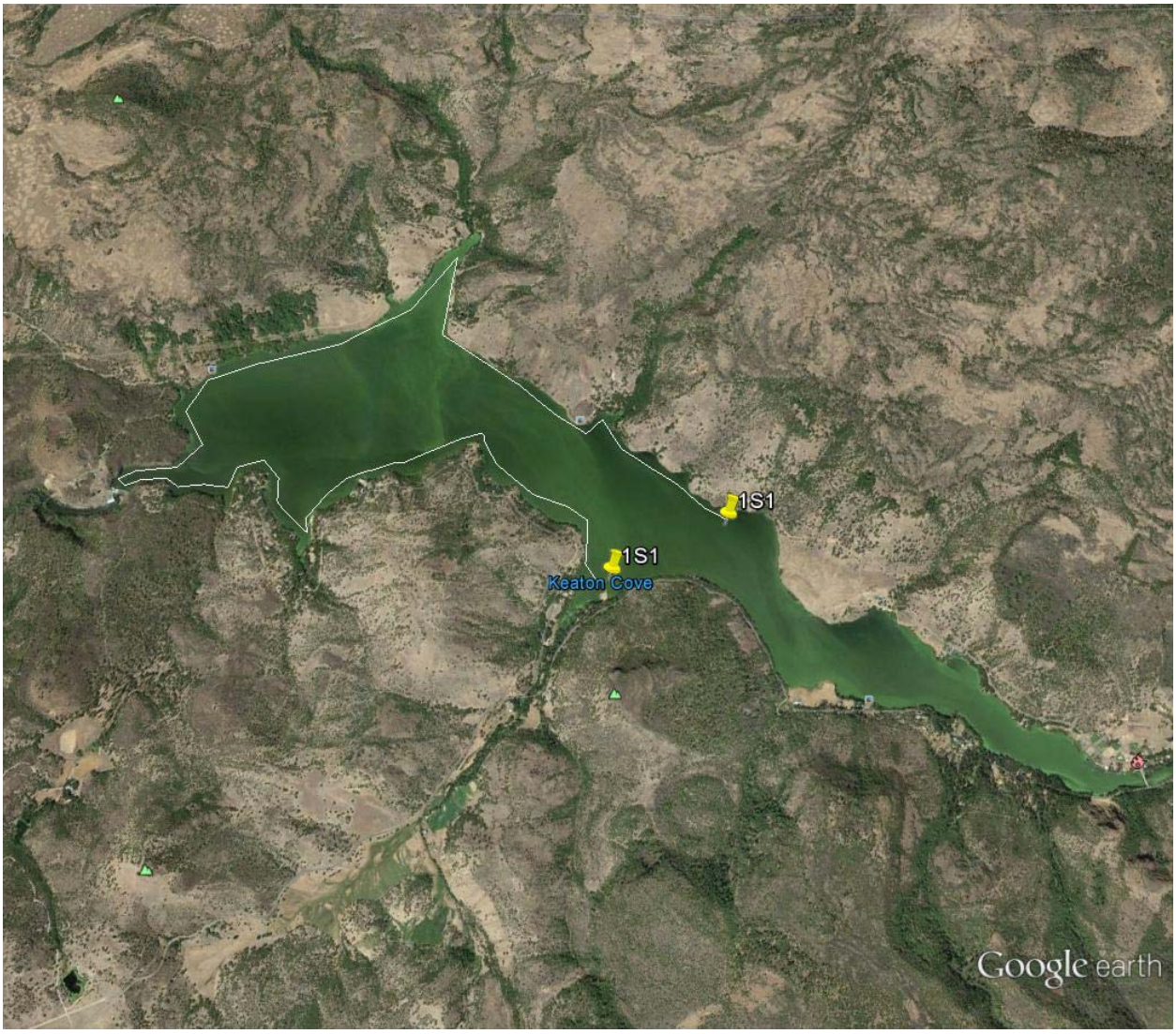
Five of the lakes were funded by R4 and will be summarized in this report as well.

Table 1. 2015 BOG Fish Collection Summary

		Sport fish		Prey spp					
Region	StationName	Black Bass Spp	Common Carp	Bass Spp	Bluegill	Threadfin shad	Silverside	Green sunfish	other
1	Copco Lake	10	-	10					20
1	Ruth Lake	11		10	10				10
2	Vasona Reservoir	11	10	10	10		10		
~~**3**~~	~~Santa Margarita Lake~~	-	-	-					
3	Nacimiento, Lake	24		10	10	10			
4	Castaic Lake	22	10	10	10		10		
~~**4**~~	~~Elizabeth Lake~~								
4	Ken Hahn Park Lake	12		10	10				
4	Cerritos Park Lake	12			10	9			
~~**4**~~	~~La Mirada Park Lake~~								
4	Santa Fe Reservoir	12	5	10	10			10	
4	Balboa, Lake	0						10	10
5	Shasta Lake	44		10	10	10		10	
5	Beach Lake	11			10	10	10		
5	Berryessa, Lake	33		10	10	10			
5	Folsom Lake	22		10	10	10			
5	Camp Far West Reservoir	22		10	10	10			
5	Zayak/Swan Lake	11		10	10				
5	Butt Valley Reservoir	11		10			10		
5	Britton, Lake	11		10	10				
5	Camanche Reservoir	21		10	10	10		10	
5	New Melones Lake	22		10	10	10			
5	Woodward Reservoir	11		10	10	10			
5	Don Pedro Reservoir	19		10		10			
~~**5**~~	McSwain, Lake	11		10		10		10	
5	McClure, Lake	33		10	10	4			
5	Eastman Lake	22		10	10				
5	O'Neill Forebay	22	10	10	10		10		
5	~~545TU0164-BOG Other Lake 164~~								
5	Success Lake	11		10				10	10
5	Brite Valley Lake	11		10					10
7	Havasu, Lake	44		10	10	10			
7	Sunbeam Lake	11		10	10				
9	San Marcos, Lake	11		10	10	10			
9	Barrett	11				10	10		

1.7.1 Table of Contents for BOG Long-term Monitoring of Bass Lakes Fish Study

2015 BOG, Copco Lake (105PCL181)



Latitude: 41.97437
Longitude: -122.29869
Collection Method: Electrofisher boat
Date (s) of Collection: September 22, 2015
Samplers: Gary Ichikawa and Scot Lucas

Prey Fish Caught: Redear Sunfish, TL (mm)									
39	40	42	51	53	56	56	57	63	68

Prey Fish Caught: Yellow Perch, TL (mm)									
68	74	74	76	76	79	80	80	84	85

Sportfish Caught: Largemouth Bass, TL (mm)									
180	201	223	246	272	268	281	354	379	480

Comments: The boat was launched from the Mallard Cove public boat ramp. Due extremely low water, launching/retrieving the boat was very challenging. A sample of largemouth bass was collected in addition to 3 prey fish species. Bluegill, hitch and brown bullhead were seen.

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2015 BOG, Ruth Lake (109PRL193)

Latitude: 40.35025
Longitude: -123.41245
Collection Method: Electrofisher boat
Date (s) of Collection: September 22, 2015
Samplers: William Jakl and April Guimaraes

Prey Fish Caught: Bluegill, TL (mm)									
72	74	80	81	81	82	85	91	91	94

Prey Fish Caught: Smallmouth Bass, TL (mm)									
50	53	53	58	60	61	64	68	75	81

Prey Fish Caught: Brown Bullhead, TL (mm)									
52	56	59	62	75	77	89	90	92	100

Sportfish Caught: Largemouth Bass, TL (mm)										
226	223	273	262	326	351	366	359	342	358	458

Comments: The boat was launched from the Journey's End Resort boat ramp. A sample of largemouth bass was collected in addition to 3 prey fish species.

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2015 BOG Lakes, Vasona Lake (205PLV218)

Latitude: 37.24421
Longitude: -121.96811
Collection Method: Electrofisher boat
Date (s) of Collection: July 13, 2015
Samplers: Billy Jakl and Sean Mundell

Prey Fish Caught: Largemouth Bass, TL (mm)									
51	55	60	64	65	65	74	79	80	84

Prey Fish Caught: Bluegill, TL (mm)									
76	78	80	83	87	88	88	91	91	91

Prey Fish Caught: Silverside, TL (mm)									
60	60	61	62	65	65	66	67	69	70

Sportfish Caught: Largemouth Bass, TL (mm)										
237	235	260	310	316	306	330	280	405	525	495

Sportfish Caught: Carp, TL (mm)									
565	600	542	660	585	543	595	598	594	592

Comments: The sampling vessel was launched from the boat launch ramp near the paddle boat docks. Largemouth bass and carp were collected. Three prey fish species were collected. Sacramento suckers and gold fish were seen.

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2015 BOG Lakes, Santa Margarita (309PSM206)

Latitude: 35.32827
Longitude: -120.48879
Collection Method: Electrofisher boat
Date (s) of Collection: July 13, 2015
Samplers: Gary Ichikawa and Scot Lucas

Comments: There was no access to the lake due to extremely low water conditions. We will try and sample in 2016.

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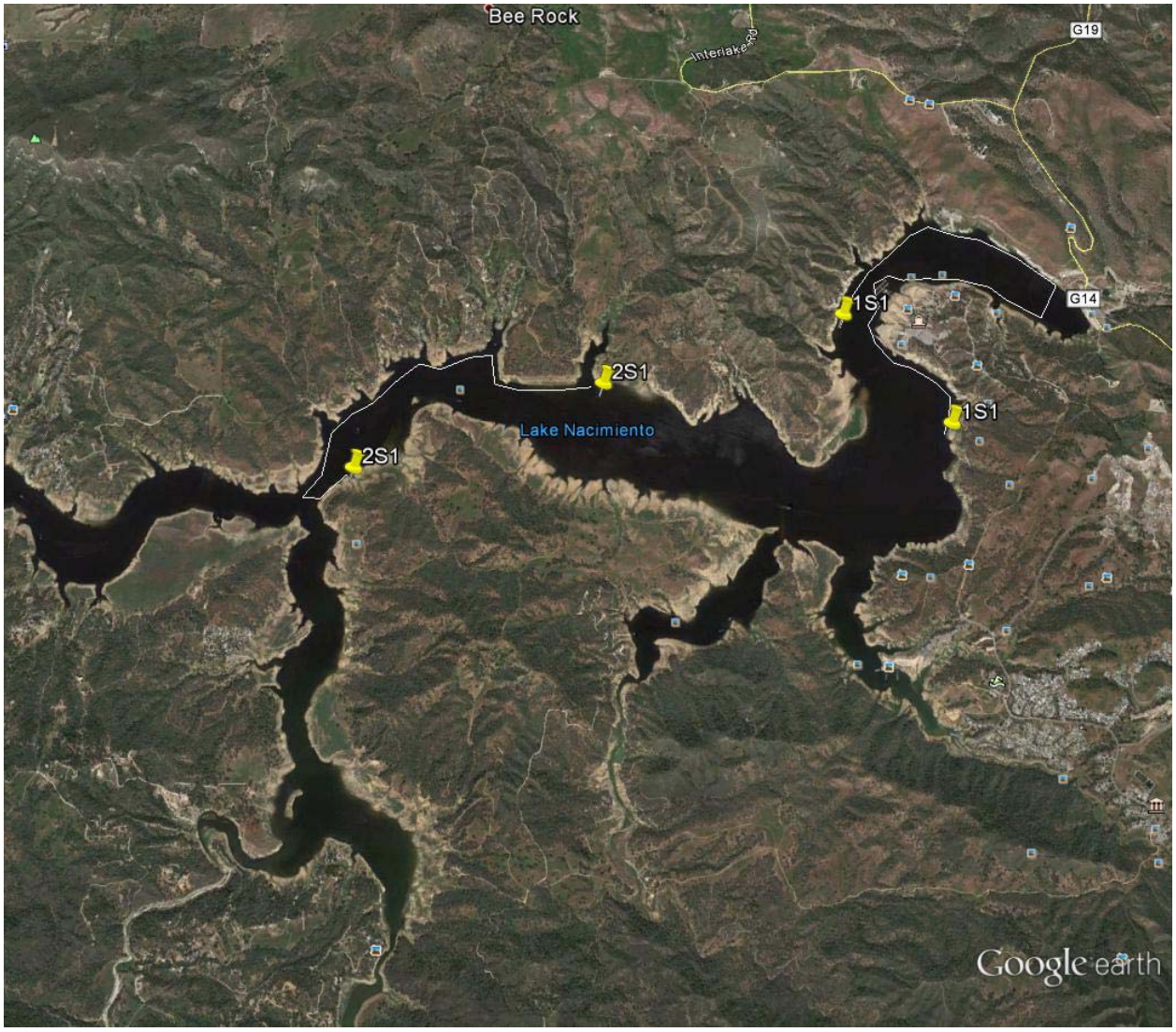
2015 BOG Lakes, Lake Nacimiento (309PLN060)



Latitude: 35.75694
Longitude: -120.90901
Collection Method: Electrofisher boat
Date (s) of Collection: July 21-22, 2015
Samplers: Billy Jakl and Sean Mundell

Prey Fish Caught: Bluegill, TL (mm)									
65	66	67	69	70	72	72	75	76	78

Prey Fish Caught: Spotted Bass, TL (mm)									
56	72	74	74	78	80	80	85	87	90

Prey Fish Caught: Threadfin Shad, TL (mm)									
85	89	90	92	92	92	93	96	99	100

Location 1, Sportfish Caught: Spotted Bass, TL (mm)						
384	289	246	202	235	294	
300	313	359	360	355	360	410

Location 2, Sportfish Caught: Spotted Bass, TL (mm)										
232	235	296	275	324	339	342	365	334	396	408

Comments: The sampling vessel was launched from the main ramp. Due to the low levels of water, 2 locations were sampled instead of 3 locations previously sampled. Spotted bass were collected at the 2 locations in addition to 3 samples of prey fish species. A couple of largemouth bass, black crappie, carp and sculpin were seen.

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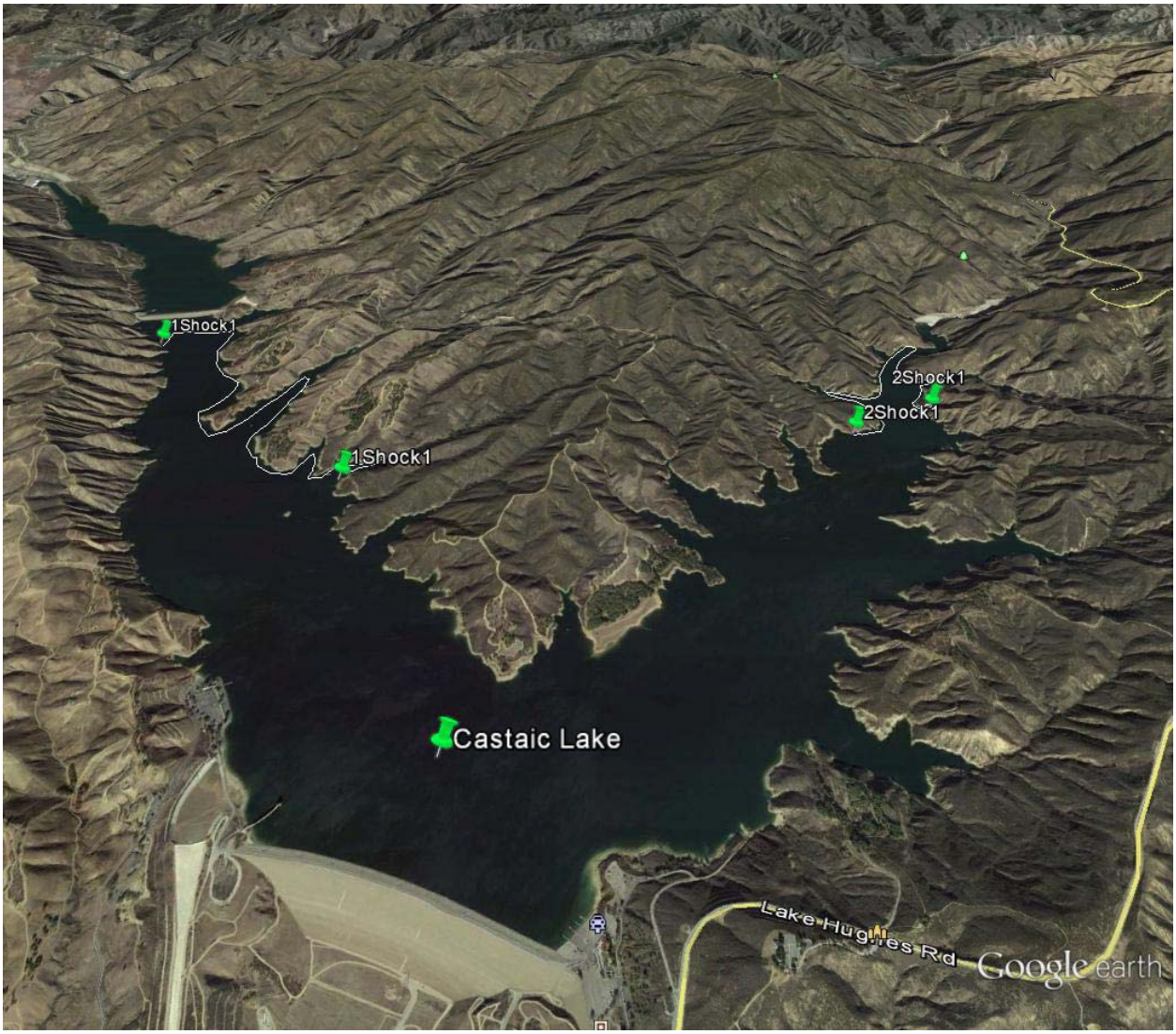
2015 BOG Lakes, Castaic Lake (403CASTLK)



Latitude: 34.55562
Longitude: -118.62811
Collection Method: Electrofisher boat
Date (s) of Collection: April 28, 2015
Samplers: Gary Ichikawa and Jon Goetzl

Prey Fish Caught: Bluegill, TL (mm)									
50	61	70	48	46	52	50	45	58	50

Prey Fish Caught: Largemouth, TL (mm)									
92	89	85	90	90	97	87	90	80	91

Prey Fish Caught: Silverside, TL (mm)									
90	82	80	90	90	79	85	89	88	76

Location 1 Sportfish Caught: Largemouth, TL (mm)										
201	218	275	285	338	412	322	401	382	370	451

Location 1 Sportfish Caught: Striped Bass, TL (mm)				
455	435	484	495	502

Location 1 Sportfish Caught: Carp, TL (mm)				
630	552	564	576	592

Location 2 Sportfish Caught: Largemouth, TL (mm)										
242	249	276	288	470	438	376	355	330	362	367

Location 2 Sportfish Caught: Carp, TL (mm)				
572	615	585	584	595

Comments: The collection of fish at this lake was funded by Region 4. The sampling vessel was launched from the main boat launch ramp. Largemouth bass and carp were collected at both locations in addition to striped bass at Location 1. Three prey species were collected. The lake level was over 35 meters lower than last year.

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2015 BOG Lakes, Elizabeth Lake (403ELIZLK)

Latitude: 34.66743
Longitude: -118.41166
Collection Method: Electrofisher boat
Date (s) of Collection: June 2, 2015
Samplers: Billy Jakl and Sean Mundell

Comments: The collection of fish at this lake was funded by Region 4. There was no access to the lake due to extremely low water conditions. We will try and sample in 2016.

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2015 BOG, Ken Hahn Park Lake (404KHANPK)

Latitude: 34.00896
Longitude: -118.37025
Collection Method: Electrofisher boat
Date (s) of Collection: July 14, 2015
Samplers: Gary Ichikawa and Scot Lucas

Prey Fish Caught: Bluegill, TL (mm)									
81	87	78	82	86	44	78	81	82	87

Prey Fish Caught: Largemouth, TL (mm)									
81	72	38	71	70	44	51	60	63	85

Sportfish Caught: Largemouth, TL (mm)					
232	241	250	279	353	324
348	320	363	341	486	412

Sportfish Caught: Bluegill, TL (mm)									
117	126	125	146	139	160	162	167	153	181

Sportfish Caught: Carp, TL (mm)		
690	749	727

Sportfish Caught: Channel Catfish, TL (mm)
536

Comments: The collection of fish at this lake was funded by Region 4. The sampling vessel was launched from the side of the lake using portable ramps. The whole lake was sampled several times. Two samples of prey fish were collected in addition to four sport fish species using the electrofisher boat. One black crappie was seen.

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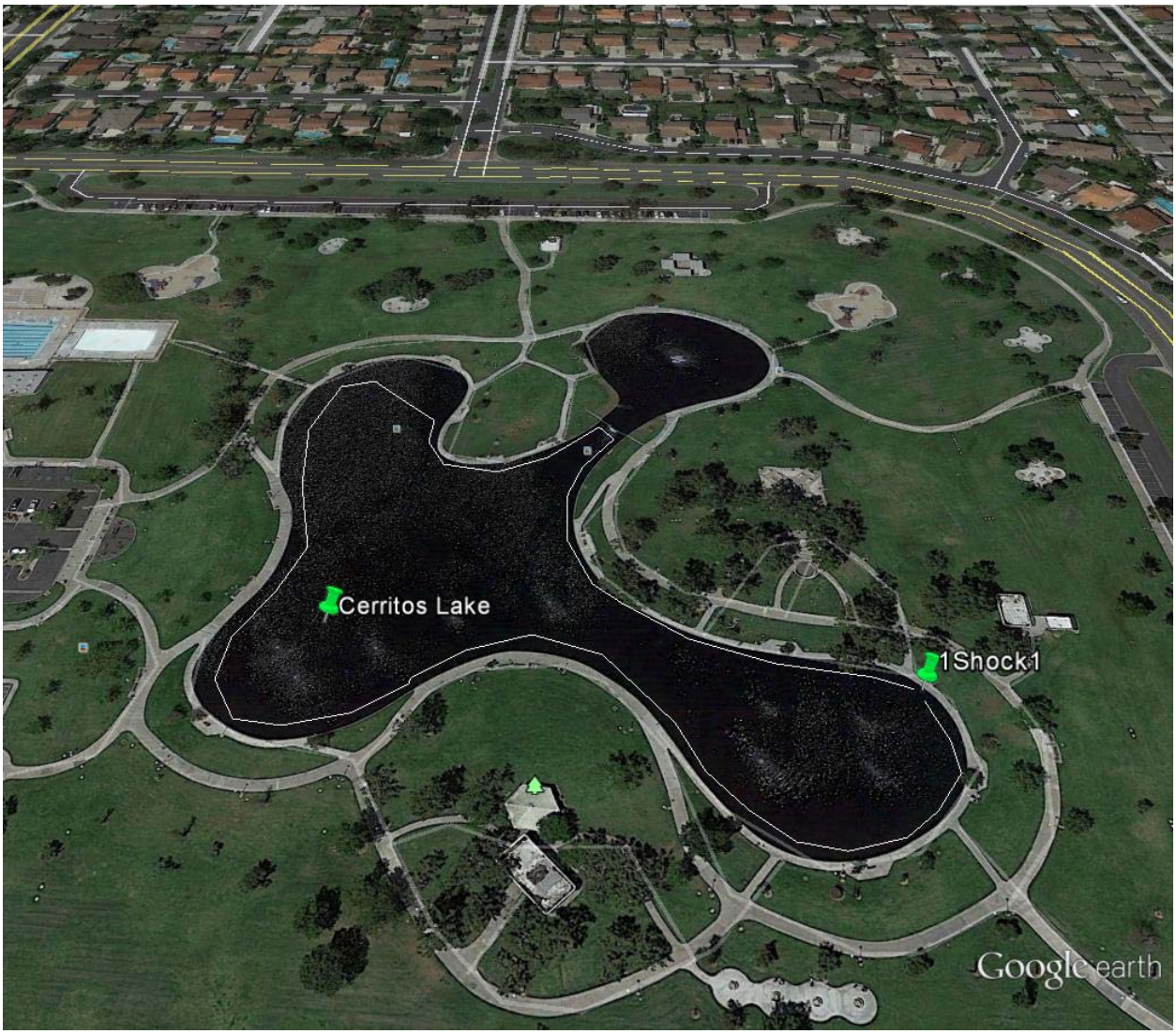
2015 BOG Lakes, Cerritos Park Lake (405CERRLK)



Latitude: 33.85116
Longitude: -118.05929
Collection Method: Electrofisher boat
Date (s) of Collection: June 23, 2015
Samplers: Gary Ichikawa and Scot Lucas

Prey Fish Caught: Threadfin Shad, TL (mm)									
118	111	125	108	111	94	136	101	111	

Prey Fish Caught: Bluegill, TL (mm)									
87	93	92	79	86	80	83	96	84	93

Sportfish Caught: Largemouth, TL (mm)					
184	260	312	284	315	355
348	362	389	399	426	426

Sportfish Caught: Bluegill, TL (mm)				
125	167	167	189	210

Sportfish Caught: Carp, TL (mm)				
761	709	831	726	

Comments: The collection of fish at this lake was funded by Region 4. The sampling vessel was launched from the lake bank near coordinates above. Portable ramps and a 4X4 vehicle were needed to launch/retrieve the boat. Two samples of prey fish was collected in addition to three sport fish species using the electrofisher boat. The entire lake was sampled.

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2015 BOG Lakes, La Mirada Park Lake (405LAMIRA)

Latitude: 33.90424
Longitude: -118.00529
Collection Method: Electrofisher boat
Date (s) of Collection: June 23, 2015
Samplers: Gary Ichikawa and Scot Lucas

Comments: The collection of fish at this lake was funded by Region 4. There was no access to the lake due to extremely low water conditions. We will try and sample in 2016.

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2015 BOG Lakes, Santa Fe Reservoir (405PSF067)

Latitude: 34.11563
Longitude: -117.95527
Collection Method: Electrofisher boat
Date (s) of Collection: May 6, 2015
Samplers: Gary Ichikawa and Scot Lucas

Prey Fish Caught: Bluegill, TL (mm)									
60	94	57	58	68	58	62	60	80	66

Prey Fish Caught: Largemouth, TL (mm)									
52	64	41	33	54	49	36	53	45	49

Prey Fish Caught: Green Sunfish, TL (mm)									
93	86	98	91	71	83	93	93	81	70

Sportfish Caught: Largemouth, TL (mm)					
241	241	285	311	344	329
352	350	376	392	411	428

Sportfish Caught: Bluegill, TL (mm)									
135	147	150	146	156	126	173	145	139	141

Sportfish Caught: Carp, TL (mm)				
634	676	662	624	660

Sportfish Caught: Black Bullhead, TL (mm)
440

Sportfish Caught: Channel Catfish, TL (mm)
447

Sportfish Caught: Blue Catfish, TL (mm)
528

Comments: The collection of fish at this lake was funded by Region 4. The sampling vessel was launched from the main reservoir ramp. Three samples of prey fish were collected in addition to two sport fish species.

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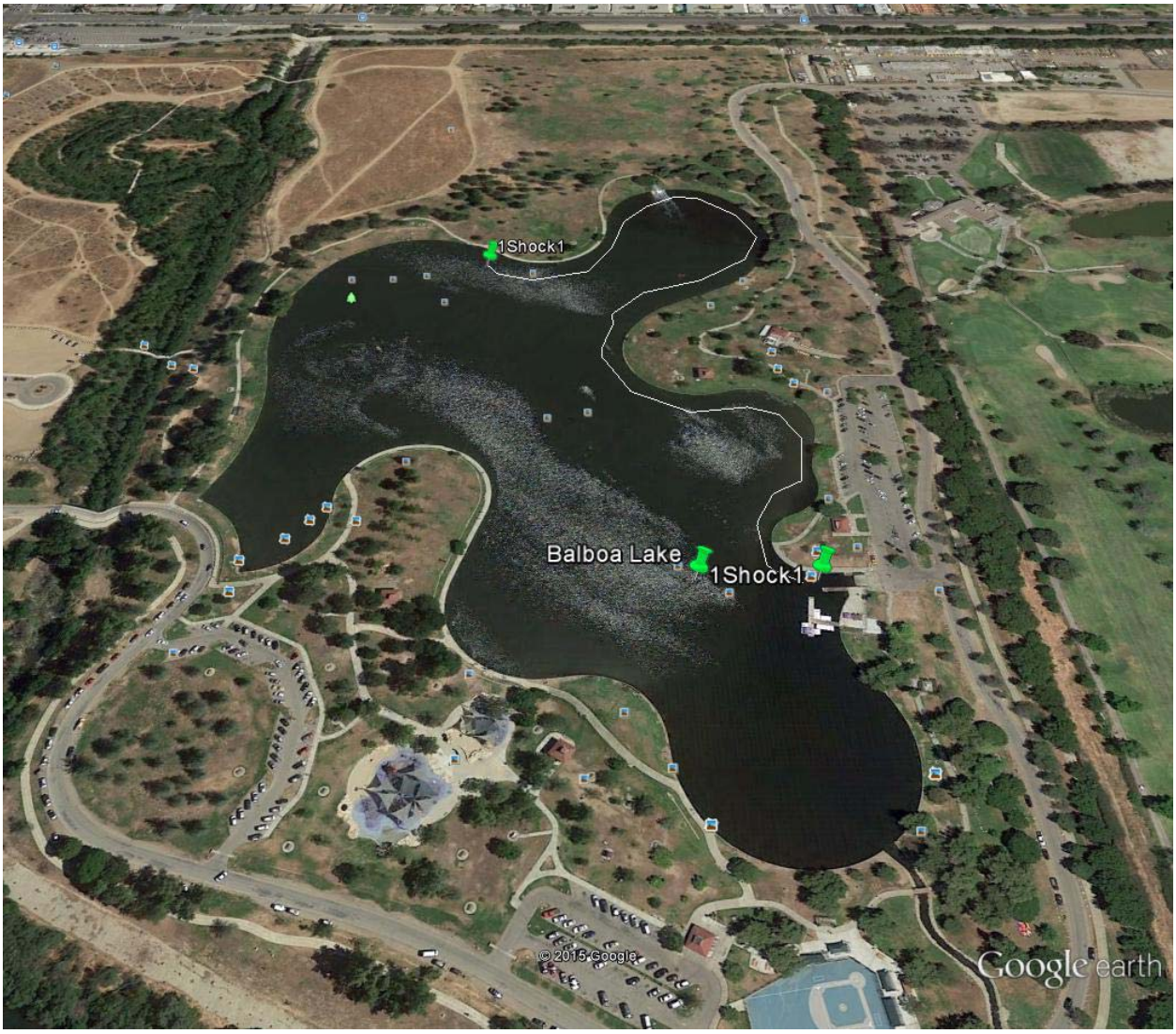
2015 BOG, Lake Balboa (412BALBOA)



Latitude: 34.18207
Longitude: -118.49474
Collection Method: Electrofisher boat
Date (s) of Collection: July 7, 2015
Samplers: Gary Ichikawa and Scot Lucas

Prey Fish Caught: Convict Cichlid, TL (mm)									
90	71	77	73	69	57	53	89	83	82

Prey Fish Caught: Green Sunfish, TL (mm)									
70	63	60	72	51	57	43	53	57	54

Sportfish Caught: Plecostomus, TL (mm)					
466	405	415	446	436	
411	421	450	391	376	

Comments: The collection of fish at this lake was funded by Region 4. The sampling vessel was launched from the main launch ramp. Two samples of prey fish were collected using the electrofisher boat. One of the species of prey fish was convict fish, an aquarium fish. The only large fish we saw was a Plecostomus species, another aquarium fish. They were very numerous in this lake and the dominant species. One carp, tilapia and redear sunfish were seen.

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2015 BOG, Shasta Lake (506PSH018)

at the dam (L1)

Latitude: 40.72972
Longitude: -122.43963
Collection Method: Electrofisher boat
Date (s) of Collection: September 21, 2015
Samplers: William Jakl and April Guimaraes

Prey Fish Caught: Green Sunfish, TL (mm)									
47	47	48	48	48	51	52	58	59	67

Prey Fish Caught: Smallmouth Bass, TL (mm)									
56	59	60	62	66	68	68	72	75	85

Prey Fish Caught: Threadfin Shad, TL (mm)									
74	77	78	78	78	78	80	81	81	92

Prey Fish Caught: Bluegill, TL (mm)									
70	75	81	82	85	88	95	96	97	100

Location 1, Sportfish Caught: Smallmouth Bass, TL (mm)										
220	223	233	256	306	365	325	346	326	432	455

Comments: The boat was launched from the Centimudi public boat ramp. A sample of smallmouth bass was collected in additional to 4 prey fish species.

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2015 BOG, Shasta Lake (506PSH018)

at Pit River arm (L2)

Latitude: 40.74537
Longitude: -122.21977
Collection Method: Electrofisher boat
Date (s) of Collection: September 21, 2015
Samplers: Gary Ichikawa and Scot Lucas

Location 2, Sportfish Caught: Smallmouth Bass, TL (mm)										
221	233	276	293	315	307	311	348	355	370	415

Comments: The boat was launched from the Jones Valley Resort boat ramp. A sample of smallmouth bass was collected. Channel catfish were seen.

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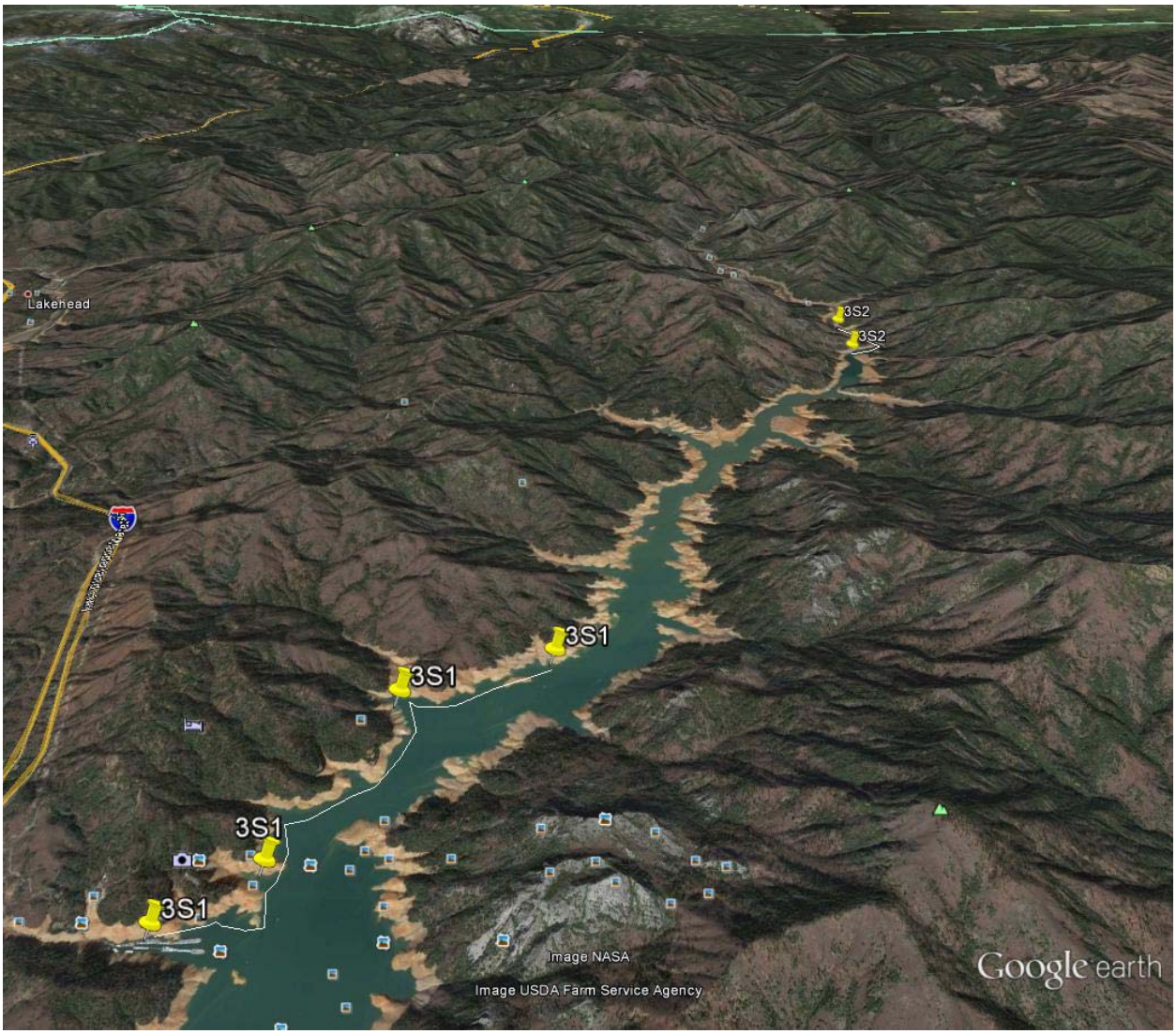
2015 BOG, Shasta Lake (506PSH018)

at the McCloud River arm (L3)



Latitude: 40.82348
Longitude: -122.27572
Collection Method: Electrofisher boat
Date (s) of Collection: September 23, 2015
Samplers: William Jakl and April Guimaraes

Location 3, Sportfish Caught: Smallmouth Bass, TL (mm)										
237	239	297	297	328	344	360	328	398	407	428

Comments: The boat was launched from Bridge Bay Resort boat ramp. A sample of smallmouth bass was collected.

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2015 BOG, Shasta Lake (506PSH018)

at the Sacramento River arm (L4)

Latitude: 40.85160
Longitude: -122.39423
Collection Method: Electrofisher boat
Date (s) of Collection: September 22, 2015
Samplers: Gary Ichikawa and Scot Lucas

Location 4, Sportfish Caught: Smallmouth Bass, TL (mm)										
234	237	264	258	305	348	377	345	341	421	360

Comments: The boat was launched from the Sugar Loaf public boat ramp. A sample of smallmouth bass was collected.

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2015 BOG, Beach Lake (510BECHLK)

Latitude: 38.43846
Longitude: -121.48335
Collection Method: Electrofisher boat
Date (s) of Collection: October 6, 2015
Samplers: Gary Ichikawa, Mark Stephenson and Witold Piekarski

Prey Fish Caught: Bluegill, TL (mm)									
64	75	80	88	89	89	93	94	98	98

Prey Fish Caught: silverside, TL (mm)									
51	57	59	61	63	67	76	79	83	83

Prey Fish Caught: Threadfin Shad, TL (mm)									
69	70	73	76	80	82	82	87	87	93

Sportfish Caught: Largemouth Bass, TL (mm)										
240	266	306	320	340	378	333	322	403	445	493

Comments: Access permission was needed from the Sacramento Regional Wastewater Treatment Plant. The boat was launched from the bank of the lake. 4X4 and ramps were necessary to launch/retrieve the boat. The whole lake was sampled. A sample of largemouth bass samples was collected in addition to 3 samples of prey fish species. Channel catfish, black crappie and carp were seen.

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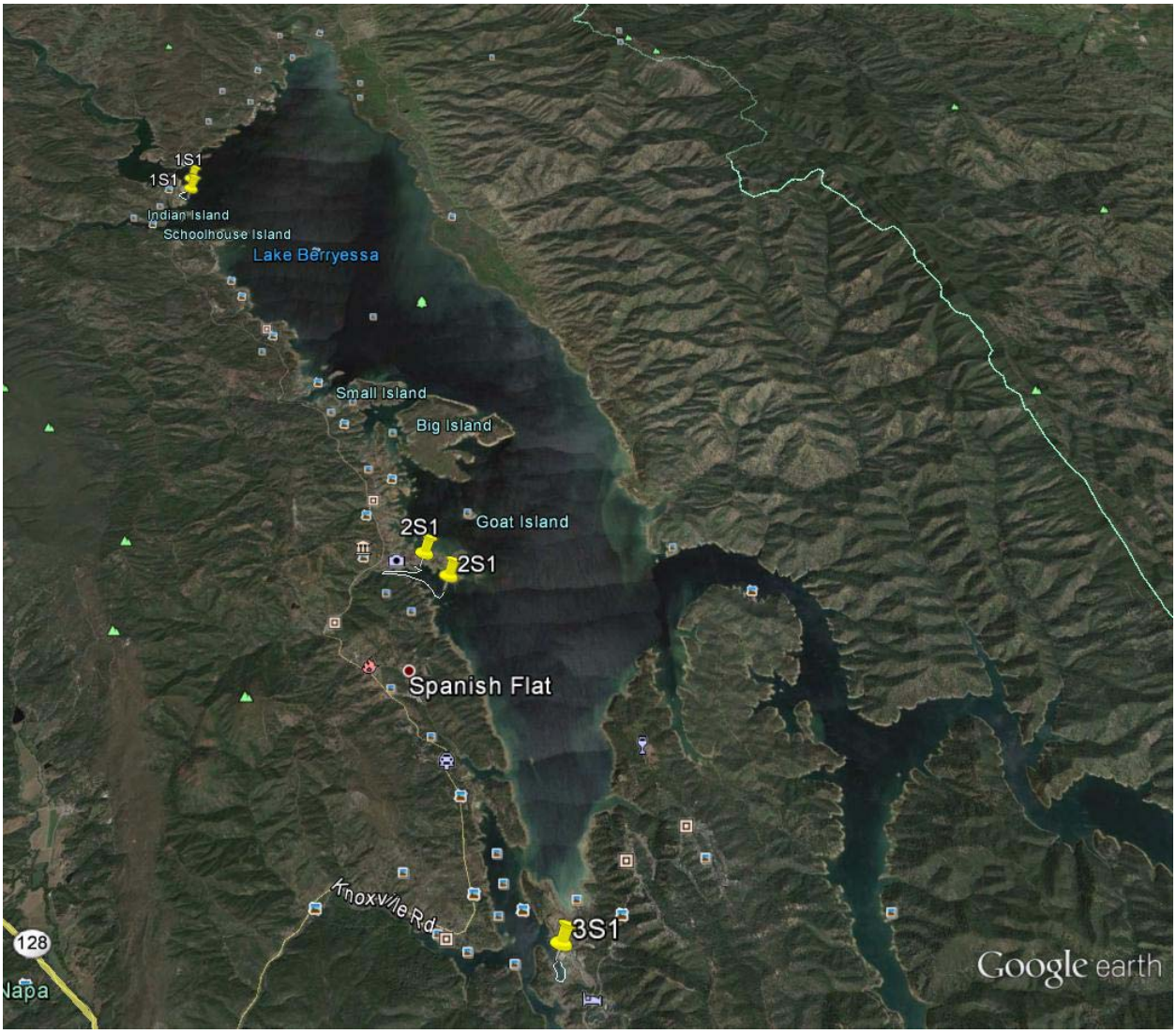
2015 BOG, Berryessa Lake (511PLB077)



Latitude: 38.62395
Longitude: -122.28434
Collection Method: Electrofisher boat
Date (s) of Collection: August 24, 2015
Samplers: Gary Ichikawa and Jon Goetzl

Prey Fish Caught: Bluegill, TL (mm)									
48	52	54	60	62	64	65	66	67	75

Prey Fish Caught: Smallmouth Bass, TL (mm)									
53	62	62	62	62	63	65	66	66	69

Prey Fish Caught: Threadfin Shad, TL (mm)									
70	82	82	85	87	88	88	89	92	99

Location 1, Sportfish Caught: Largemouth Bass, TL (mm)										
222	238	260	255	365	368	357	395	392	375	430

Location 2, Sportfish Caught: Largemouth Bass, TL (mm)										
205	225	251	278	300	375	340	355	395	430	465

Location 3, Sportfish Caught: Largemouth, TL (mm)										
220	242	255	292	305	310	306	315	350	356	420

Comments: Due to low water 3 of the 4 locations were sampled. For Location 1, the sampling vessel was launched from the Putah Canyon Recreation Area boat ramp. For Location 2, the sampling vessel was launched from the BLM Headquarter's boat ramp. For Location 3, the sampling vessel was launched from the Steele Canyon Recreation Area boat ramp. Largemouth bass samples were collected at the 3 locations. Three samples of prey fish species were also collected. Channel catfish and carp were seen.

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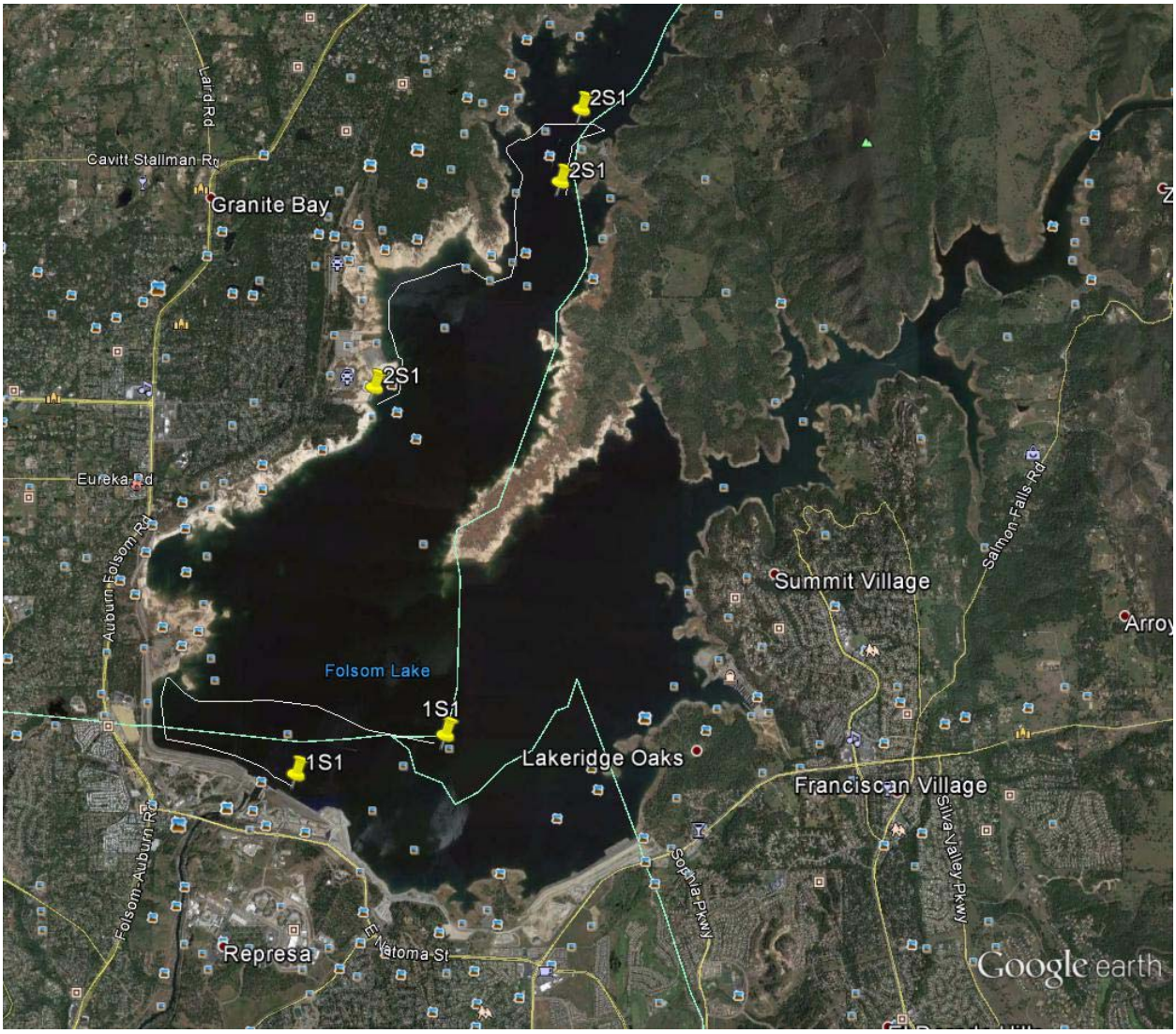
2015 BOG, Folsom Lake (514PFL177)



Latitude: 38.71077
Longitude: -121.15511
Collection Method: Electrofisher boat
Date (s) of Collection: August 17, 2015
Samplers: Gary Ichikawa and Scot Lucas

Prey Fish Caught: Bluegill, TL (mm)									
66	67	69	72	75	80	85	86	86	93

Prey Fish Caught: Smallmouth Bass, TL (mm)									
47	47	51	52	57	58	61	62	72	90

Prey Fish Caught: Threadfin Shad, TL (mm)									
28	31	31	32	32	33	35	36	36	39

Location 1, Sportfish Caught: Smallmouth Bass, TL (mm)										
210	231	274	285	359	377	363	404	391	369	427

Location 2, Sportfish Caught: Smallmouth Bass, TL (mm)										
211	246	253	279	294	306	305	339	352	345	495

Comments: The sampling vessel was launched from the only lake ramp open. The following week no boat launching was possible. Due to low water only 2 of the 3 locations were sampled. Smallmouth bass samples were collected at the 2 locations. Three species of prey fish were also collected. Channel catfish and carp were seen.

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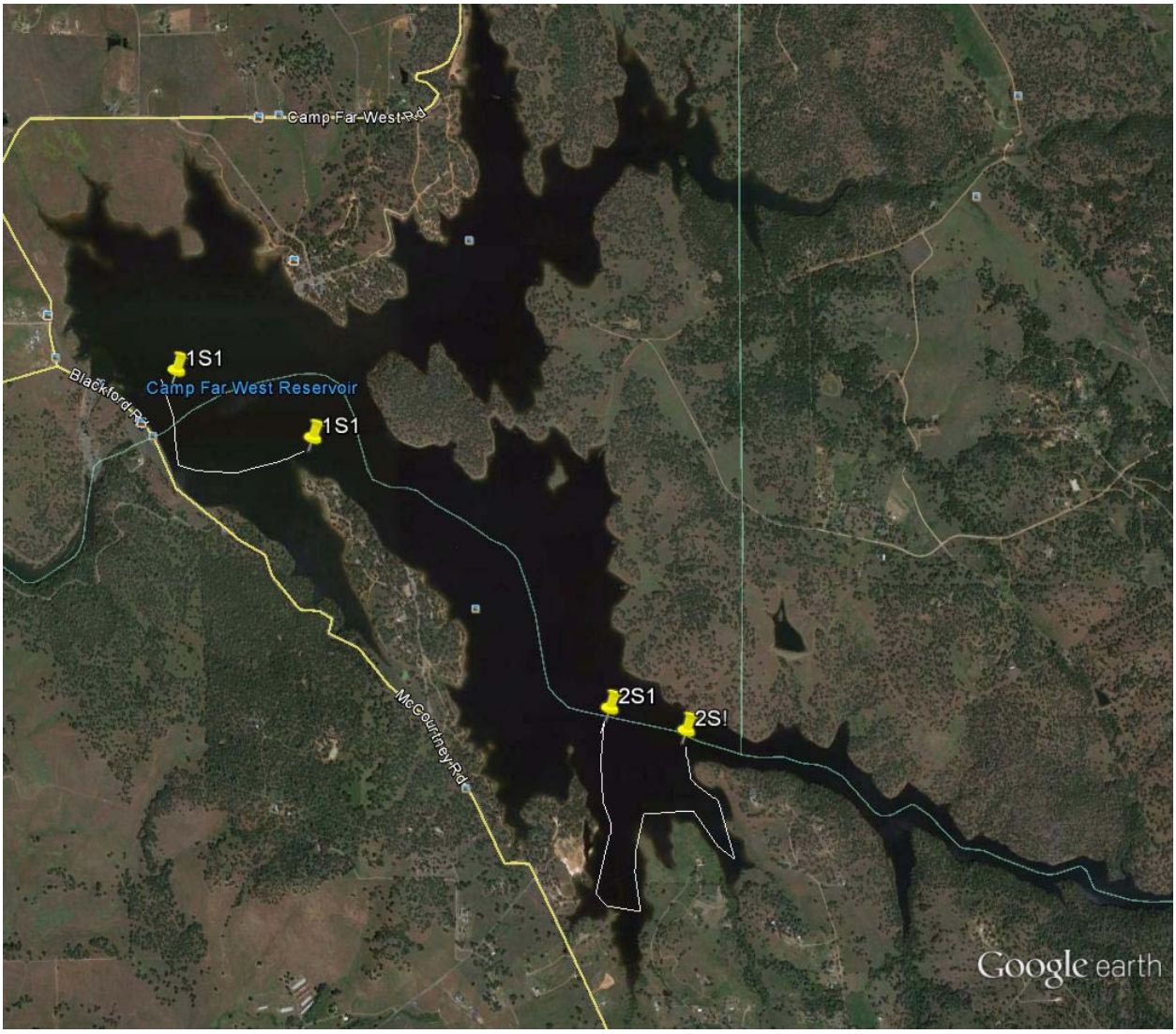
2015 BOG, Camp Far West Reservoir (516PCF037)



Latitude: 39.05240
Longitude: -121.31480
Collection Method: Electrofisher boat
Date (s) of Collection: August 25, 2015
Samplers: Gary Ichikawa and Jon Goetzl

Prey Fish Caught: Bluegill, TL (mm)									
84	90	91	92	95	98	98	98	99	104

Prey Fish Caught: Smallmouth Bass, TL (mm)									
60	61	61	62	62	65	69	70	75	77

Prey Fish Caught: Threadfin Shad, TL (mm)									
80	82	85	85	85	85	85	88	90	95

Location 1, Sportfish Caught: Smallmouth Bass, TL (mm)										
208	245	252	280	355	325	355	405	385	365	420

Location 2, Sportfish Caught: Smallmouth Bass, TL (mm)										
210	221	264	301	308	308	365	340	314	345	395

Comments: Due to low water the north lake ramp was the only one open. Smallmouth bass samples were collected at the 2 locations. Three samples of prey fish species were also collected. Channel catfish, Sacramento sucker and carp were seen.

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2015 BOG, Zayak/Swan Lake (516TUO173)

Latitude: 39.13540
Longitude: -121.13495
Collection Method: Electrofisher boat
Date (s) of Collection: August 25, 2015
Samplers: Gary Ichikawa and Jon Goetzl

Prey Fish Caught: Bluegill, TL (mm)									
43	52	55	55	65	78	86	87	87	90

Prey Fish Caught: Largemouth Bass, TL (mm)									
58	78	80	80	83	83	85	85	88	90

Sportfish Caught: Largemouth Bass, TL (mm)										
200	235	270	255	320	325	351	378	345	362	382

Comments: This is a private lake and permission to collect was granted by the Lakewood Lake HOA. A sample of largemouth bass was collected in addition to 2 samples of prey fish species. Channel catfish and redear sunfish were seen.

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2015 BOG, Butt Valley Reservoir (518PBV109)

Latitude: 41.16014
Longitude: -121.17789
Collection Method: Electrofisher boat
Date (s) of Collection: October 6, 2015
Samplers: Gary Ichikawa and Scot Lucas

Prey Fish Caught: silverside, TL (mm)									
55	58	59	60	60	60	62	68	73	77

Prey Fish Caught: Smallmouth Bass, TL (mm)									
61	62	63	81	81	91	92	94	96	98

Sportfish Caught: Smallmouth Bass, TL (mm)										
223	228	270	270	280	317	310	325	370	385	411

Comments: The boat was launched from the Ray Adams boat ramp within the state park. 4X4 was necessary to launch/retrieve the boat. Due to low water 1 of the 2 locations were sampled. A sample of smallmouth bass samples was collected in addition to 2 samples of prey fish species. Channel catfish Sacramento sucker, Sacramento pike minnow and carp were seen.

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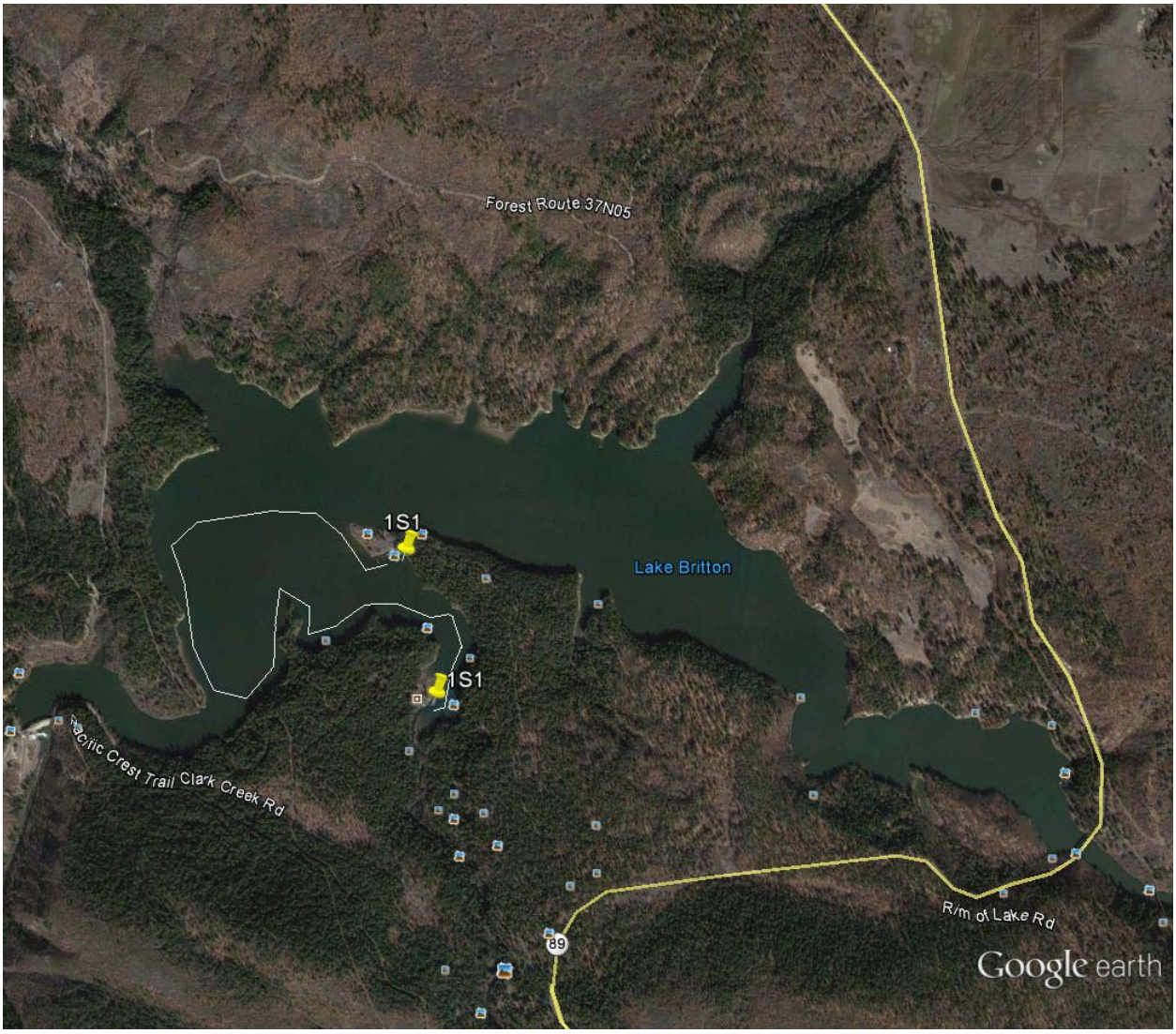
2015 BOG, Lake Britton (526PLB101)



Latitude: 41.902778
Longitude: -121.65687
Collection Method: Electrofisher boat
Date (s) of Collection: September 23, 2015
Samplers: Gary Ichikawa and Scot Lucas

Prey Fish Caught: Bluegill, TL (mm)									
52	54	54	55	56	57	65	66	67	82

Prey Fish Caught: Smallmouth Bass, TL (mm)									
84	84	87	90	90	92	93	93	94	100

Sportfish Caught: Smallmouth Bass, TL (mm)										
225	230	254	282	348	338	335	344	308	349	403

Comments: The boat was launched from public boat ramp within the state park. Due extremely low water, launching/retrieving the boat was very challenging. A sample of smallmouth bass was collected in addition to 2 prey fish species. Black crappie, brown bullhead, hardhead and carp were seen.

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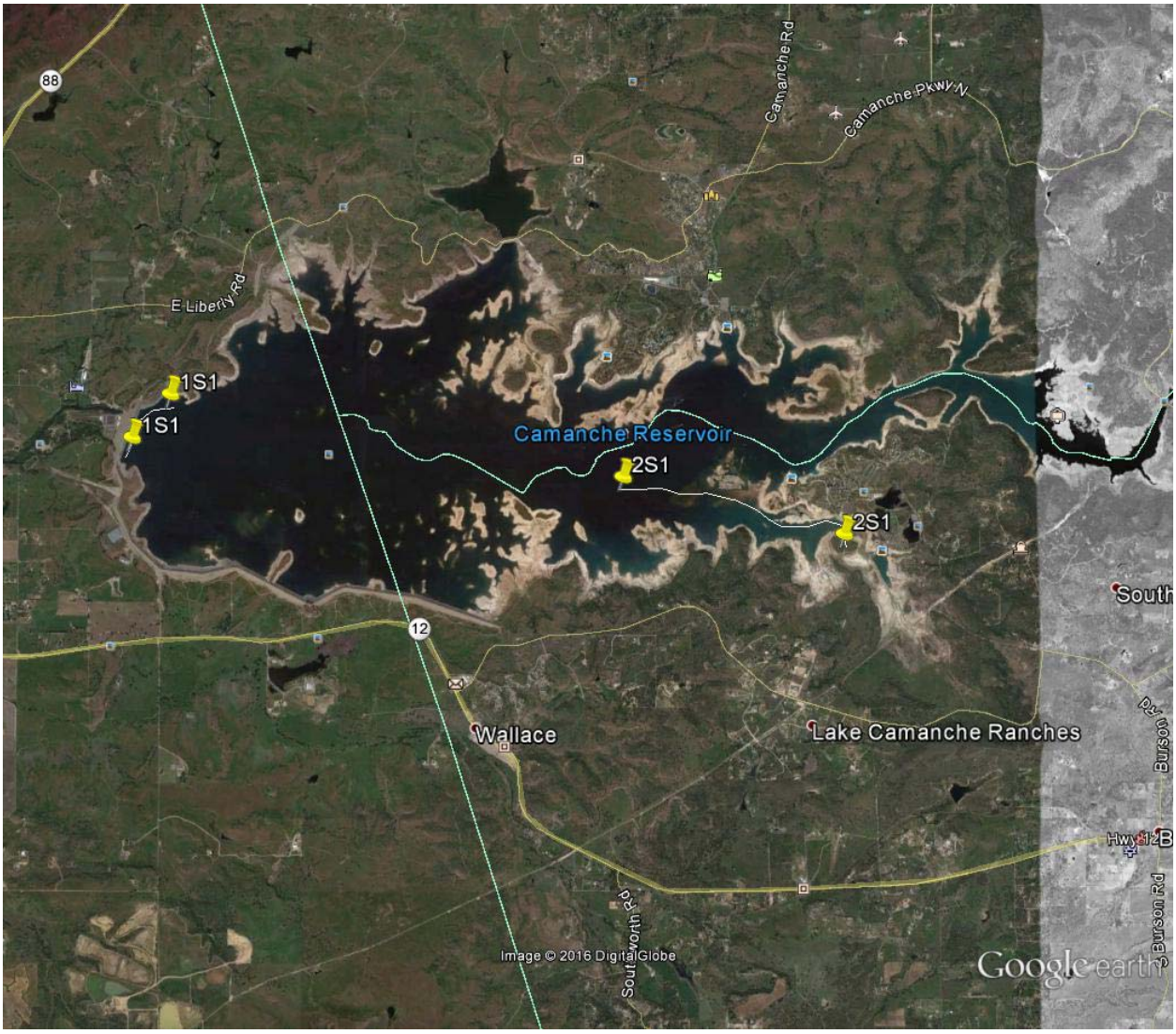
2015 BOG, Camanche Reservoir (531PCR145)



Latitude: 38.22645
Longitude: -121.01792
Collection Method: Electrofisher boat
Date (s) of Collection: July 28, 2015
Samplers: Gary Ichikawa and Scot Lucas

Prey Fish Caught: Bluegill, TL (mm)									
84	85	86	86	90	90	92	97	97	98

Prey Fish Caught: Green Sunfish, TL (mm)									
67	74	75	75	79	79	87	88	88	93

Prey Fish Caught: Largemouth Bass, TL (mm)									
51	62	65	67	70	70	74	74	75	80

Prey Fish Caught: Threadfin Shad, TL (mm)									
64	69	77	78	83	88	92	92	93	93

Location 1, Sportfish Caught: Largemouth Bass, TL (mm)										
202	240	266	293	330	366	371	369	372	390	450

Location 2, Sportfish Caught: Largemouth Bass, TL (mm)									
242	233	291	365	370	400	416	361	433	431

Comments: The sampling vessel was launched from the only accessible boat ramp**.** Due to low water only 2 of the 3 locations were sampled. Largemouth bass samples were collected at the 2 locations. Four species of prey fish were also collected. Channel catfish and carp were seen.

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2015 BOG, New Melones Reservoir (534PNM092)

Latitude: 37.95070
Longitude: -120.52214
Collection Method: Electrofisher boat
Date (s) of Collection: July 27, 2015
Samplers: Gary Ichikawa and Scot Lucas

Prey Fish Caught: Bluegill, TL (mm)									
60	71	75	75	75	90	90	95	96	98

Prey Fish Caught: Largemouth Bass, TL (mm)									
44	51	54	57	62	66	66	89	100	103

Prey Fish Caught: Threadfin Shad, TL (mm)									
90	94	95	96	96	97	99	99	99	99

Location 1, Sportfish Caught: Largemouth Bass, TL (mm)										
241	246	252	253	270	301	332	310	382	396	472

Location 2, Sportfish Caught: Largemouth Bass, TL (mm)										
239	236	250	270	353	330	309	352	390	408	377

Comments: The sampling vessel was launched from the only ramp accessible. Largemouth bass samples were collected at 2 locations. Three species of prey fish were also collected. Low water levels and high winds made sampling more difficult. Channel catfish and carp were seen.

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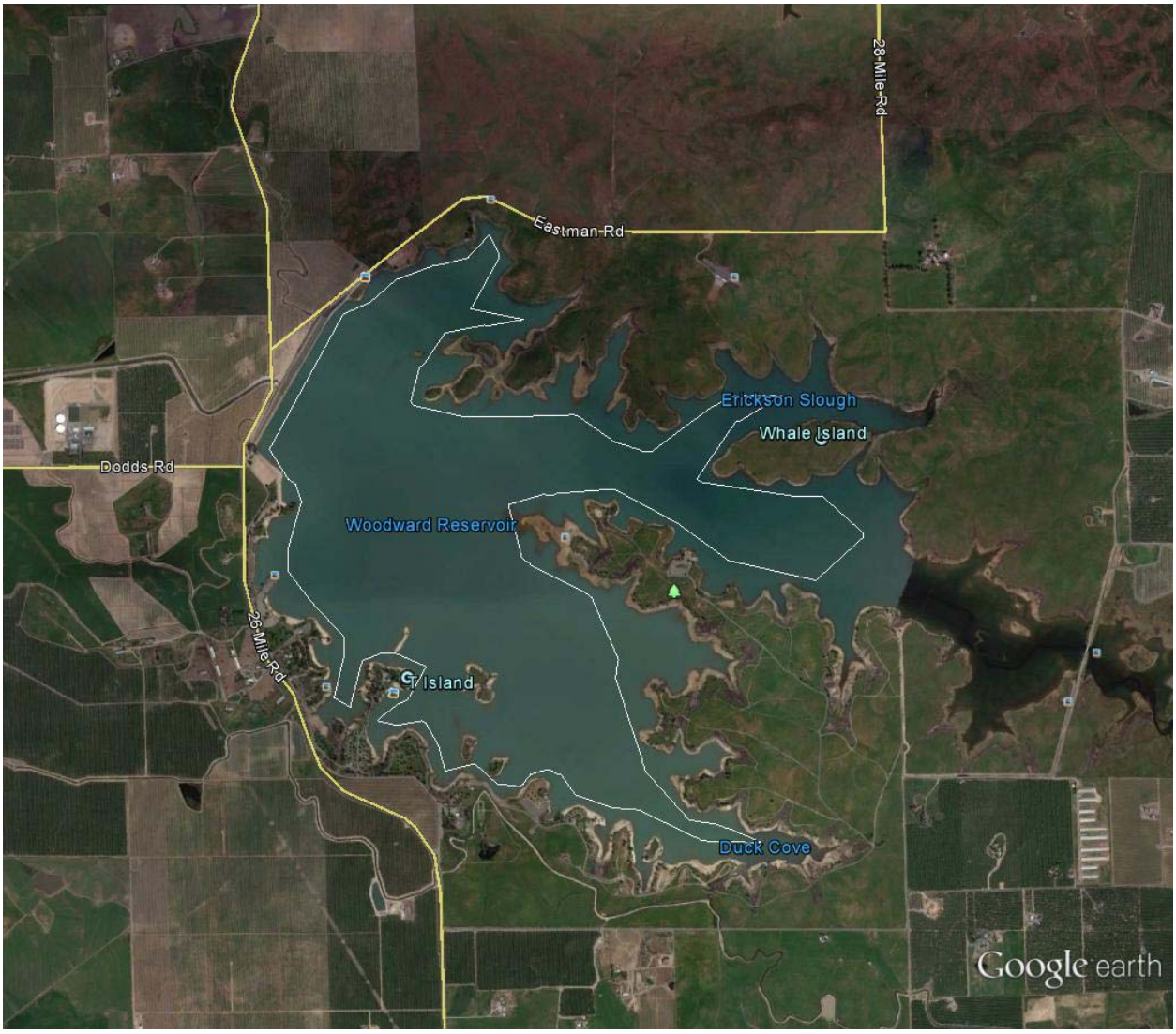
2015 BOG, Woodward Reservoir (535PWR185)



Latitude: 37.8646
Longitude: -120.87369
Collection Method: Electrofisher boat
Date (s) of Collection: July 29, 2015
Samplers: Gary Ichikawa and Scot Lucas

Prey Fish Caught: Bluegill, TL (mm)									
71	71	81	81	85	85	86	87	97	99

Prey Fish Caught: Largemouth Bass, TL (mm)									
51	53	54	55	59	61	63	63	63	70

Prey Fish Caught: Threadfin Shad, TL (mm)									
55	56	56	57	58	59	60	61	61	61

Sportfish Caught: Largemouth Bass, TL (mm)										
158	280	276	295	319	312	313	318	373	391	562

Comments: The sampling vessel was launched from the main launch ramp. Due to low water only 1 of the 2 locations was sampled. Largemouth bass samples were collected as well as 3 species of prey fish. Gold fish, black crappie, brown bullhead and carp were seen.

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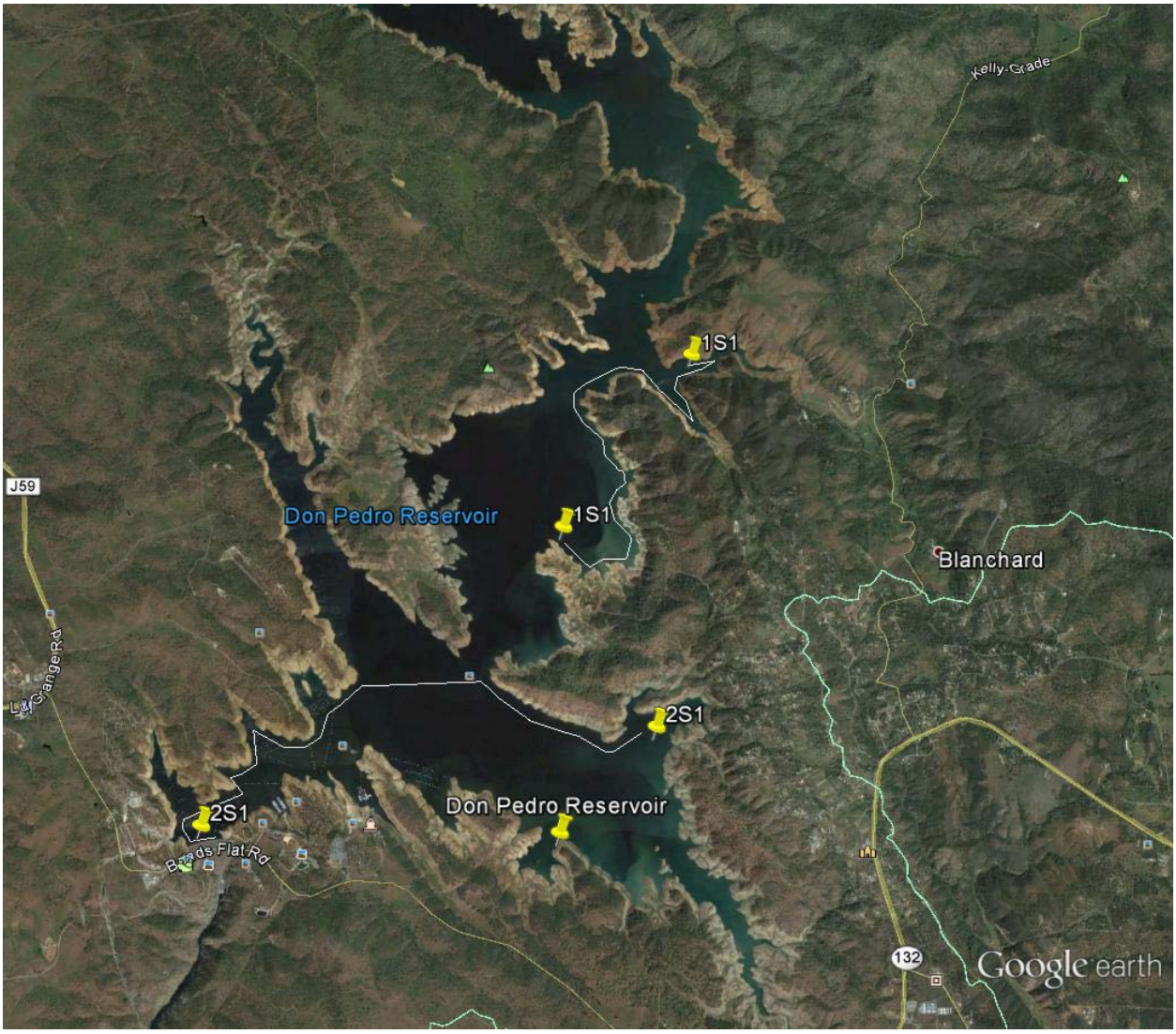
2015 BOG Lakes, Don Pedro Reservoir (536PDP167)



Latitude: 37.73278
Longitude: -120.37561
Collection Method: Electrofisher boat
Date (s) of Collection: July 22, 2015
Samplers: Gary Ichikawa and Jon Goetzl

Prey Fish Caught: Largemouth Bass, TL (mm)									
42	46	55	59	59	61	72	75	82	98

Prey Fish Caught: Threadfin Shad, TL (mm)									
77	80	84	85	86	88	90	92	93	94

Location 1, Sportfish Caught: Largemouth Bass, TL (mm)								
207	222	232	223	235	330	332	375	550

Location 2, Sportfish Caught: Largemouth Bass, TL (mm)									
211	225	265	257	325	339	353	360	406	530

Comments: The sampling vessel was launched from the one remaining open boat ramp. Two of the three locations were sampled due to low water levels. Largemouth bass were collected at both locations. Two prey fish species were also collected**.** Channel catfish, bluegill and carp were seen.

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2015 BOG Lakes, McSwain Reservoir (537PLM116)

Latitude: 37.51742
Longitude: -120.29930
Collection Method: Electrofisher boat
Date (s) of Collection: July 23, 2015 and October 13, 2015
Samplers: Billy Jakl and Sean Mundell, Gary Ichikawa and Jon Goetzl

Prey Fish Caught: Green Sunfish, TL (mm)									
61	64	65	65	67	71	72	78	80	97

Prey Fish Caught: Smallmouth Bass, TL (mm)									
63	65	67	69	82	83	88	89	90	94

Prey Fish Caught: Threadfin Shad, TL (mm)									
50	51	52	55	55	55	55	57	59	62

Sportfish Caught: Smallmouth Bass, TL (mm)										
230	235	270	288	288	286	290	328	315	315	430

Comments: The sampling vessel was launched from the main boat ramp. The initial sampling had to be cancelled due to boat problems. The second sampling was successful. Smallmouth bass were collected in addition to 3 samples of prey fish species. Sacramento sucker were seen.

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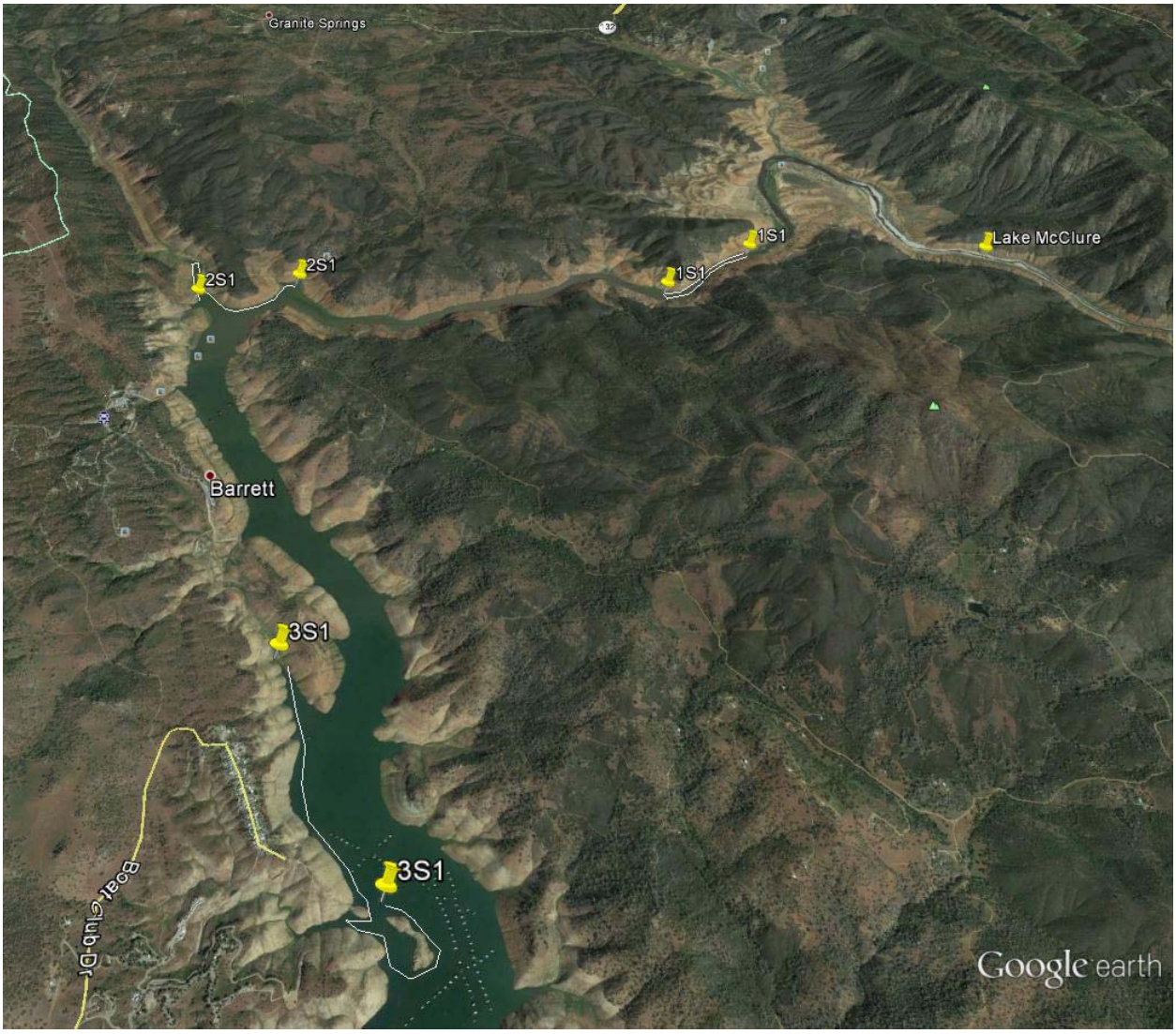
2015 BOG Lakes, Lake McClure (537PLM215)



Latitude: 37.66411
Longitude: -120.23753
Collection Method: Electrofisher boat
Date (s) of Collection: July 21, 2015
Samplers: Gary Ichikawa and Jon Goetzl

Prey Fish Caught: Bluegill, TL (mm)									
52	52	59	85	91	95	96	97	97	98

Prey Fish Caught: Largemouth Bass, TL (mm)									
46	51	54	54	55	57	69	70	80	92

Prey Fish Caught: Threadfin Shad, TL (mm)									
59	61	69	71	71	71	71	71	72	75

Location 1, Sportfish Caught: Largemouth Bass, TL (mm)										
220	230	259	262	297	295	330	348	371	390	422

Location 2, Sportfish Caught: Largemouth Bass, TL (mm)										
233	220	242	271	272	310	335	371	371	425	428

Location 3, Sportfish Caught: Largemouth Bass, TL (mm)										
209	235	255	257	280	332	355	400	432	406	432

Comments: The sampling vessel was launched from the one remaining open boat ramp. Three locations were sampled. Largemouth bass were collected at each location. Three prey fish species were also collected.

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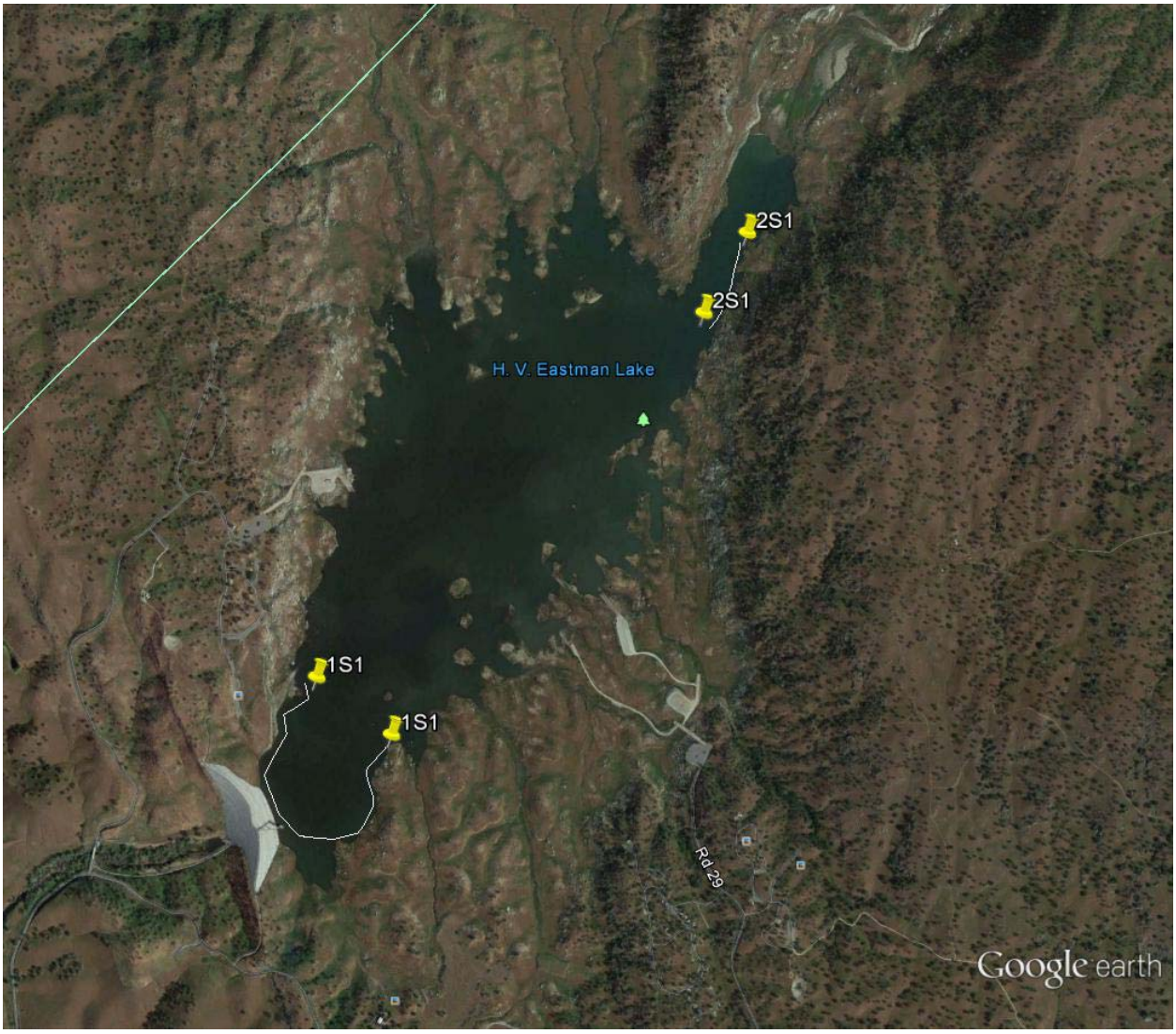
2015 BOG, Eastman Lake (539PEL194)



Latitude: 37.22107
Longitude: -119.98248
Collection Method: Electrofisher boat
Date (s) of Collection: August 19, 2015
Samplers: Gary Ichikawa and Scot Lucas

Prey Fish Caught: Bluegill, TL (mm)									
79	84	84	88	88	89	90	92	95	97

Prey Fish Caught: Largemouth Bass, TL (mm)									
51	57	63	63	66	68	70	71	72	78

Location 1, Sportfish Caught: Largemouth Bass, TL (mm)										
211	214	225	265	305	324	350	376	393	362	408

Location 2, Sportfish Caught: Largemouth Bass, TL (mm)										
205	247	300	297	325	328	377	400	387	384	426

Comments: The sampling vessel was launched from the main boat ramp. Largemouth bass samples were collected at the 2 locations. Two species of prey fish were also collected. Channel catfish, redear sunfish, black crappie and carp were seen.

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2015 BOG, O'Neill Forebay (541POF104)

Latitude: 37.08366
Longitude: -121.05870
Collection Method: Electrofisher boat
Date (s) of Collection: July 14, 2015
Samplers: Billy Jakl and Sean Mundell

Prey Fish Caught: Bluegill, TL (mm)									
68	82	83	85	85	85	89	95	96	100

Prey Fish Caught: Largemouth Bass, TL (mm)									
65	65	68	69	73	75	80	83	84	85

Prey Fish Caught: Silverside, TL (mm)									
50	51	52	52	53	55	55	55	60	60

Location 1, Sportfish Caught: Largemouth Bass, TL (mm)										
222	238	260	255	365	368	357	395	392	375	430

Location 1, Sportfish Caught: Carp, TL (mm)				
370	360	375	405	440

Location 2, Sportfish Caught: Largemouth Bass, TL (mm)										
205	225	251	278	300	375	340	355	395	430	465

Location 1, Sportfish Caught: Carp, TL (mm)				
335	395	404	415	440

Comments: The sampling vessel was launched from the main reservoir ramp. Fish were collected from 2 locations. Both largemouth bass and carp were collected. Three samples of prey fish species were additionally collected. Sacramento suckers, striped bass, brown bullhead and sculpin were seen.

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2015 BOG, Other Lake 164 (545TUO164)

Latitude: 36.06397
Longitude: -118.92144
Collection Method: Electrofisher boat
Date (s) of Collection: September 16, 2015
Samplers: Scot Lucas and John Negrey

Comments: Due to low water access, to this water body was not available. We will try and sample in 2016.

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2015 BOG, Lake Success (555PSL174)

Latitude: 36.06397
Longitude: -118.92144
Collection Method: Electrofisher boat
Date (s) of Collection: September 15, 2015
Samplers: Scot Lucas and John Negrey

Prey Fish Caught: Channel Catfish, TL (mm)									
64	64	66	69	75	81	81	83	86	87

Prey Fish Caught: Green Sunfish, TL (mm)									
50	52	59	61	62	62	69	78	89	90

Prey Fish Caught: Largemouth Bass, TL (mm)									
58	63	64	64	64	69	72	72	80	94

Sportfish Caught: Largemouth Bass, TL (mm)										
244	243	250	276	320	335	315	391	376	397	496

Comments: The sampling vessel was launched from the bank of the lake. Due to low water 1 of the 3 locations were sampled. Largemouth bass samples were collected in addition to 3 samples of prey fish species. Channel catfish and carp were seen.

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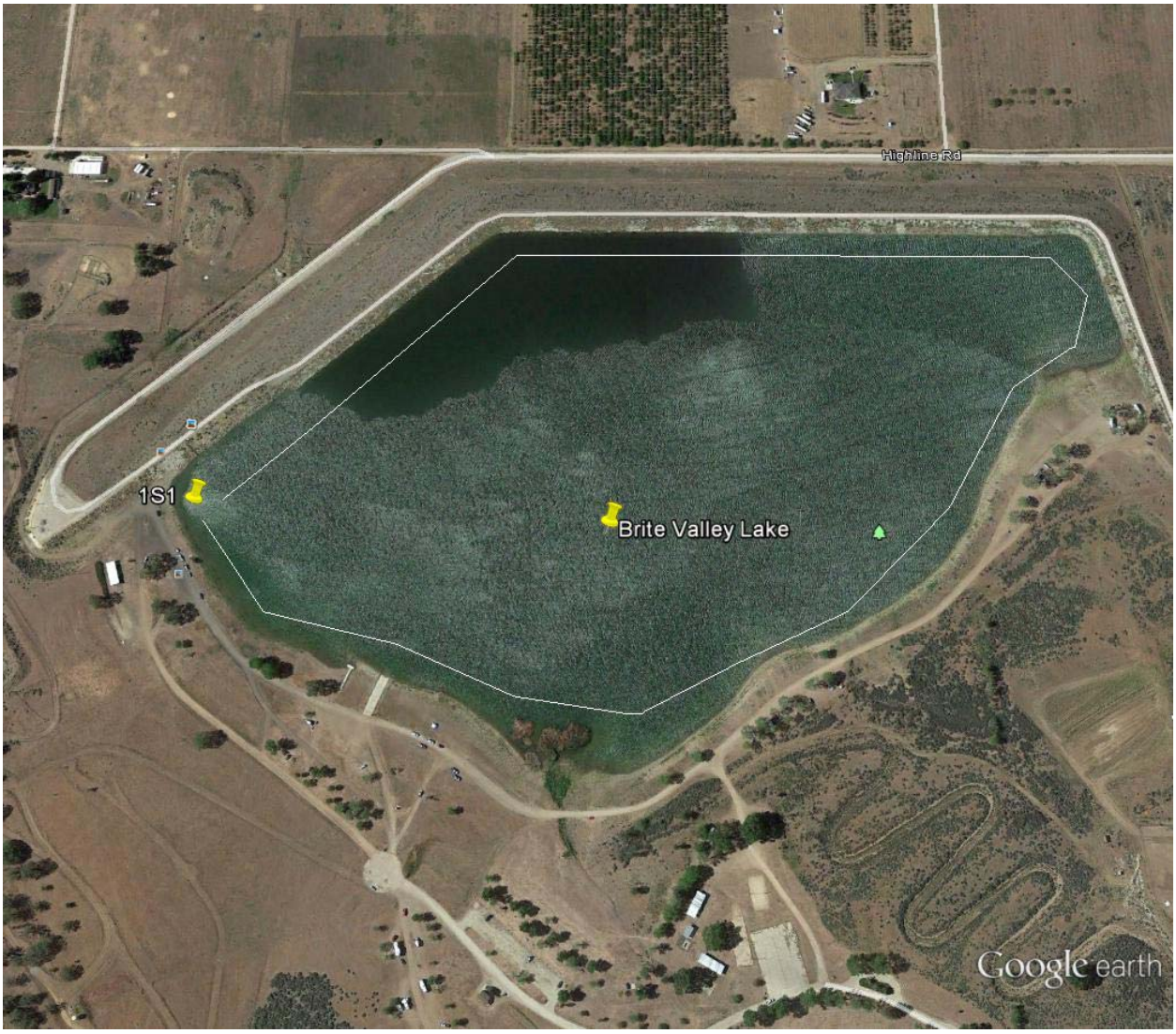
2015 BOG, Brite Valley Lake (556PBV122)



Latitude: 35.10754
Longitude: -118.54556
Collection Method: Electrofisher boat
Date (s) of Collection: September 14, 2015
Samplers: Scot Lucas and John Negrey

Prey Fish Caught: Largemouth Bass, TL (mm)									
62	65	67	68	69	73	76	84	84	90

Prey Fish Caught: White Crappie, TL (mm)									
59	61	61	61	61	62	66	66	69	71

Sportfish Caught: Largemouth Bass, TL (mm)										
242	240	275	287	318	339	329	354	330	343	429

Comments: The sampling vessel was launched from the main boat ramp. A sample of largemouth bass was collected in addition to 2 samples of prey fish species. Channel catfish and bluegill were seen.

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2015 BOG, Lake Havasu (714PLH214) (L1)

Latitude: 34.50734
Longitude: -114.36843
Collection Method: Electrofisher boat
Date (s) of Collection: October 19- 21, 2015
Samplers: Gary Ichikawa and Scot Lucas

Prey Fish Caught: Bluegill, TL (mm)									
57	62	64	71	72	73	75	78	80	86

Prey Fish Caught: Largemouth Bass, TL (mm)									
79	81	82	84	89	92	92	96	98	99

Prey Fish Caught: Threadfin Shad, TL (mm)									
86	87	89	90	91	91	92	92	98	99

Location 1, Sportfish Caught: Largemouth Bass, TL (mm)										
214	240	317	355	515	286	303	311	311	395	410

Comments: The boat was launched from the Windsor Beach State Park boat ramp. A sample of largemouth bass samples was collected in addition to 3 samples of prey fish species. Channel catfish, redear sunfish, brown bullhead, Sacramento sucker, gold fish and flathead catfish were seen.

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2015 BOG, Lake Havasu (714PLH214) (L2)

Latitude: 34.46143
Longitude: -114.37344
Collection Method: Electrofisher boat
Date (s) of Collection: October 20, 2015
Samplers: Gary Ichikawa and Scot Lucas

Location 2, Sportfish Caught: Largemouth Bass, TL (mm)										
210	240	256	263	325	339	331	320	395	408	419

Comments: The boat was launched from the Windsor Beach State Park boat ramp. A sample of largemouth bass samples was collected. Channel catfish and redear sunfish were seen.
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2015 BOG, Lake Havasu (714PLH214) (L3)

Latitude: 34.44524
Longitude: -114.37740
Collection Method: Electrofisher boat
Date (s) of Collection: October 21, 2015
Samplers: Gary Ichikawa and Scot Lucas

Location 3, Sportfish Caught: Largemouth Bass, TL (mm)										
245	240	257	285	390	398	364	386	383	465	575

Comments: The boat was launched from the Site 6 boat ramp on Pittsburg Point. A sample of largemouth bass samples was collected. Channel catfish and redear sunfish were seen.

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2015 BOG, Lake Havasu (714PLH214) (L4)

Latitude: 34.29740
Longitude: -114.312122
Collection Method: Electrofisher boat
Date (s) of Collection: October 20, 2015
Samplers: Gary Ichikawa and Scot Lucas

Location 4, Sportfish Caught: Largemouth Bass, TL (mm)										
193	192	214	292	305	320	349	378	400	430	420

Comments: The boat was launched from the Havasu Springs Resort boat ramp. A sample of largemouth bass samples was collected. Black crappie, flathead catfish and tilapia were seen.
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2015 BOG Lakes, Sunbeam Lake (723SNBEAM)

Latitude: 32.78101
Longitude: -115.68123
Collection Method: Electrofisher boat
Date (s) of Collection: July 29, 2015
Samplers: William Jakl and April Guimaraes

Prey Fish Caught: Bluegill, TL (mm)									
70	75	83	85	90	90	95	99	100	100

Prey Fish Caught: Largemouth Bass, TL (mm)									
56	60	60	65	65	66	72	75	80	87

Sportfish Caught: Largemouth Bass, TL (mm)										
223	226	255	274	345	353	348	364	366	416	496

Comments: The sampling vessel was launched from the only launch ramp. A sample of largemouth bass and 2 prey fish species were collected. The whole lake was sampled. Flathead catfish, channel catfish and carp were seen.

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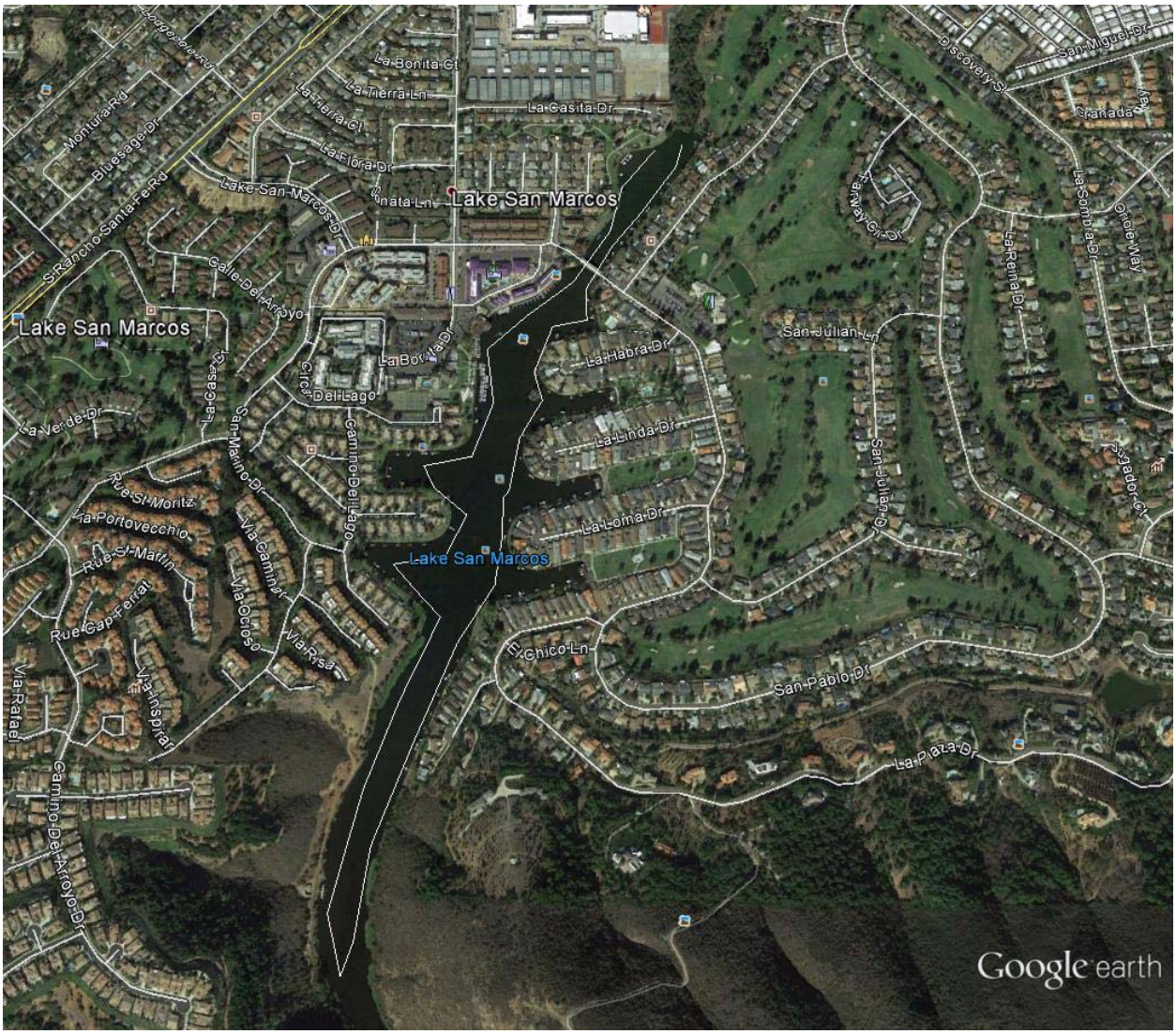
2015 BOG Lakes, Lake San Marcos (904SAMRLK)



Latitude: 33.11378
Longitude: -117.20991
Collection Method: Electrofisher boat
Date (s) of Collection: July 27, 2015
Samplers: Billy Jakl and April Guimaraes

Prey Fish Caught: Bluegill, TL (mm)									
87	92	95	98	99	100	100	100	100	100

Prey Fish Caught: Largemouth Bass, TL (mm)									
55	80	80	91	93	99	100	100	100	105

Prey Fish Caught: Threadfin Shad, TL (mm)									
90	92	98	98	99	100	100	100	100	100

Sportfish Caught: Largemouth Bass, TL (mm)										
200	234	251	304	378	390	402	350	397	505	489

Comments: The sampling vessel was launched from the lake resort. A sample of largemouth bass and 3 samples of prey fish species were collected. The entire lake was sampled. Black crappie, bluegill, channel catfish were seen.

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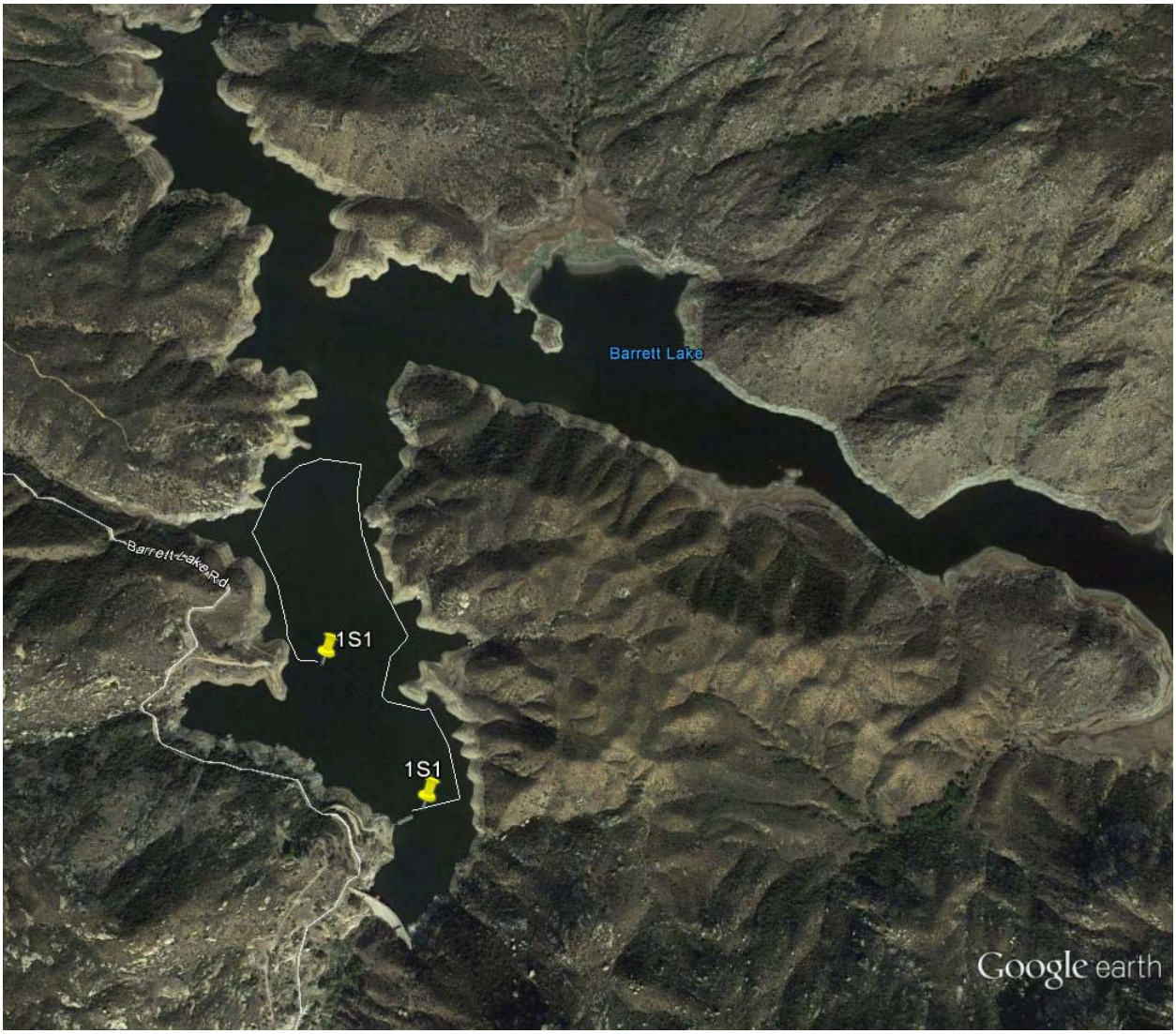
2015 BOG Lakes, Lake Barrett (911PBL166)



Latitude: 32.68125
Longitude: -116.66965
Collection Method: Electrofisher boat
Date (s) of Collection: July 28, 2015
Samplers: Billy Jakl and April Guimaraes

Prey Fish Caught: silverside, TL (mm)									
70	73	80	84	85	89	95	95	95	99

Prey Fish Caught: Threadfin Shad, TL (mm)									
72	72	72	73	73	74	74	74	75	75

Sportfish Caught: Largemouth Bass, TL (mm)										
175	291	292	280	352	360	368	385	360	411	420

Comments: It was not possible to launch a boat. A portable electroshocking unit was utilized on an aluminum skiff. DFW personnel under Russel Black assisted in the fish collections. A sample of largemouth bass and 2 prey fish species were collected. Brown bullhead and bluegill were seen.

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Appendix 1. List of Priority Bass Lakes

Year	Panel	RegBoard	StationNam	Latitude	Longitude	County
Yr1	2	7	Havasu, Lake	34.4025	-114.269	San Bernardino
Yr1	2	4	Crystal Lake	34.3187	-117.847	Los Angeles
Yr1	2	5	New Hogan Lake	38.175	-120.771	Calaveras
Yr1	2	5	Whiskeytown Lake	40.6255	-122.575	Shasta
Yr1	2	9	Skinner	33.58892	-117.053	
Yr1	2	3	Cachuma, Lake	34.59443	-119.943	Santa Barbara
Yr1	2	5	Natomas, Lake	38.6501	-121.194	Sacramento
Yr1	2	2	Upper San Leandro Reservoir	37.7761	-122.117	Alameda, Contra Costa
Yr1	2	4	Wilderness Park Lake	33.9368	-118.1	Los Angeles
Yr1	2	5	Isabella Lake	35.6658	-118.427	Kern
Yr1	2	5	Mile Long Pond	39.42861	-121.634	Butte
Yr1	2	3	Pinto Lake	36.956	-121.773	Santa Cruz
Yr1	2	9	Hodges, Lake	33.06837	-117.114	San Diego
Yr1	2	5	Black Butte Lake	39.7581	-122.379	Tehama, Glenn
Yr1	2	5	Davis Creek Reservoir	38.8591	-122.359	Yolo
Yr1	2	5	Los Banos Reservoir	36.9799	-120.964	Merced
Yr1	2	7	Ferguson Lake	32.972	-114.5	Imperial
Yr1	2	6	Palmdale Lake	34.5506	-118.121	Los Angeles
Yr1	2	5	Pardee Reservoir	38.2659	-120.843	Amador, Calaveras
Yr1	2	1	Iron Gate Reservoir	41.9722	-122.402	Siskiyou
Yr1	2	8	Elsinore, Lake	33.66669	-117.341	Riverside
Yr1	2	5	Webb, Lake	35.2226	-119.262	Kern
Yr1	2	5	Mountain Meadows Reservoir	40.2738	-120.962	Lassen
Yr1	2	2	San Pablo Reservoir	37.923	-122.238	Contra Costa
Yr1	2	4	Magic Johnson Lakes	33.91924	-118.261	
Yr1	2	9	Jennings, Lake	32.8586	-116.886	San Diego
Yr1	2	5	Collins Lake	39.3359	-121.318	Yuba
Yr1	2	3	Chesbro Reservoir	37.1227	-121.709	Santa Clara
Yr1	2	9	Laguna Niguel Park Lake	33.54697	-117.705	Orange
Yr1	2	1	Pillsbury, Lake	39.42739	-122.931	Lake
Yr1	2	2	Nicasio Lake	38.08587	-122.732	Marin
Yr1	2	2	Coyote Lake	37.12078	-121.552	Santa Clara
Yr1	2	9	Sutherland, Lake	33.102	-116.774	San Diego
Yr1	2	6	Silverwood Lake	34.28472	-117.334	San Bernardino
Yr1	2	5	Lake of the Pines	39.0356	-121.063	Nevada
Yr1	2	3	Lopez Lake	35.1973	-120.469	San Luis Obispo
Yr1	2	4	Alondra Park Lake	33.8814	-118.334	Los Angeles
Yr1	2	5	Hensley Lake	37.1272	-119.878	Madera
Yr2	3	5	Oroville, Lake	39.5799	-121.36	Butte
Yr2	3	5	Marsh Creek Reservoir	37.88764	-121.726	Contra Costa

Yr2	3	4	Sepulveda Lake	34.1755	-118.473	Los Angeles
Yr2	3	9	Loveland Reservoir	32.7865	-116.768	San Diego
Yr2	3	5	Blue Lakes	39.175	-123.016	Lake
Yr2	3	2	Lexington Reservoir	37.1735	-121.986	Santa Clara
Yr2	3	4	Lindero, Lake	34.1487	-118.79	Los Angeles
Yr2	3	6	Tahoe, Lake (Tahoe Keys)	39.10241	-120.159	Placer, El Dorado
Yr2	3	1	Reservoir F	41.5564	-120.88	Modoc
Yr2	3	5	Modesto Reservoir	37.6629	-120.654	Stanislaus
Yr2	3	8	Hemet, Lake	33.667	-116.694	Riverside
Yr2	3	4	Pyramid Lake	34.6573	-118.785	Los Angeles
Yr2	3	5	Wildwood, Lake	39.2394	-121.21	Nevada
Yr2	3	3	San Antonio, Lake	35.89164	-121.061	Monterey, San Luis Obispo
Yr2	3	4	Puddingstone Reservoir	34.09028	-117.801	Los Angeles
Yr2	3	5	Bass Lake	37.3133	-119.551	Madera
Yr2	3	5	Scotts Flat Reservoir	39.2767	-120.915	Nevada
Yr2	3	2	Calaveras Reservoir	37.4553	-121.805	Alameda, Santa Clara
Yr2	3	4	Echo Park Lake	34.07362	-118.261	Los Angeles
Yr2	3	9	Sweetwater Reservoir	32.6962	-116.987	San Diego
Yr2	3	1	Sonoma, Lake	38.73935	-123.069	Sonoma
Yr2	3	2	Stevens Creek Reservoir	37.2958	-122.079	Santa Clara
Yr2	3	4	Sherwood, Lake	34.1395	-118.868	Ventura
Yr2	3	5	Slab Creek Reservoir	38.7875	-120.676	El Dorado
Yr2	3	5	Siskiyou Lake	41.2801	-122.338	Siskiyou
Yr2	3	5	Tulloch Reservoir	37.8944	-120.572	Calaveras, Tuolumne
Yr2	3	6	Little Rock Reservoir	34.4811	-118.024	Los Angeles
Yr2	3	5	William Pond (Arden Pond)	38.5839	-121.334	Sacramento
Yr2	3	9	Diamond Valley Reservoir	33.68003	-117.027	
Yr2	3	4	Casitas, Lake	34.38277	-119.36	Ventura
Yr2	3	2	Chabot, Lake (San Leandro)	37.72715	-122.103	Alameda
Yr2	3	4	Legg Lake	34.03584	-118.061	Los Angeles
Yr2	3	5	Thermalito Afterbay	39.4566	-121.658	Butte
Yr2	3	2	Ogier Quarry Ponds	37.183	-121.693	Santa Clara
Yr2	3	5	East Park Reservoir	39.3295	-122.507	Colusa
Yr2	3	2	Henne, Lake	38.5877	-122.462	Napa
Yr2	3	5	San Luis Reservoir	37.0436	-121.071	Merced
Yr2	3	7	Wiest Lake	33.04227	-115.49	Imperial
Yr3	4	6	Arrowhead, Lake	34.2565	-117.185	San Bernardino
Yr3	4	5	Amador, Lake	38.2959	-120.875	Amador
Yr3	4	8	Prado Lake	33.94723	-117.648	San Bernardino
Yr3	4	5	Pine Flat Lake	36.8903	-119.26	Fresno
Yr3	4	2	Lower Crystal Springs Reservoir	37.5313	-122.371	San Mateo
Yr3	4	4	Belvedere Park Lake	34.03501	-118.158	Los Angeles
Yr3	4	5	Antelope Lake	40.1784	-120.595	Plumas

Yr3	4	2	Calero Reservoir	37.1805	-121.787	Santa Clara
Yr3	4	9	O'Neill Lake	33.3292	-117.322	San Diego
Yr3	4	5	Stony Gorge Reservoir	39.5413	-122.522	Glenn
Yr3	4	2	Soulejoule Lake	38.1475	-122.777	Marin
Yr3	4	9	Wohlford, Lake	33.1754	-116.989	San Diego
Yr3	4	4	Castaic Lagoon	34.5061	-118.61	Los Angeles
Yr3	4	5	Combie, Lake	39.0067	-121.043	Nevada, Placer
Yr3	4	4	El Dorado Park Lakes	33.82502	-118.085	Los Angeles
Yr3	4	5	Millerton Lake	37.0097	-119.667	Fresno, Madera
Yr3	4	2	Shadow Cliffs Reservoir	37.6696	-121.836	Alameda
Yr3	4	9	El Capitan	32.8826	-116.792	
Yr3	4	5	Indian Valley Reservoir	39.1135	-122.541	Lake
Yr3	4	2	Almaden Reservoir	37.16245	-121.831	Santa Clara
Yr3	4	4	Malibou Lake	34.1071	-118.758	Los Angeles
Yr3	4	5	Union Valley Reservoir	38.8615	-120.405	El Dorado
Yr3	4	6	Pete's Valley Reservoir	40.5442	-120.452	Lassen
Yr3	4	8	Big Bear Lake	34.26334	-116.944	San Bernardino
Yr3	4	5	Castac Lake	34.8353	-118.843	Kern
Yr3	4	4	Peck Road Water Conservation Park	34.1023	-118.013	Los Angeles
Yr3	4	5	New Bullards Bar Reservoir	39.4282	-121.122	Yuba
Yr3	4	2	Del Valle Reservoir	37.57965	-121.694	Alameda
Yr3	4	9	Morena Reservoir	32.686	-116.537	San Diego
Yr3	4	2	Chabot, Lake (Vallejo)	38.13631	-122.236	Solano
Yr3	4	3	Loch Lomond Reservoir	37.1102	-122.065	Santa Cruz
Yr3	4	4	Hughes, Lake	34.6755	-118.447	Los Angeles
Yr3	4	5	Finnon Reservoir	38.7986	-120.749	El Dorado
Yr3	4	1	Shastina, Lake	41.5203	-122.394	Siskiyou
Yr3	4	7	Gene Wash Reservoir	34.2974	-114.172	San Bernardino
Yr3	4	4	Hansen Dam Lake	34.266	-118.388	Los Angeles
Yr3	4	1	Trinity Lake	41.0532	-122.7	Trinity
Yr3	4	8	Perris Reservoir	33.8535	-117.175	Riverside
Yr4	5	5	San Juan Pond	38.6229	-121.287	Sacramento
Yr4	5	2	Lafayette Reservoir	37.8824	-122.141	Contra Costa
Yr4	5	6	Haiwee Reservoir	36.22799	-117.964	Inyo
Yr4	5	5	Robinson Pond	39.4698	-121.598	Butte
Yr4	5	2	Anderson Lake	37.16611	-121.625	Santa Clara
Yr4	5	9	Miramar Reservoir	32.91573	-117.101	
Yr4	5	1	Mendocino, Lake	39.23517	-123.008	Mendocino
Yr4	5	1	Spring Lake	38.4557	-122.653	Sonoma
Yr4	5	9	Lake Henshaw	33.23756	-116.75	
Yr4	5	6	Gregory, Lake	34.2421	-117.271	San Bernardino
Yr4	5	1	Dead Lake	41.7836	-124.227	Del Norte
Yr4	5	4	Harbor Lake (Machado Lake)	33.78752	-118.293	Los Angeles

Yr4	5	5	Almanor, Lake	40.2289	-121.155	Plumas
Yr4	5	5	Contra Loma Reservoir	37.9744	-121.827	Contra Costa
Yr4	5	9	Murray Reservoir	32.78679	-117.043	
Yr4	5	5	Lower Blue Lake (Lake County)	39.1642	-123	Lake
Yr4	5	3	Uvas Reservoir	37.0757	-121.703	Santa Clara
Yr4	5	4	Calabasas Lake	34.1531	-118.638	Los Angeles
Yr4	5	5	California, Lake	40.3444	-122.201	Tehama
Yr4	5	5	Bethany Reservoir	37.77752	-121.608	
Yr4	5	9	Cuyamaca, Lake	32.98754	-116.582	
Yr4	5	4	Piru, Lake	34.463	-118.75	Ventura
Yr4	5	3	Oso Flaco Lake	35.03054	-120.622	San Luis Obispo
Yr4	5	5	Paradise Lake	39.8584	-121.582	Butte
Yr4	5	5	Los Vaqueros Reservoir	37.8169	-121.738	Contra Costa
Yr4	5	4	Toluca Lake	34.1466	-118.349	Los Angeles
Yr4	5	9	Lower Otay Reservoir	32.6193	-116.916	San Diego
Yr4	5	5	Clear Lake	39.1156	-122.829	Lake
Yr4	5	4	Westlake Lake	34.1425	-118.829	Los Angeles, Ventura
Yr4	5	5	Jenkinson Lake	38.7214	-120.553	El Dorado
Yr4	5	5	Turlock Lake	37.5961	-120.57	Stanislaus
Yr4	5	8	Irvine Lake	33.7684	-117.714	Orange
Yr4	5	5	Rollins Reservoir	39.1546	-120.932	Nevada, Placer
Yr4	5	3	Hernandez Reservoir	36.39302	-120.834	San Benito
Yr4	5	5	Kaweah, Lake	36.4	-118.966	Tulare
Yr4	5	5	Englebright Lake	39.2832	-121.235	Yuba, Nevada
Yr4	5	2	Bon Tempe Lake	37.9558	-122.6	Marin
Yr4	5	4	Lincoln Park Lake	34.06667	-118.202	Los Angeles
Yr5	1	9	Barrett	32.69173	-116.665	
Yr5	1	5	Berryessa, Lake	38.6054	-122.042	Napa
Yr5	1	4	Elizabeth Lake	34.666	-118.403	Los Angeles
Yr5	1	5	New Melones Lake	37.9919	-120.507	Calaveras, Tuolumne
Yr5	1	5	McSwain, Lake	37.5164	-120.295	Mariposa
Yr5	1	5	Beach Lake	38.44068	-121.485	Sacramento
Yr5	1	1	Copco Lake	41.98125	-122.302	Siskiyou
Yr5	1	5	Brite Valley Lake	35.1069	-118.543	Kern
Yr5	1	5	Camp Far West Reservoir	39.0339	-121.283	Yuba, Placer, Nevada
Yr5	1	4	La Mirada Park Lake	33.904	-118.004	Los Angeles
Yr5	1	7	Sunbeam Lake	32.7846	-115.688	Imperial
Yr5	1	5	O'Neill Forebay	37.0762	-121.039	Merced
Yr5	1	5	Camanche Reservoir	38.2186	-120.95	San Joaquin, Amador, Calaveras
Yr5	1	3	Santa Margarita Lake	35.3216	-120.464	San Luis Obispo
Yr5	1	5	Eastman Lake	37.2245	-119.978	Madera, Mariposa
Yr5	1	5	Butt Valley Reservoir	40.1326	-121.166	Plumas
Yr5	1	4	Balboa, Lake	34.1816	-118.495	Los Angeles

Yr5	1	1	Ruth Lake	40.3161	-123.392	Trinity
Yr5	1	5	Woodward Reservoir	37.8558	-120.86	Stanislaus
Yr5	1	5	Zayak/Swan Lake	39.1356	-121.133	Nevada
Yr5	1	3	Nacimiento, Lake	35.75692	-121.005	San Luis Obispo
Yr5	1	4	Cerritos Park Lake	33.8513	-118.061	Los Angeles
Yr5	1	5	545TU0164-BOG Other Lake 164	36.8653	-119.807	Madera
Yr5	1	4	Ken Hahn Park Lake	34.0086	-118.364	Los Angeles
Yr5	1	2	Vasona Reservoir	37.24578	-121.968	Santa Clara
Yr5	1	5	Britton, Lake	41.0202	-121.626	Shasta
Yr5	1	5	Don Pedro Reservoir	37.6981	-120.375	Tuolumne
Yr5	1	4	Castaic Lake	34.5249	-118.599	Los Angeles
Yr5	1	5	Folsom Lake	38.7396	-121.093	Sacramento, Placer, El Dorado
Yr5	1	4	Santa Fe Reservoir	34.1171	-117.955	Los Angeles
Yr5	1	5	Success Lake	36.0791	-118.913	Tulare
Yr5	1	9	San Marcos, Lake	33.12698	-117.204	San Diego
Yr5	1	3	Roberts Lake (Laguna Del Rey)	36.60746	-121.858	Monterey
Yr5	1	5	Shasta Lake	40.8253	-122.398	Shasta
Yr5	1	5	McClure, Lake	37.6624	-120.21	Mariposa

Appendix 2a: Concise summary of sport fish results for the 2015 bass lakes survey: composites or means at each location

Map Label	Regional Board	Station Name	Location Code	Sample Type	Sample Year	Common Name	Mercury (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)
1	1	Copco Lake	NA	350 mm Length-Adjusted	2015	Largemouth Bass	0.33				
4	1	Ruth Lake	NA	350 mm Length-Adjusted	2015	Largemouth Bass	0.40				
17	2	Lake Vasona	NA	Composite	2015	Common Carp	0.04	224	37	0.8	27
17	2	Lake Vasona	NA	Composite	2015	Common Carp	0.04	473	81	1.5	59
17	2	Lake Vasona	NA	350 mm Length-Adjusted	2015	Largemouth Bass	0.14				
22a	3	Lake Nacimiento	L1	350 mm Length-Adjusted L1	2015	Spotted Bass	0.82				
22b	3	Lake Nacimiento	L2	350 mm Length-Adjusted L2	2015	Spotted Bass	1.11				
23	3	Santa Margarita Lake	NA	350 mm Length-Adjusted	2017	Largemouth Bass	0.41				
25a	4	Castaic Lake	L1	Composite L1	2015	Common Carp	0.13	4.8	3.6	0.0	0.4
25b	4	Castaic Lake	L2	Composite L2	2015	Common Carp	0.10	0.4	3.5	0.0	0.4
25a	4	Castaic Lake	L1	350 mm Length-Adjusted L1	2015	Largemouth Bass	0.39				
25b	4	Castaic Lake	L2	350 mm Length-Adjusted L2	2015	Largemouth Bass	0.33				
32	4	Cerritos Park Lake	NA	Composite	2015	Common Carp	0.03	28	74	0.0	3.0
32	4	Cerritos Park Lake	NA	350 mm Length-Adjusted	2015	Largemouth Bass	0.10				
30	4	Ken Hahn Park Lake	NA	Composite	2015	Common Carp	0.03	6.7	5.4	0.0	2.6
30	4	Ken Hahn Park Lake	NA	350 mm Length-Adjusted	2015	Largemouth Bass	0.15				
31	4	La Mirada Park Lake	NA	350 mm Length-Adjusted	2016	Largemouth Bass	0.29				
29	4	Santa Fe Reservoir	NA	Composite	2015	Common Carp		5.0	2.4	0.0	0.0
29	4	Santa Fe Reservoir	NA	350 mm Length-Adjusted	2015	Largemouth Bass	0.41				
20	5	545TU0164-BOG Other Lake 164	NA	350 mm Length-Adjusted	2016	Largemouth Bass	0.21				
10	5	Beach Lake	NA	350 mm Length-Adjusted	2015	Largemouth Bass	0.12				
24	5	Brite Valley Lake	NA	350 mm Length-Adjusted	2015	Largemouth Bass	0.30				
5	5	Butt Valley Reservoir	NA	350 mm Length-Adjusted	2015	Smallmouth Bass	0.10				
11a	5	Camanche Reservoir	L1	350 mm Length-Adjusted L1	2015	Largemouth Bass	0.14				
11b	5	Camanche Reservoir	L2	350 mm Length-Adjusted L2	2015	Largemouth Bass	0.20				
7a	5	Camp Far West Reservoir	L1	350 mm Length-Adjusted L1	2015	Smallmouth Bass	0.55				
7b	5	Camp Far West Reservoir	L2	350 mm Length-Adjusted L2	2015	Smallmouth Bass	0.67				
14a	5	Don Pedro Reservoir	L1	350 mm Length-Adjusted L1	2015	Largemouth Bass	0.36				
14b	5	Don Pedro Reservoir	L2	350 mm Length-Adjusted L2	2015	Largemouth Bass	0.43				
18a	5	Eastman Lake_BOG	L1	350 mm Length-Adjusted L1	2015	Largemouth Bass	0.29				
18b	5	Eastman Lake_BOG	L2	350 mm Length-Adjusted L2	2015	Largemouth Bass	0.29				
8a	5	Folsom Lake	L1	350 mm Length-Adjusted L1	2015	Smallmouth Bass	0.46				
8b	5	Folsom Lake	L2	350 mm Length-Adjusted L2	2015	Smallmouth Bass	0.53				
9a	5	Lake Berryessa	L1	350 mm Length-Adjusted L1	2015	Largemouth Bass	0.63				
9b	5	Lake Berryessa	L2	350 mm Length-Adjusted L2	2015	Largemouth Bass	0.55				
9c	5	Lake Berryessa	L3	350 mm Length-Adjusted L3	2015	Largemouth Bass	0.66				
2	5	Lake Britton	NA	350 mm Length-Adjusted	2015	Smallmouth Bass	0.10				
15a	5	Lake McClure	L1	350 mm Length-Adjusted L1	2015	Largemouth Bass	0.58				
15b	5	Lake McClure	L2	350 mm Length-Adjusted L2	2015	Largemouth Bass	0.52				
15c	5	Lake McClure	L3	350 mm Length-Adjusted L3	2015	Largemouth Bass	0.36				
16	5	Lake McSwain	NA	350 mm Length-Adjusted	2015	Smallmouth Bass	0.25				
12a	5	New Melones Lake	L1	350 mm Length-Adjusted L1	2015	Largemouth Bass	0.41				
12b	5	New Melones Lake	L2	350 mm Length-Adjusted L2	2015	Largemouth Bass	0.36				
19a	5	O'Neill Forebay	L1	Composite L1	2015	Common Carp	0.04	52	6.4	0.6	0.0
19b	5	O'Neill Forebay	L2	Composite L2	2015	Common Carp	0.04	49	6.2	0.6	0.0

Map Label	Regional Board	Station Name	Location Code	Sample Type	Sample Year	Common Name	Mercury (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)
19a	5	O'Neill Forebay	L1	350 mm Length-Adjusted L1	2015	Largemouth Bass	0.24				
19b	5	O'Neill Forebay	L2	350 mm Length-Adjusted L2	2015	Largemouth Bass	0.29				
3a	5	Shasta Lake	L1	350 mm Length-Adjusted L1	2015	Smallmouth Bass	0.13				
3b	5	Shasta Lake	L2	350 mm Length-Adjusted L2	2015	Smallmouth Bass	0.19				
3c	5	Shasta Lake	L3	350 mm Length-Adjusted L3	2015	Smallmouth Bass	0.31				
3d	5	Shasta Lake	L4	350 mm Length-Adjusted L4	2015	Smallmouth Bass	0.24				
21	5	Success Lake	NA	350 mm Length-Adjusted	2015	Largemouth Bass	0.27				
13	5	Woodward Reservoir	NA	350 mm Length-Adjusted	2015	Largemouth Bass	0.25				
6	5	Zayak/Swan Lake	NA	350 mm Length-Adjusted	2015	Largemouth Bass	1.16				
26a	7	Lake Havasu_BOG	L1	350 mm Length-Adjusted L1	2015	Largemouth Bass	0.08				
26b	7	Lake Havasu_BOG	L2	350 mm Length-Adjusted L2	2015	Largemouth Bass	0.07				
26c	7	Lake Havasu_BOG	L3	350 mm Length-Adjusted L3	2015	Largemouth Bass	0.09				
26d	7	Lake Havasu_BOG	L4	350 mm Length-Adjusted L4	2015	Largemouth Bass	0.17				
34	7	Sunbeam Lake	NA	350 mm Length-Adjusted	2015	Largemouth Bass	0.10				
35	9	Barrett Lake	NA	350 mm Length-Adjusted	2015	Largemouth Bass	0.17				
33	9	Lake San Marcos	NA	350 mm Length-Adjusted	2015	Largemouth Bass	0.06				

Appendix 2b: Concise summary of prey fish results for the 2015 bass lakes survey: composites or means at each location

Yellow highlighting indicates results for lakes that could not be sampled in 2015, but were sampled in later years.

Note: Yellow highlighting indicates results for lakes that could not be sampled in 2015, but were sampled in later years.

Map Label	Regional Board	Station Name	Location Code	Sample Type	Sample Year	Common Name	SampleID	Mercury (µg/g ww)	Selenium (µg/g ww)
1	1	Copco Lake	NA	Composite	2015	Largemouth Bass	C1_105PCL181BOG15LMB	0.05	
1	1	Copco Lake	NA	Composite	2015	Redear Sunfish	C1_105PCL181BOG15RES	0.03	
1	1	Copco Lake	NA	Composite	2015	Yellow Perch	C1_105PCL181BOG15YPR	0.06	
4	1	Ruth Lake	NA	Composite	2015	Bluegill	C1_109PRL193BOG15BGL	0.10	
4	1	Ruth Lake	NA	Composite	2015	Brown Bullhead	C1_109PRL193BOG15BRB	0.10	
4	1	Ruth Lake	NA	Composite	2015	Smallmouth Bass	C1_109PRL193BOG15SMB	0.08	
17	2	Lake Vasona	NA	Composite	2015	Bluegill	C1_205PLV218BOG15BGL	0.01	
17	2	Lake Vasona	NA	Composite	2015	Largemouth Bass	C1_205PLV218BOG15LMB	0.02	
17	2	Lake Vasona	NA	Composite	2015	Silverside	C1_205PLV218BOG15MSS	0.01	
22c	3	Lake Nacimiento	NA	Composite	2015	Bluegill	C1_309PLN060BOG15BGL	0.18	
22c	3	Lake Nacimiento	NA	Composite	2015	Spotted Bass	C1_309PLN060BOG15SPB	0.19	
22c	3	Lake Nacimiento	NA	Composite	2015	Threadfin Shad	C1_309PLN060BOG15TFS	0.20	
23	3	Santa Margarita Lake	NA	Composite	2017	Bluegill	C1_309PSM206BOG15BGL	0.11	0.92
23	3	Santa Margarita Lake	NA	Composite	2017	Largemouth Bass	C1_309PSM206BOG15LMB	0.22	0.86
23	3	Santa Margarita Lake	NA	Composite	2017	Sacramento Sucker	C1_309PSM206BOG15SAS	0.05	1.28
23	3	Santa Margarita Lake	NA	Composite	2017	Threadfin Shad	C1_309PSM206BOG15TFS	0.21	0.31
28	4	Balboa Lake	NA	Composite	2015	Convict Cichlid	C1_412BALBOABOG15COV	0.01	
28	4	Balboa Lake	NA	Composite	2015	Green Sunfish	C1_412BALBOABOG15GRS	0.01	
25c	4	Castaic Lake	NA	Composite	2015	Bluegill	C1_403CASTLKBOG15BGL	0.03	
25c	4	Castaic Lake	NA	Composite	2015	Largemouth Bass	C2_403CASTLKBOG15LMB	0.06	
25c	4	Castaic Lake	NA	Composite	2015	Silverside	C1_403CASTLKBOG15ISS	0.04	
32	4	Cerritos Park Lake	NA	Composite	2015	Bluegill	C2_405CERRLKBOG15BGL	0.00	
32	4	Cerritos Park Lake	NA	Composite	2015	Threadfin Shad	C1_405CERRLKBOG15TFS	0.01	
30	4	Ken Hahn Park Lake	NA	Composite	2015	Bluegill	C2_404KHANPKBOG15BGL	0.02	
30	4	Ken Hahn Park Lake	NA	Composite	2015	Largemouth Bass	C2_404KHANPKBOG15LMB	0.02	
31	4	La Mirada Park Lake	NA	Composite	2016	Bluegill	C1_405LAMIRABOG15BGL	0.03	0.51
31	4	La Mirada Park Lake	NA	Composite	2016	Largemouth Bass	C1_405LAMIRABOG15LMB	0.02	0.77
29	4	Santa Fe Reservoir	NA	Composite	2015	Bluegill	C2_405PSF067BOG15BGL	0.10	
29	4	Santa Fe Reservoir	NA	Composite	2015	Green Sunfish	C1_405PSF067BOG15GRS	0.29	
29	4	Santa Fe Reservoir	NA	Composite	2015	Largemouth Bass	C2_405PSF067BOG15LMB	0.04	
20	5	545TU0164-BOG Other Lake 164	NA	Composite	2016	Bluegill	C1_545TU0164BOG15BGL	0.03	0.34
20	5	545TU0164-BOG Other Lake 164	NA	Composite	2016	Sculpin	C1_545TU0164BOG15SCP	0.03	0.52
10	5	Beach Lake	NA	Composite	2015	Bluegill	C1_510BECHLKBOG15BGL	0.02	
10	5	Beach Lake	NA	Composite	2015	Silverside	C1_510BECHLKBOG15MSS	0.01	
10	5	Beach Lake	NA	Composite	2015	Threadfin Shad	C1_510BECHLKBOG15TFS	0.00	
24	5	Brite Valley Lake	NA	Composite	2015	Largemouth Bass	C1_556PBV122BOG15LMB	0.05	
24	5	Brite Valley Lake	NA	Composite	2015	White Crappie	C1_556PBV122BOG15WCR	0.03	
5	5	Butt Valley Reservoir	NA	Composite	2015	Silverside	C1_518PBV109BOG15MSS	0.01	
5	5	Butt Valley Reservoir	NA	Composite	2015	Smallmouth Bass	C1_518PBV109BOG15SMB	0.02	
11c	5	Camanche Reservoir	NA	Composite	2015	Bluegill	C1_531PCR145BOG15BGL	0.01	
11c	5	Camanche Reservoir	NA	Composite	2015	Green Sunfish	C1_531PCR145BOG15GRS	0.02	
11c	5	Camanche Reservoir	NA	Composite	2015	Largemouth Bass	C1_531PCR145BOG15LMB	0.01	
11c	5	Camanche Reservoir	NA	Composite	2015	Threadfin Shad	C1_531PCR145BOG15TFS	0.01	
7c	5	Camp Far West Reservoir	NA	Composite	2015	Bluegill	C1_516PCF037BOG15BLG	0.07	
7c	5	Camp Far West Reservoir	NA	Composite	2015	Smallmouth Bass	C1_516PCF037BOG15SMB	0.07	
7c	5	Camp Far West Reservoir	NA	Composite	2015	Threadfin Shad	C1_516PCF037BOG15TFS	0.13	
14c	5	Don Pedro Reservoir	NA	Composite	2015	Largemouth Bass	C1_536PDP167BOG15LMB	0.02	
14c	5	Don Pedro Reservoir	NA	Composite	2015	Threadfin Shad	C1_536PDP167BOG15TFS	0.05	
18c	5	Eastman Lake_BOG	NA	Composite	2015	Bluegill	C1_539PEL194BOG15BGL	0.02	
18c	5	Eastman Lake_BOG	NA	Composite	2015	Largemouth Bass	C1_539PEL194BOG15LMB	0.02	
8c	5	Folsom Lake	NA	Composite	2015	Bluegill	C1_514PFL177BOG15BGL	0.03	
8c	5	Folsom Lake	NA	Composite	2015	Smallmouth Bass	C1_514PFL177BOG15SMB	0.04	
8c	5	Folsom Lake	NA	Composite	2015	Threadfin Shad	C1_514PFL177BOG15TFS	0.01	
9d	5	Lake Berryessa	NA	Composite	2015	Bluegill	C1_511PLB077BOG15BGL	0.03	
9d	5	Lake Berryessa	NA	Composite	2015	Largemouth Bass	C1_511PLB077BOG15LMB	0.04	
9d	5	Lake Berryessa	NA	Composite	2015	Threadfin Shad	C1_511PLB077BOG15TFS	0.08	
2	5	Lake Britton	NA	Composite	2015	Bluegill	C1_526PLB101BOG15BGL	0.01	
2	5	Lake Britton	NA	Composite	2015	Smallmouth Bass	C1_526PLB101BOG15SMB	0.02	
15d	5	Lake McClure	NA	Composite	2015	Bluegill	C1_537PLM215BOG15BGL	0.03	
15d	5	Lake McClure	NA	Composite	2015	Largemouth Bass	C1_537PLM215BOG15LMB	0.04	
15d	5	Lake McClure	NA	Composite	2015	Threadfin Shad	C1_537PLM215BOG15TFS	0.04	
16	5	Lake McSwain	NA	Composite	2015	Green Sunfish	C1_537PLM116BOG15GRS	0.01	
16	5	Lake McSwain	NA	Composite	2015	Smallmouth Bass	C1_537PLM116BOG15SMB	0.02	
16	5	Lake McSwain	NA	Composite	2015	Threadfin Shad	C1_537PLM116BOG15TFS	0.01	
12c	5	New Melones Lake	NA	Composite	2015	Bluegill	C1_534PNM092BOG15BGL	0.03	
12c	5	New Melones Lake	NA	Composite	2015	Largemouth Bass	C1_534PNM092BOG15LMB	0.02	
12c	5	New Melones Lake	NA	Composite	2015	Threadfin Shad	C1_534PNM092BOG15TFS	0.05	
19c	5	O'Neill Forebay	NA	Composite	2015	Bluegill	C1_541POF104BOG15BGL	0.02	
19c	5	O'Neill Forebay	NA	Composite	2015	Largemouth Bass	C1_541POF104BOG15LMB	0.01	
19c	5	O'Neill Forebay	NA	Composite	2015	Silverside	C1_541POF104BOG15MSS	0.01	
3e	5	Shasta Lake	NA	Composite	2015	Bluegill	C1_506PSH018BOG15BGL	0.04	
3e	5	Shasta Lake	NA	Composite	2015	Green Sunfish	C1_506PSH018BOG15GRS	0.01	
3e	5	Shasta Lake	NA	Composite	2015	Smallmouth Bass	C1_506PSH018BOG15SMB	0.06	
3e	5	Shasta Lake	NA	Composite	2015	Threadfin Shad	C1_506PSH018BOG15TFS	0.05	
21	5	Success Lake	NA	Composite	2015	Channel Catfish	C1_555PSL174BOG15CHC	0.03	

Note: Yellow highlighting indicates results for lakes that could not be sampled in 2015, but were sampled in later years.

Map Label	Regional Board	Station Name	Location Code	Sample Type	Sample Year	Common Name	SampleID	Mercury (µg/g ww)	Selenium (µg/g ww)
21	5	Success Lake	NA	Composite	2015	Green Sunfish	C1_555PSL174BOG15GRS	0.03	
21	5	Success Lake	NA	Composite	2015	Largemouth Bass	C1_555PSL174BOG15LMB	0.02	
13	5	Woodward Reservoir	NA	Composite	2015	Bluegill	C1_535PWR185BOG15BGL	0.05	
13	5	Woodward Reservoir	NA	Composite	2015	Largemouth Bass	C1_535PWR185BOG15LMB	0.04	
13	5	Woodward Reservoir	NA	Composite	2015	Threadfin Shad	C1_535PWR185BOG15TFS	0.06	
6	5	Zayak/Swan Lake	NA	Composite	2015	Bluegill	C1_516TU0173BOG15BGL	0.17	
6	5	Zayak/Swan Lake	NA	Composite	2015	Largemouth Bass	C1_516TU0173BOG15LMB	0.18	
27e	7	Lake Havasu_BOG	NA	Composite	2015	Bluegill	C1_714PLH216BOG15BGL	0.02	
27e	7	Lake Havasu_BOG	NA	Composite	2015	Largemouth Bass	C1_714PLH216BOG15LMB	0.02	
27e	7	Lake Havasu_BOG	NA	Composite	2015	Threadfin Shad	C1_714PLH216BOG15TFS	0.02	
34	7	Sunbeam Lake	NA	Composite	2015	Bluegill	C1_723SUNBLKBOG15BGL	0.02	
34	7	Sunbeam Lake	NA	Composite	2015	Largemouth Bass	C1_723SUNBLKBOG15LMB	0.02	
35	9	Barrett Lake	NA	Composite	2015	Silverside	C1_911PBL166BOG15MSS	0.03	
35	9	Barrett Lake	NA	Composite	2015	Threadfin Shad	C1_911PBL166BOG15TFS	0.01	
33	9	Lake San Marcos	NA	Composite	2015	Bluegill	C1_904SAMRLKBOG15BGL	0.01	
33	9	Lake San Marcos	NA	Composite	2015	Largemouth Bass	C1_904SAMRLKBOG15LMB	0.01	
33	9	Lake San Marcos	NA	Composite	2015	Threadfin Shad	C1_904SAMRLKBOG15TFS	0.01	

Appendix 3a: Sport fish results from the 2015 bass lakes survey: composites or means at each location

Map Label	Regional Board	Sample Year	Station Name	Location Code	Sample Type	Common Name	SampleID	Number Of Fish In Sample	Tissue Name	Prep	Parameter	Result	Unit Name	Lipid Pct	Lipid Wt. Concentration	Total Length Average (mm)	Number of Congeners
1	1	2015	Copco Lake	NA	350 mm Length-Adjusted	Largemouth Bass	NA	10	fillet	Skin off	MERCURY	0.33	ug/g ww			350	
4	1	2015	Ruth Lake	NA	350 mm Length-Adjusted	Largemouth Bass	NA	11	fillet	Skin off	MERCURY	0.40	ug/g ww			350	
17	2	2015	Lake Vasona	NA	Composite	Common Carp	C2_205PLV218BOG15CAR	5	fillet	Skin off	DIELDRIN	1.52	ng/g ww			586	
17	2	2015	Lake Vasona	NA	Composite	Common Carp	C2_205PLV218BOG15CAR	5	fillet	Skin off	CHLORDANE	58.70	ng/g ww			586	5
17	2	2015	Lake Vasona	NA	Composite	Common Carp	C2_205PLV218BOG15CAR	5	fillet	Skin off	DDT	81.34	ng/g ww			586	6
17	2	2015	Lake Vasona	NA	Composite	Common Carp	C2_205PLV218BOG15CAR	5	fillet	Skin off	PCB	473.13	ng/g ww	6.8	7009	586	51
17	2	2015	Lake Vasona	NA	Composite	Common Carp	C2_205PLV218BOG15CAR	5	fillet	Skin off	MERCURY	0.04	ug/g ww			586	
17	2	2015	Lake Vasona	NA	Composite	Common Carp	C1_205PLV218BOG15CAR	5	fillet	Skin off	DIELDRIN	0.76	ng/g ww			589	
17	2	2015	Lake Vasona	NA	Composite	Common Carp	C1_205PLV218BOG15CAR	5	fillet	Skin off	CHLORDANE	26.94	ng/g ww			589	5
17	2	2015	Lake Vasona	NA	Composite	Common Carp	C1_205PLV218BOG15CAR	5	fillet	Skin off	DDT	37.17	ng/g ww			589	6
17	2	2015	Lake Vasona	NA	Composite	Common Carp	C1_205PLV218BOG15CAR	5	fillet	Skin off	PCB	224.16	ng/g ww	3.3	6855	589	51
17	2	2015	Lake Vasona	NA	Composite	Common Carp	C1_205PLV218BOG15CAR	5	fillet	Skin off	MERCURY	0.04	ug/g ww			589	
17	2	2015	Lake Vasona	NA	350 mm Length-Adjusted	Largemouth Bass	NA	11	fillet	Skin off	MERCURY	0.14	ug/g ww			350	
22a	3	2015	Lake Nacimiento	L1	350 mm Length-Adjusted L1	Spotted Bass	NA	13	fillet	Skin off	MERCURY	0.82	ug/g ww			350	
22b	3	2015	Lake Nacimiento	L2	350 mm Length-Adjusted L2	Spotted Bass	NA	11	fillet	Skin off	MERCURY	1.11	ug/g ww			350	
23	3	2017	Santa Margarita Lake	NA	350 mm Length-Adjusted	Largemouth Bass	NA	11	fillet	Skin off	MERCURY	0.41	ug/g ww			350	
25a	4	2015	Castaic Lake	L1	Composite L1	Common Carp	C1_403CASTLKL1BOG15CAR	5	fillet	Skin off	DIELDRIN	0.00	ng/g ww			583	
25a	4	2015	Castaic Lake	L1	Composite L1	Common Carp	C1_403CASTLKL1BOG15CAR	5	fillet	Skin off	CHLORDANE	0.40	ng/g ww			583	5
25a	4	2015	Castaic Lake	L1	Composite L1	Common Carp	C1_403CASTLKL1BOG15CAR	5	fillet	Skin off	DDT	3.60	ng/g ww			583	6
25a	4	2015	Castaic Lake	L1	Composite L1	Common Carp	C1_403CASTLKL1BOG15CAR	5	fillet	Skin off	PCB	4.77	ng/g ww	2.3	211	583	51
25a	4	2015	Castaic Lake	L1	Composite L1	Common Carp	C1_403CASTLKL1BOG15CAR	5	fillet	Skin off	MERCURY	0.13	ug/g ww			583	
25b	4	2015	Castaic Lake	L2	Composite L2	Common Carp	C1_403CASTLKL2BOG15CAR	5	fillet	Skin off	DIELDRIN	0.00	ng/g ww			590	
25b	4	2015	Castaic Lake	L2	Composite L2	Common Carp	C1_403CASTLKL2BOG15CAR	5	fillet	Skin off	CHLORDANE	0.39	ng/g ww			590	5
25b	4	2015	Castaic Lake	L2	Composite L2	Common Carp	C1_403CASTLKL2BOG15CAR	5	fillet	Skin off	PCB	0.40	ng/g ww	1.7	23	590	51
25b	4	2015	Castaic Lake	L2	Composite L2	Common Carp	C1_403CASTLKL2BOG15CAR	5	fillet	Skin off	DDT	3.50	ng/g ww			590	6
25b	4	2015	Castaic Lake	L2	Composite L2	Common Carp	C1_403CASTLKL2BOG15CAR	5	fillet	Skin off	MERCURY	0.10	ug/g ww			590	
25a	4	2015	Castaic Lake	L1	350 mm Length-Adjusted L1	Largemouth Bass	NA	11	fillet	Skin off	MERCURY	0.39	ug/g ww			350	
25b	4	2015	Castaic Lake	L2	350 mm Length-Adjusted L2	Largemouth Bass	NA	11	fillet	Skin off	MERCURY	0.33	ug/g ww			350	
32	4	2015	Cerritos Park Lake	NA	Composite	Common Carp	C1_405CERRLKBOG15CAR	4	fillet	Skin off	DIELDRIN	0.00	ng/g ww			757	
32	4	2015	Cerritos Park Lake	NA	Composite	Common Carp	C1_405CERRLKBOG15CAR	4	fillet	Skin off	CHLORDANE	2.96	ng/g ww			757	5
32	4	2015	Cerritos Park Lake	NA	Composite	Common Carp	C1_405CERRLKBOG15CAR	4	fillet	Skin off	PCB	27.76	ng/g ww	5.9	468	757	51
32	4	2015	Cerritos Park Lake	NA	Composite	Common Carp	C1_405CERRLKBOG15CAR	4	fillet	Skin off	DDT	73.93	ng/g ww			757	6
32	4	2015	Cerritos Park Lake	NA	Composite	Common Carp	C1_405CERRLKBOG15CAR	4	fillet	Skin off	MERCURY	0.03	ug/g ww			757	
32	4	2015	Cerritos Park Lake	NA	350 mm Length-Adjusted	Largemouth Bass	NA	12	fillet	Skin off	MERCURY	0.10	ug/g ww			350	
30	4	2015	Ken Hahn Park Lake	NA	Composite	Common Carp	C1_404KHANPKBOG15CAR	3	fillet	Skin off	DIELDRIN	0.00	ng/g ww			722	
30	4	2015	Ken Hahn Park Lake	NA	Composite	Common Carp	C1_404KHANPKBOG15CAR	3	fillet	Skin off	CHLORDANE	2.56	ng/g ww			722	5
30	4	2015	Ken Hahn Park Lake	NA	Composite	Common Carp	C1_404KHANPKBOG15CAR	3	fillet	Skin off	DDT	5.41	ng/g ww			722	6
30	4	2015	Ken Hahn Park Lake	NA	Composite	Common Carp	C1_404KHANPKBOG15CAR	3	fillet	Skin off	PCB	6.68	ng/g ww	8.8	76	722	51
30	4	2015	Ken Hahn Park Lake	NA	Composite	Common Carp	C1_404KHANPKBOG15CAR	3	fillet	Skin off	MERCURY	0.03	ug/g ww			722	
30	4	2015	Ken Hahn Park Lake	NA	350 mm Length-Adjusted	Largemouth Bass	NA	12	fillet	Skin off	MERCURY	0.15	ug/g ww			350	
31	4	2016	La Mirada Park Lake	NA	350 mm Length-Adjusted	Largemouth Bass	NA	12	fillet	Skin off	MERCURY	0.29	ug/g ww			350	
29	4	2015	Santa Fe Reservoir	NA	Composite	Common Carp	C1_405PSF067BOG15CAR	5	fillet	Skin off	DIELDRIN	0.00	ng/g ww			651	
29	4	2015	Santa Fe Reservoir	NA	Composite	Common Carp	C1_405PSF067BOG15CAR	5	fillet	Skin off	CHLORDANE	0.00	ng/g ww			651	5
29	4	2015	Santa Fe Reservoir	NA	Composite	Common Carp	C1_405PSF067BOG15CAR	5	fillet	Skin off	DDT	2.37	ng/g ww			651	6
29	4	2015	Santa Fe Reservoir	NA	Composite	Common Carp	C1_405PSF067BOG15CAR	5	fillet	Skin off	PCB	5.00	ng/g ww	1.1	446	651	51
29	4	2015	Santa Fe Reservoir	NA	350 mm Length-Adjusted	Largemouth Bass	NA	12	fillet	Skin off	MERCURY	0.41	ug/g ww			350	
20	5	2016	545TU0164-BOG Other I	NA	350 mm Length-Adjusted	Largemouth Bass	NA	12	fillet	Skin off	MERCURY	0.21	ug/g ww			350	
10	5	2015	Beach Lake	NA	350 mm Length-Adjusted	Largemouth Bass	NA	11	fillet	Skin off	MERCURY	0.12	ug/g ww			350	
24	5	2015	Brite Valley Lake	NA	350 mm Length-Adjusted	Largemouth Bass	NA	11	fillet	Skin off	MERCURY	0.30	ug/g ww			350	
5	5	2015	Butt Valley Reservoir	NA	350 mm Length-Adjusted	Smallmouth Bass	NA	11	fillet	Skin off	MERCURY	0.10	ug/g ww			350	
11a	5	2015	Camanche Reservoir	L1	350 mm Length-Adjusted L1	Largemouth Bass	NA	11	fillet	Skin off	MERCURY	0.14	ug/g ww			350	
11b	5	2015	Camanche Reservoir	L2	350 mm Length-Adjusted L2	Largemouth Bass	NA	10	fillet	Skin off	MERCURY	0.20	ug/g ww			350	
7a	5	2015	Camp Far West Reservoir	L1	350 mm Length-Adjusted L1	Smallmouth Bass	NA	11	fillet	Skin off	MERCURY	0.55	ug/g ww			350	
7b	5	2015	Camp Far West Reservoir	L2	350 mm Length-Adjusted L2	Smallmouth Bass	NA	11	fillet	Skin off	MERCURY	0.67	ug/g ww			350	
14a	5	2015	Don Pedro Reservoir	L1	350 mm Length-Adjusted L1	Largemouth Bass	NA	9	fillet	Skin off	MERCURY	0.36	ug/g ww			350	
14b	5	2015	Don Pedro Reservoir	L2	350 mm Length-Adjusted L2	Largemouth Bass	NA	10	fillet	Skin off	MERCURY	0.43	ug/g ww			350	
18a	5	2015	Eastman Lake_BOG	L1	350 mm Length-Adjusted L1	Largemouth Bass	NA	11	fillet	Skin off	MERCURY	0.29	ug/g ww			350	
18b	5	2015	Eastman Lake_BOG	L2	350 mm Length-Adjusted L2	Largemouth Bass	NA	11	fillet	Skin off	MERCURY	0.29	ug/g ww			350	
8a	5	2015	Folsom Lake	L1	350 mm Length-Adjusted L1	Smallmouth Bass	NA	11	fillet	Skin off	MERCURY	0.46	ug/g ww			350	
8b	5	2015	Folsom Lake	L2	350 mm Length-Adjusted L2	Smallmouth Bass	NA	11	fillet	Skin off	MERCURY	0.53	ug/g ww			350	
9a	5	2015	Lake Berryessa	L1	350 mm Length-Adjusted L1	Largemouth Bass	NA	11	fillet	Skin off	MERCURY	0.63	ug/g ww			350	
9b	5	2015	Lake Berryessa	L2	350 mm Length-Adjusted L2	Largemouth Bass	NA	11	fillet	Skin off	MERCURY	0.55	ug/g ww			350	

Map Label	Regional Board	Sample Year	Station Name	Location Code	Sample Type	Common Name	SampleID	Number Of Fish In Sample	Tissue Name	Prep	Parameter	Result	Unit Name	Lipid Pct	Lipid Wt. Concentration	Total Length Average (mm)	Number of Congeners
9c	5	2015	Lake Berryessa	L3	350 mm Length-Adjusted L3	Largemouth Bass	NA	11	fillet	Skin off	MERCURY	0.66	ug/g ww			350	
2	5	2015	Lake Britton	NA	350 mm Length-Adjusted	Smallmouth Bass	NA	11	fillet	Skin off	MERCURY	0.10	ug/g ww			350	
15a	5	2015	Lake McClure	L1	350 mm Length-Adjusted L1	Largemouth Bass	NA	11	fillet	Skin off	MERCURY	0.58	ug/g ww			350	
15b	5	2015	Lake McClure	L2	350 mm Length-Adjusted L2	Largemouth Bass	NA	11	fillet	Skin off	MERCURY	0.52	ug/g ww			350	
15c	5	2015	Lake McClure	L3	350 mm Length-Adjusted L3	Largemouth Bass	NA	11	fillet	Skin off	MERCURY	0.36	ug/g ww			350	
16	5	2015	Lake McSwain	NA	350 mm Length-Adjusted	Smallmouth Bass	NA	11	fillet	Skin off	MERCURY	0.25	ug/g ww			350	
12a	5	2015	New Melones Lake	L1	350 mm Length-Adjusted L1	Largemouth Bass	NA	11	fillet	Skin off	MERCURY	0.41	ug/g ww			350	
12b	5	2015	New Melones Lake	L2	350 mm Length-Adjusted L2	Largemouth Bass	NA	11	fillet	Skin off	MERCURY	0.36	ug/g ww			350	
19a	5	2015	O'Neill Forebay	L1	Composite L1	Common Carp	C1_541POF104L1BOG15CAR	5	fillet	Skin off	CHLORDANE	0.00	ng/g ww			398	5
19a	5	2015	O'Neill Forebay	L1	Composite L1	Common Carp	C1_541POF104L1BOG15CAR	5	fillet	Skin off	DIELDRIN	0.57	ng/g ww			398	
19a	5	2015	O'Neill Forebay	L1	Composite L1	Common Carp	C1_541POF104L1BOG15CAR	5	fillet	Skin off	DDT	6.42	ng/g ww			398	6
19a	5	2015	O'Neill Forebay	L1	Composite L1	Common Carp	C1_541POF104L1BOG15CAR	5	fillet	Skin off	PCB	52.09	ng/g ww	1.7	3101	398	51
19a	5	2015	O'Neill Forebay	L1	Composite L1	Common Carp	C1_541POF104L1BOG15CAR	5	fillet	Skin off	MERCURY	0.04	ug/g ww			398	
19b	5	2015	O'Neill Forebay	L2	Composite L2	Common Carp	C1_541POF104L2BOG15CAR	5	fillet	Skin off	CHLORDANE	0.00	ng/g ww			390	5
19b	5	2015	O'Neill Forebay	L2	Composite L2	Common Carp	C1_541POF104L2BOG15CAR	5	fillet	Skin off	DIELDRIN	0.60	ng/g ww			390	
19b	5	2015	O'Neill Forebay	L2	Composite L2	Common Carp	C1_541POF104L2BOG15CAR	5	fillet	Skin off	DDT	6.21	ng/g ww			390	6
19b	5	2015	O'Neill Forebay	L2	Composite L2	Common Carp	C1_541POF104L2BOG15CAR	5	fillet	Skin off	PCB	49.12	ng/g ww	1.6	2995	390	51
19b	5	2015	O'Neill Forebay	L2	Composite L2	Common Carp	C1_541POF104L2BOG15CAR	5	fillet	Skin off	MERCURY	0.04	ug/g ww			390	
19a	5	2015	O'Neill Forebay	L1	350 mm Length-Adjusted L1	Largemouth Bass	NA	11	fillet	Skin off	MERCURY	0.24	ug/g ww			350	
19b	5	2015	O'Neill Forebay	L2	350 mm Length-Adjusted L2	Largemouth Bass	NA	11	fillet	Skin off	MERCURY	0.29	ug/g ww			350	
3a	5	2015	Shasta Lake	L1	350 mm Length-Adjusted L1	Smallmouth Bass	NA	11	fillet	Skin off	MERCURY	0.13	ug/g ww			350	
3b	5	2015	Shasta Lake	L2	350 mm Length-Adjusted L2	Smallmouth Bass	NA	11	fillet	Skin off	MERCURY	0.19	ug/g ww			350	
3c	5	2015	Shasta Lake	L3	350 mm Length-Adjusted L3	Smallmouth Bass	NA	11	fillet	Skin off	MERCURY	0.31	ug/g ww			350	
3d	5	2015	Shasta Lake	L4	350 mm Length-Adjusted L4	Smallmouth Bass	NA	11	fillet	Skin off	MERCURY	0.24	ug/g ww			350	
21	5	2015	Success Lake	NA	350 mm Length-Adjusted	Largemouth Bass	NA	11	fillet	Skin off	MERCURY	0.27	ug/g ww			350	
13	5	2015	Woodward Reservoir	NA	350 mm Length-Adjusted	Largemouth Bass	NA	11	fillet	Skin off	MERCURY	0.25	ug/g ww			350	
6	5	2015	Zayak/Swan Lake	NA	350 mm Length-Adjusted	Largemouth Bass	NA	11	fillet	Skin off	MERCURY	1.16	ug/g ww			350	
26a	7	2015	Lake Havasu_BOG	L1	350 mm Length-Adjusted L1	Largemouth Bass	NA	11	fillet	Skin off	MERCURY	0.08	ug/g ww			350	
26b	7	2015	Lake Havasu_BOG	L2	350 mm Length-Adjusted L2	Largemouth Bass	NA	11	fillet	Skin off	MERCURY	0.07	ug/g ww			350	
26c	7	2015	Lake Havasu_BOG	L3	350 mm Length-Adjusted L3	Largemouth Bass	NA	11	fillet	Skin off	MERCURY	0.09	ug/g ww			350	
26d	7	2015	Lake Havasu_BOG	L4	350 mm Length-Adjusted L4	Largemouth Bass	NA	11	fillet	Skin off	MERCURY	0.17	ug/g ww			350	
34	7	2015	Sunbeam Lake	NA	350 mm Length-Adjusted	Largemouth Bass	NA	11	fillet	Skin off	MERCURY	0.10	ug/g ww			350	
35	9	2015	Barrett Lake	NA	350 mm Length-Adjusted	Largemouth Bass	NA	11	fillet	Skin off	MERCURY	0.17	ug/g ww			350	
33	9	2015	Lake San Marcos	NA	350 mm Length-Adjusted	Largemouth Bass	NA	11	fillet	Skin off	MERCURY	0.06	ug/g ww			350	

Appendix 3b: Prey fish results from the 2015 bass lakes survey: composites at each location

Yellow highlighting indicates results for lakes that could not be sampled in 2015, but were sampled in later years.

Note: Yellow highlighting indicates results for lakes that could not be sampled in 2015, but were sampled in later years.

Map Label	Regional Board	Sample Year	Station Name	Location Code	Sample Type	Common Name	SampleID	Number Of Fish In Sample	Tissue Name	Prep	Parameter	Result	Unit Name	Total Length Average (mm)
1	1	2015	Copco Lake	NA	Composite	Largemouth Bass	C1_105PCL181BOG15LMB	10	whole organism	Skin on, Scales On	MERCURY	0.05	ug/g ww	81
1	1	2015	Copco Lake	NA	Composite	Redear Sunfish	C1_105PCL181BOG15RES	10	whole organism	Skin on, Scales On	MERCURY	0.03	ug/g ww	53
1	1	2015	Copco Lake	NA	Composite	Yellow Perch	C1_105PCL181BOG15YPR	10	whole organism	Skin on, Scales On	MERCURY	0.06	ug/g ww	78
4	1	2015	Ruth Lake	NA	Composite	Bluegill	C1_109PRL193BOG15BGL	10	whole organism	Skin on, Scales On	MERCURY	0.10	ug/g ww	83
4	1	2015	Ruth Lake	NA	Composite	Brown Bullhead	C1_109PRL193BOG15BRB	10	whole organism	Skin on, Scales On	MERCURY	0.10	ug/g ww	75
4	1	2015	Ruth Lake	NA	Composite	Smallmouth Bass	C1_109PRL193BOG15SMB	10	whole organism	Skin on, Scales On	MERCURY	0.08	ug/g ww	62
17	2	2015	Lake Vasona	NA	Composite	Bluegill	C1_205PLV218BOG15BGL	10	whole organism	Skin on, Scales On	MERCURY	0.01	ug/g ww	85
17	2	2015	Lake Vasona	NA	Composite	Largemouth Bass	C1_205PLV218BOG15LMB	10	whole organism	Skin on, Scales On	MERCURY	0.02	ug/g ww	68
17	2	2015	Lake Vasona	NA	Composite	Silverside	C1_205PLV218BOG15MSS	10	whole organism	Skin on, Scales On	MERCURY	0.01	ug/g ww	65
22c	3	2015	Lake Nacimiento	NA	Composite	Bluegill	C1_309PLN060BOG15BGL	10	whole organism	Skin on, Scales On	MERCURY	0.18	ug/g ww	71
22c	3	2015	Lake Nacimiento	NA	Composite	Spotted Bass	C1_309PLN060BOG15SPB	10	whole organism	Skin on, Scales On	MERCURY	0.19	ug/g ww	78
22c	3	2015	Lake Nacimiento	NA	Composite	Threadfin Shad	C1_309PLN060BOG15TFS	10	whole organism	Skin on, Scales On	MERCURY	0.20	ug/g ww	93
23	3	2017	Santa Margarita Lake	NA	Composite	Bluegill	C1_309PSM206BOG15BGL	10	whole organism	Skin on, Scales On	MERCURY	0.11	ug/g ww	54
23	3	2017	Santa Margarita Lake	NA	Composite	Largemouth Bass	C1_309PSM206BOG15LMB	10	whole organism	Skin on, Scales On	MERCURY	0.22	ug/g ww	47
23	3	2017	Santa Margarita Lake	NA	Composite	Sacramento Sucker	C1_309PSM206BOG15SAS	10	whole organism	Skin on, Scales On	MERCURY	0.05	ug/g ww	67
23	3	2017	Santa Margarita Lake	NA	Composite	Threadfin Shad	C1_309PSM206BOG15TFS	10	whole organism	Skin on, Scales On	MERCURY	0.21	ug/g ww	71
23	3	2017	Santa Margarita Lake	NA	Composite	Bluegill	C1_309PSM206BOG15BGL	10	whole organism	Skin on, Scales On	SELENIUM	0.92	ug/g ww	54
23	3	2017	Santa Margarita Lake	NA	Composite	Largemouth Bass	C1_309PSM206BOG15LMB	10	whole organism	Skin on, Scales On	SELENIUM	0.86	ug/g ww	47
23	3	2017	Santa Margarita Lake	NA	Composite	Sacramento Sucker	C1_309PSM206BOG15SAS	10	whole organism	Skin on, Scales On	SELENIUM	1.28	ug/g ww	67
23	3	2017	Santa Margarita Lake	NA	Composite	Threadfin Shad	C1_309PSM206BOG15TFS	10	whole organism	Skin on, Scales On	SELENIUM	0.31	ug/g ww	71
28	4	2015	Balboa Lake	NA	Composite	Convict Cichlid	C1_412BALBOABOG15COV	10	whole organism	Skin on, Scales On	MERCURY	0.01	ug/g ww	74
28	4	2015	Balboa Lake	NA	Composite	Green Sunfish	C1_412BALBOABOG15GRS	10	whole organism	Skin on, Scales On	MERCURY	0.01	ug/g ww	58
25c	4	2015	Castaic Lake	NA	Composite	Bluegill	C1_403CASTLKBOG15BGL	10	whole organism	Skin on, Scales On	MERCURY	0.03	ug/g ww	53
25c	4	2015	Castaic Lake	NA	Composite	Largemouth Bass	C2_403CASTLKBOG15LMB	10	whole organism	Skin on, Scales On	MERCURY	0.06	ug/g ww	89
25c	4	2015	Castaic Lake	NA	Composite	Silverside	C1_403CASTLKBOG15ISS	10	whole organism	Skin on, Scales On	MERCURY	0.04	ug/g ww	85
32	4	2015	Cerritos Park Lake	NA	Composite	Bluegill	C2_405CERRLKBOG15BGL	10	whole organism	Skin on, Scales On	MERCURY	0.00	ug/g ww	88
32	4	2015	Cerritos Park Lake	NA	Composite	Threadfin Shad	C1_405CERRLKBOG15TFS	9	whole organism	Skin on, Scales On	MERCURY	0.01	ug/g ww	113
30	4	2015	Ken Hahn Park Lake	NA	Composite	Bluegill	C2_404KHANPKBOG15BGL	10	whole organism	Skin on, Scales On	MERCURY	0.02	ug/g ww	79
30	4	2015	Ken Hahn Park Lake	NA	Composite	Largemouth Bass	C2_404KHANPKBOG15LMB	10	whole organism	Skin on, Scales On	MERCURY	0.02	ug/g ww	64
31	4	2016	La Mirada Park Lake	NA	Composite	Bluegill	C1_405LAMIRABOG15BGL	10	whole organism	Skin on, Scales On	MERCURY	0.03	ug/g ww	66
31	4	2016	La Mirada Park Lake	NA	Composite	Largemouth Bass	C1_405LAMIRABOG15LMB	10	whole organism	Skin on, Scales On	MERCURY	0.02	ug/g ww	40
31	4	2016	La Mirada Park Lake	NA	Composite	Bluegill	C1_405LAMIRABOG15BGL	10	whole organism	Skin on, Scales On	SELENIUM	0.51	ug/g ww	66
31	4	2016	La Mirada Park Lake	NA	Composite	Largemouth Bass	C1_405LAMIRABOG15LMB	10	whole organism	Skin on, Scales On	SELENIUM	0.77	ug/g ww	40
29	4	2015	Santa Fe Reservoir	NA	Composite	Bluegill	C2_405PSF067BOG15BGL	10	whole organism	Skin on, Scales On	MERCURY	0.10	ug/g ww	66
29	4	2015	Santa Fe Reservoir	NA	Composite	Green Sunfish	C1_405PSF067BOG15GRS	10	whole organism	Skin on, Scales On	MERCURY	0.29	ug/g ww	86
29	4	2015	Santa Fe Reservoir	NA	Composite	Largemouth Bass	C2_405PSF067BOG15LMB	10	whole organism	Skin on, Scales On	MERCURY	0.04	ug/g ww	48
20	5	2016	545TU0164-BOG Other La	NA	Composite	Bluegill	C1_545TU0164BOG15BGL	10	whole organism	Skin on, Scales On	MERCURY	0.03	ug/g ww	51
20	5	2016	545TU0164-BOG Other La	NA	Composite	Sculpin	C1_545TU0164BOG15SCP	7	whole organism	Skin on, Scales On	MERCURY	0.03	ug/g ww	52
20	5	2016	545TU0164-BOG Other La	NA	Composite	Bluegill	C1_545TU0164BOG15BGL	10	whole organism	Skin on, Scales On	SELENIUM	0.34	ug/g ww	51
20	5	2016	545TU0164-BOG Other La	NA	Composite	Sculpin	C1_545TU0164BOG15SCP	7	whole organism	Skin on, Scales On	SELENIUM	0.52	ug/g ww	52
10	5	2015	Beach Lake	NA	Composite	Bluegill	C1_510BECHLKBOG15BGL	10	whole organism	Skin on, Scales On	MERCURY	0.02	ug/g ww	87
10	5	2015	Beach Lake	NA	Composite	Silverside	C1_510BECHLKBOG15MSS	10	whole organism	Skin on, Scales On	MERCURY	0.01	ug/g ww	68
10	5	2015	Beach Lake	NA	Composite	Threadfin Shad	C1_510BECHLKBOG15TFS	10	whole organism	Skin on, Scales On	MERCURY	0.00	ug/g ww	80
24	5	2015	Brite Valley Lake	NA	Composite	Largemouth Bass	C1_556PBV122BOG15LMB	10	whole organism	Skin on, Scales On	MERCURY	0.05	ug/g ww	74
24	5	2015	Brite Valley Lake	NA	Composite	White Crappie	C1_556PBV122BOG15WCR	10	whole organism	Skin on, Scales On	MERCURY	0.03	ug/g ww	64
5	5	2015	Butt Valley Reservoir	NA	Composite	Silverside	C1_518PBV109BOG15MSS	10	whole organism	Skin on, Scales On	MERCURY	0.01	ug/g ww	63
5	5	2015	Butt Valley Reservoir	NA	Composite	Smallmouth Bass	C1_518PBV109BOG15SMB	10	whole organism	Skin on, Scales On	MERCURY	0.02	ug/g ww	82
11c	5	2015	Camanche Reservoir	NA	Composite	Bluegill	C1_531PCR145BOG15BGL	10	whole organism	Skin on, Scales On	MERCURY	0.01	ug/g ww	91
11c	5	2015	Camanche Reservoir	NA	Composite	Green Sunfish	C1_531PCR145BOG15GRS	10	whole organism	Skin on, Scales On	MERCURY	0.02	ug/g ww	81
11c	5	2015	Camanche Reservoir	NA	Composite	Largemouth Bass	C1_531PCR145BOG15LMB	10	whole organism	Skin on, Scales On	MERCURY	0.01	ug/g ww	69
11c	5	2015	Camanche Reservoir	NA	Composite	Threadfin Shad	C1_531PCR145BOG15TFS	10	whole organism	Skin on, Scales On	MERCURY	0.01	ug/g ww	83
7c	5	2015	Camp Far West Reservoir	NA	Composite	Bluegill	C1_516PCF037BOG15BLG	10	whole organism	Skin on, Scales On	MERCURY	0.07	ug/g ww	95
7c	5	2015	Camp Far West Reservoir	NA	Composite	Smallmouth Bass	C1_516PCF037BOG15SMB	10	whole organism	Skin on, Scales On	MERCURY	0.07	ug/g ww	66

Note: Yellow highlighting indicates results for lakes that could not be sampled in 2015, but were sampled in later years.

Map Label	Regional Board	Sample Year	Station Name	Location Code	Sample Type	Common Name	SampleID	Number Of Fish In Sample	Tissue Name	Prep	Parameter	Result	Unit Name	Total Length Average (mm)
7c	5	2015	Camp Far West Reservoir	NA	Composite	Threadfin Shad	C1_516PCF037BOG15TFS	10	whole organism	Skin on, Scales On	MERCURY	0.13	ug/g ww	86
14c	5	2015	Don Pedro Reservoir	NA	Composite	Largemouth Bass	C1_536PDP167BOG15LMB	10	whole organism	Skin on, Scales On	MERCURY	0.02	ug/g ww	65
14c	5	2015	Don Pedro Reservoir	NA	Composite	Threadfin Shad	C1_536PDP167BOG15TFS	10	whole organism	Skin on, Scales On	MERCURY	0.05	ug/g ww	87
18c	5	2015	Eastman Lake_BOG	NA	Composite	Bluegill	C1_539PEL194BOG15BGL	10	whole organism	Skin on, Scales On	MERCURY	0.02	ug/g ww	89
18c	5	2015	Eastman Lake_BOG	NA	Composite	Largemouth Bass	C1_539PEL194BOG15LMB	10	whole organism	Skin on, Scales On	MERCURY	0.02	ug/g ww	66
8c	5	2015	Folsom Lake	NA	Composite	Bluegill	C1_514PFL177BOG15BGL	10	whole organism	Skin on, Scales On	MERCURY	0.03	ug/g ww	78
8c	5	2015	Folsom Lake	NA	Composite	Smallmouth Bass	C1_514PFL177BOG15SMB	10	whole organism	Skin on, Scales On	MERCURY	0.04	ug/g ww	60
8c	5	2015	Folsom Lake	NA	Composite	Threadfin Shad	C1_514PFL177BOG15TFS	10	whole organism	Skin on, Scales On	MERCURY	0.01	ug/g ww	33
9d	5	2015	Lake Berryessa	NA	Composite	Bluegill	C1_511PLB077BOG15BGL	10	whole organism	Skin on, Scales On	MERCURY	0.03	ug/g ww	61
9d	5	2015	Lake Berryessa	NA	Composite	Largemouth Bass	C1_511PLB077BOG15LMB	10	whole organism	Skin on, Scales On	MERCURY	0.04	ug/g ww	63
9d	5	2015	Lake Berryessa	NA	Composite	Threadfin Shad	C1_511PLB077BOG15TFS	10	whole organism	Skin on, Scales On	MERCURY	0.08	ug/g ww	86
2	5	2015	Lake Britton	NA	Composite	Bluegill	C1_526PLB101BOG15BGL	10	whole organism	Skin on, Scales On	MERCURY	0.01	ug/g ww	61
2	5	2015	Lake Britton	NA	Composite	Smallmouth Bass	C1_526PLB101BOG15SMB	10	whole organism	Skin on, Scales On	MERCURY	0.02	ug/g ww	91
15d	5	2015	Lake McClure	NA	Composite	Bluegill	C1_537PLM215BOG15BGL	10	whole organism	Skin on, Scales On	MERCURY	0.03	ug/g ww	82
15d	5	2015	Lake McClure	NA	Composite	Largemouth Bass	C1_537PLM215BOG15LMB	10	whole organism	Skin on, Scales On	MERCURY	0.04	ug/g ww	63
15d	5	2015	Lake McClure	NA	Composite	Threadfin Shad	C1_537PLM215BOG15TFS	10	whole organism	Skin on, Scales On	MERCURY	0.04	ug/g ww	69
16	5	2015	Lake McSwain	NA	Composite	Green Sunfish	C1_537PLM116BOG15GRS	10	whole organism	Skin on, Scales On	MERCURY	0.01	ug/g ww	72
16	5	2015	Lake McSwain	NA	Composite	Smallmouth Bass	C1_537PLM116BOG15SMB	10	whole organism	Skin on, Scales On	MERCURY	0.02	ug/g ww	79
16	5	2015	Lake McSwain	NA	Composite	Threadfin Shad	C1_537PLM116BOG15TFS	10	whole organism	Skin on, Scales On	MERCURY	0.01	ug/g ww	55
12c	5	2015	New Melones Lake	NA	Composite	Bluegill	C1_534PNM092BOG15BGL	10	whole organism	Skin on, Scales On	MERCURY	0.03	ug/g ww	83
12c	5	2015	New Melones Lake	NA	Composite	Largemouth Bass	C1_534PNM092BOG15LMB	10	whole organism	Skin on, Scales On	MERCURY	0.02	ug/g ww	69
12c	5	2015	New Melones Lake	NA	Composite	Threadfin Shad	C1_534PNM092BOG15TFS	10	whole organism	Skin on, Scales On	MERCURY	0.05	ug/g ww	96
19c	5	2015	O'Neill Forebay	NA	Composite	Bluegill	C1_541POF104BOG15BGL	10	whole organism	Skin on, Scales On	MERCURY	0.02	ug/g ww	87
19c	5	2015	O'Neill Forebay	NA	Composite	Largemouth Bass	C1_541POF104BOG15LMB	10	whole organism	Skin on, Scales On	MERCURY	0.01	ug/g ww	75
19c	5	2015	O'Neill Forebay	NA	Composite	Silverside	C1_541POF104BOG15MSS	10	whole organism	Skin on, Scales On	MERCURY	0.01	ug/g ww	54
3e	5	2015	Shasta Lake	NA	Composite	Bluegill	C1_506PSH018BOG15BGL	10	whole organism	Skin on, Scales On	MERCURY	0.04	ug/g ww	87
3e	5	2015	Shasta Lake	NA	Composite	Green Sunfish	C1_506PSH018BOG15GRS	10	whole organism	Skin on, Scales On	MERCURY	0.01	ug/g ww	53
3e	5	2015	Shasta Lake	NA	Composite	Smallmouth Bass	C1_506PSH018BOG15SMB	10	whole organism	Skin on, Scales On	MERCURY	0.06	ug/g ww	67
3e	5	2015	Shasta Lake	NA	Composite	Threadfin Shad	C1_506PSH018BOG15TFS	10	whole organism	Skin on, Scales On	MERCURY	0.05	ug/g ww	80
21	5	2015	Success Lake	NA	Composite	Channel Catfish	C1_555PSL174BOG15CHC	10	whole organism	Skin on, Scales On	MERCURY	0.03	ug/g ww	76
21	5	2015	Success Lake	NA	Composite	Green Sunfish	C1_555PSL174BOG15GRS	10	whole organism	Skin on, Scales On	MERCURY	0.03	ug/g ww	67
21	5	2015	Success Lake	NA	Composite	Largemouth Bass	C1_555PSL174BOG15LMB	10	whole organism	Skin on, Scales On	MERCURY	0.02	ug/g ww	70
13	5	2015	Woodward Reservoir	NA	Composite	Bluegill	C1_535PWR185BOG15BGL	10	whole organism	Skin on, Scales On	MERCURY	0.05	ug/g ww	84
13	5	2015	Woodward Reservoir	NA	Composite	Largemouth Bass	C1_535PWR185BOG15LMB	10	whole organism	Skin on, Scales On	MERCURY	0.04	ug/g ww	59
13	5	2015	Woodward Reservoir	NA	Composite	Threadfin Shad	C1_535PWR185BOG15TFS	10	whole organism	Skin on, Scales On	MERCURY	0.06	ug/g ww	58
6	5	2015	Zayak/Swan Lake	NA	Composite	Bluegill	C1_516TU0173BOG15BGL	10	whole organism	Skin on, Scales On	MERCURY	0.17	ug/g ww	70
6	5	2015	Zayak/Swan Lake	NA	Composite	Largemouth Bass	C1_516TU0173BOG15LMB	10	whole organism	Skin on, Scales On	MERCURY	0.18	ug/g ww	81
27e	7	2015	Lake Havasu_BOG	NA	Composite	Bluegill	C1_714PLH216BOG15BGL	10	whole organism	Skin on, Scales On	MERCURY	0.02	ug/g ww	72
27e	7	2015	Lake Havasu_BOG	NA	Composite	Largemouth Bass	C1_714PLH216BOG15LMB	10	whole organism	Skin on, Scales On	MERCURY	0.02	ug/g ww	89
27e	7	2015	Lake Havasu_BOG	NA	Composite	Threadfin Shad	C1_714PLH216BOG15TFS	10	whole organism	Skin on, Scales On	MERCURY	0.02	ug/g ww	92
34	7	2015	Sunbeam Lake	NA	Composite	Bluegill	C1_723SUNBLKBOG15BGL	10	whole organism	Skin on, Scales On	MERCURY	0.02	ug/g ww	89
34	7	2015	Sunbeam Lake	NA	Composite	Largemouth Bass	C1_723SUNBLKBOG15LMB	10	whole organism	Skin on, Scales On	MERCURY	0.02	ug/g ww	69
35	9	2015	Barrett Lake	NA	Composite	Silverside	C1_911PBL166BOG15MSS	10	whole organism	Skin on, Scales On	MERCURY	0.03	ug/g ww	87
35	9	2015	Barrett Lake	NA	Composite	Threadfin Shad	C1_911PBL166BOG15TFS	10	whole organism	Skin on, Scales On	MERCURY	0.01	ug/g ww	73
33	9	2015	Lake San Marcos	NA	Composite	Bluegill	C1_904SAMRLKBOG15BGL	10	whole organism	Skin on, Scales On	MERCURY	0.01	ug/g ww	97
33	9	2015	Lake San Marcos	NA	Composite	Largemouth Bass	C1_904SAMRLKBOG15LMB	10	whole organism	Skin on, Scales On	MERCURY	0.01	ug/g ww	90
33	9	2015	Lake San Marcos	NA	Composite	Threadfin Shad	C1_904SAMRLKBOG15TFS	10	whole organism	Skin on, Scales On	MERCURY	0.01	ug/g ww	98

Appendix 4: Results of the 2015 bass lakes survey: mercury in individual sport fish

Map Label	Regional Board	Sample Year	Station Name	Location Code	Common Name	SampleID	OrganismID	Parameter	Result	Unit Name	Total Length (mm)	Age (year)
1	1	2015	Copco Lake	NA	Largemouth Bass	I_105PCL181BOG15LMB02-01	105PCL181BOG15LMB02-01	Mercury	0.13	ug/g ww	180	2
1	1	2015	Copco Lake	NA	Largemouth Bass	I_105PCL181BOG15LMB02-02	105PCL181BOG15LMB02-02	Mercury	0.16	ug/g ww	201	2
1	1	2015	Copco Lake	NA	Largemouth Bass	I_105PCL181BOG15LMB02-03	105PCL181BOG15LMB02-03	Mercury	0.17	ug/g ww	223	2
1	1	2015	Copco Lake	NA	Largemouth Bass	I_105PCL181BOG15LMB02-04	105PCL181BOG15LMB02-04	Mercury	0.18	ug/g ww	246	3
1	1	2015	Copco Lake	NA	Largemouth Bass	I_105PCL181BOG15LMB02-06	105PCL181BOG15LMB02-06	Mercury	0.20	ug/g ww	268	3
1	1	2015	Copco Lake	NA	Largemouth Bass	I_105PCL181BOG15LMB02-05	105PCL181BOG15LMB02-05	Mercury	0.17	ug/g ww	272	4
1	1	2015	Copco Lake	NA	Largemouth Bass	I_105PCL181BOG15LMB02-07	105PCL181BOG15LMB02-07	Mercury	0.22	ug/g ww	281	4
1	1	2015	Copco Lake	NA	Largemouth Bass	I_105PCL181BOG15LMB02-08	105PCL181BOG15LMB02-08	Mercury	0.22	ug/g ww	354	6
1	1	2015	Copco Lake	NA	Largemouth Bass	I_105PCL181BOG15LMB02-09	105PCL181BOG15LMB02-09	Mercury	0.19	ug/g ww	379	7
1	1	2015	Copco Lake	NA	Largemouth Bass	I_105PCL181BOG15LMB02-10	105PCL181BOG15LMB02-10	Mercury	0.73	ug/g ww	480	11
4	1	2015	Ruth Lake	NA	Largemouth Bass	I_109PRL193BOG15LMB02-02	109PRL193BOG15LMB02-02	Mercury	0.20	ug/g ww	223	2
4	1	2015	Ruth Lake	NA	Largemouth Bass	I_109PRL193BOG15LMB02-01	109PRL193BOG15LMB02-01	Mercury	0.04	ug/g ww	226	3
4	1	2015	Ruth Lake	NA	Largemouth Bass	I_109PRL193BOG15LMB02-04	109PRL193BOG15LMB02-04	Mercury	0.31	ug/g ww	262	3
4	1	2015	Ruth Lake	NA	Largemouth Bass	I_109PRL193BOG15LMB02-03	109PRL193BOG15LMB02-03	Mercury	0.31	ug/g ww	273	3
4	1	2015	Ruth Lake	NA	Largemouth Bass	I_109PRL193BOG15LMB02-05	109PRL193BOG15LMB02-05	Mercury	0.55	ug/g ww	326	6
4	1	2015	Ruth Lake	NA	Largemouth Bass	I_109PRL193BOG15LMB02-09	109PRL193BOG15LMB02-09	Mercury	0.33	ug/g ww	342	6
4	1	2015	Ruth Lake	NA	Largemouth Bass	I_109PRL193BOG15LMB02-06	109PRL193BOG15LMB02-06	Mercury	0.44	ug/g ww	351	7
4	1	2015	Ruth Lake	NA	Largemouth Bass	I_109PRL193BOG15LMB02-10	109PRL193BOG15LMB02-10	Mercury	0.36	ug/g ww	358	7
4	1	2015	Ruth Lake	NA	Largemouth Bass	I_109PRL193BOG15LMB02-08	109PRL193BOG15LMB02-08	Mercury	0.51	ug/g ww	359	7
4	1	2015	Ruth Lake	NA	Largemouth Bass	I_109PRL193BOG15LMB02-07	109PRL193BOG15LMB02-07	Mercury	0.43	ug/g ww	366	7
4	1	2015	Ruth Lake	NA	Largemouth Bass	I_109PRL193BOG15LMB02-11	109PRL193BOG15LMB02-11	Mercury	0.47	ug/g ww	458	11
17	2	2015	Lake Vasona	NA	Largemouth Bass	I_205PLV218BOG15LMB02-02	205PLV218BOG15LMB02-02	Mercury	0.04	ug/g ww	235	3
17	2	2015	Lake Vasona	NA	Largemouth Bass	I_205PLV218BOG15LMB02-01	205PLV218BOG15LMB02-01	Mercury	0.04	ug/g ww	237	3
17	2	2015	Lake Vasona	NA	Largemouth Bass	I_205PLV218BOG15LMB02-03	205PLV218BOG15LMB02-03	Mercury	0.04	ug/g ww	260	4
17	2	2015	Lake Vasona	NA	Largemouth Bass	I_205PLV218BOG15LMB02-08	205PLV218BOG15LMB02-08	Mercury	0.07	ug/g ww	280	4
17	2	2015	Lake Vasona	NA	Largemouth Bass	I_205PLV218BOG15LMB02-06	205PLV218BOG15LMB02-06	Mercury	0.06	ug/g ww	306	5
17	2	2015	Lake Vasona	NA	Largemouth Bass	I_205PLV218BOG15LMB02-04	205PLV218BOG15LMB02-04	Mercury	0.10	ug/g ww	310	5
17	2	2015	Lake Vasona	NA	Largemouth Bass	I_205PLV218BOG15LMB02-05	205PLV218BOG15LMB02-05	Mercury	0.09	ug/g ww	316	4
17	2	2015	Lake Vasona	NA	Largemouth Bass	I_205PLV218BOG15LMB02-07	205PLV218BOG15LMB02-07	Mercury	0.12	ug/g ww	330	6
17	2	2015	Lake Vasona	NA	Largemouth Bass	I_205PLV218BOG15LMB03-01	205PLV218BOG15LMB03-01	Mercury	0.15	ug/g ww	405	7
17	2	2015	Lake Vasona	NA	Largemouth Bass	I_205PLV218BOG15LMB03-03	205PLV218BOG15LMB03-03	Mercury	0.32	ug/g ww	495	9
17	2	2015	Lake Vasona	NA	Largemouth Bass	I_205PLV218BOG15LMB03-02	205PLV218BOG15LMB03-02	Mercury	0.35	ug/g ww	525	10
22a	3	2015	Lake Nacimiento	L1	Spotted Bass	I_309PLN060L1BOG15SPB02-04	309PLN060L1BOG15SPB02-04	Mercury	0.22	ug/g ww	202	2
22a	3	2015	Lake Nacimiento	L1	Spotted Bass	I_309PLN060L1BOG15SPB03-01	309PLN060L1BOG15SPB03-01	Mercury	0.40	ug/g ww	235	2
22a	3	2015	Lake Nacimiento	L1	Spotted Bass	I_309PLN060L1BOG15SPB02-03	309PLN060L1BOG15SPB02-03	Mercury	0.55	ug/g ww	246	2
22a	3	2015	Lake Nacimiento	L1	Spotted Bass	I_309PLN060L1BOG15SPB02-02	309PLN060L1BOG15SPB02-02	Mercury	0.33	ug/g ww	289	3
22a	3	2015	Lake Nacimiento	L1	Spotted Bass	I_309PLN060L1BOG15SPB03-02	309PLN060L1BOG15SPB03-02	Mercury	0.63	ug/g ww	294	3
22a	3	2015	Lake Nacimiento	L1	Spotted Bass	I_309PLN060L1BOG15SPB03-03	309PLN060L1BOG15SPB03-03	Mercury	0.77	ug/g ww	300	4
22a	3	2015	Lake Nacimiento	L1	Spotted Bass	I_309PLN060L1BOG15SPB03-04	309PLN060L1BOG15SPB03-04	Mercury	0.76	ug/g ww	313	4
22a	3	2015	Lake Nacimiento	L1	Spotted Bass	I_309PLN060L1BOG15SPB03-07	309PLN060L1BOG15SPB03-07	Mercury	0.55	ug/g ww	355	6
22a	3	2015	Lake Nacimiento	L1	Spotted Bass	I_309PLN060L1BOG15SPB03-05	309PLN060L1BOG15SPB03-05	Mercury	0.84	ug/g ww	359	6
22a	3	2015	Lake Nacimiento	L1	Spotted Bass	I_309PLN060L1BOG15SPB03-08	309PLN060L1BOG15SPB03-08	Mercury	1.00	ug/g ww	360	6
22a	3	2015	Lake Nacimiento	L1	Spotted Bass	I_309PLN060L1BOG15SPB03-06	309PLN060L1BOG15SPB03-06	Mercury	1.04	ug/g ww	360	6
22a	3	2015	Lake Nacimiento	L1	Spotted Bass	I_309PLN060L1BOG15SPB02-01	309PLN060L1BOG15SPB02-01	Mercury	1.02	ug/g ww	384	6
22a	3	2015	Lake Nacimiento	L1	Spotted Bass	I_309PLN060L1BOG15SPB03-09	309PLN060L1BOG15SPB03-09	Mercury	0.91	ug/g ww	410	8
22b	3	2015	Lake Nacimiento	L2	Spotted Bass	I_309PLN060L2BOG15SPB01-01	309PLN060L2BOG15SPB01-01	Mercury	0.31	ug/g ww	232	2
22b	3	2015	Lake Nacimiento	L2	Spotted Bass	I_309PLN060L2BOG15SPB01-02	309PLN060L2BOG15SPB01-02	Mercury	0.37	ug/g ww	235	2
22b	3	2015	Lake Nacimiento	L2	Spotted Bass	I_309PLN060L2BOG15SPB01-04	309PLN060L2BOG15SPB01-04	Mercury	0.72	ug/g ww	275	3
22b	3	2015	Lake Nacimiento	L2	Spotted Bass	I_309PLN060L2BOG15SPB01-03	309PLN060L2BOG15SPB01-03	Mercury	0.64	ug/g ww	296	4
22b	3	2015	Lake Nacimiento	L2	Spotted Bass	I_309PLN060L2BOG15SPB01-05	309PLN060L2BOG15SPB01-05	Mercury	0.87	ug/g ww	324	5
22b	3	2015	Lake Nacimiento	L2	Spotted Bass	I_309PLN060L2BOG15SPB01-09	309PLN060L2BOG15SPB01-09	Mercury	0.99	ug/g ww	334	4
22b	3	2015	Lake Nacimiento	L2	Spotted Bass	I_309PLN060L2BOG15SPB01-06	309PLN060L2BOG15SPB01-06	Mercury	0.94	ug/g ww	339	5
22b	3	2015	Lake Nacimiento	L2	Spotted Bass	I_309PLN060L2BOG15SPB01-07	309PLN060L2BOG15SPB01-07	Mercury	1.04	ug/g ww	342	5

Map Label	Regional Board	Sample Year	Station Name	Location Code	Common Name	SampleID	OrganismID	Parameter	Result	Unit Name	Total Length (mm)	Age (year)
22b	3	2015	Lake Nacimiento	L2	Spotted Bass	I_309PLN060L2BOG15SPB01-08	309PLN060L2BOG15SPB01-08	Mercury	1.35	ug/g ww	365	6
22b	3	2015	Lake Nacimiento	L2	Spotted Bass	I_309PLN060L2BOG15SPB01-10	309PLN060L2BOG15SPB01-10	Mercury	1.43	ug/g ww	396	7
22b	3	2015	Lake Nacimiento	L2	Spotted Bass	I_309PLN060L2BOG15SPB01-11	309PLN060L2BOG15SPB01-11	Mercury	1.50	ug/g ww	408	8
23	3	2017	Santa Margarita Lake	NA	Largemouth Bass	I_309PSM206BOG15LMB02-01	309PSM206BOG15LMB02-01	Mercury	0.28	ug/g ww	205	2
23	3	2017	Santa Margarita Lake	NA	Largemouth Bass	I_309PSM206BOG15LMB02-02	309PSM206BOG15LMB02-02	Mercury	0.51	ug/g ww	229	3
23	3	2017	Santa Margarita Lake	NA	Largemouth Bass	I_309PSM206BOG15LMB02-03	309PSM206BOG15LMB02-03	Mercury	0.51	ug/g ww	255	3
23	3	2017	Santa Margarita Lake	NA	Largemouth Bass	I_309PSM206BOG15LMB02-04	309PSM206BOG15LMB02-04	Mercury	0.46	ug/g ww	268	4
23	3	2017	Santa Margarita Lake	NA	Largemouth Bass	I_309PSM206BOG15LMB02-05	309PSM206BOG15LMB02-05	Mercury	0.41	ug/g ww	310	4
23	3	2017	Santa Margarita Lake	NA	Largemouth Bass	I_309PSM206BOG15LMB02-06	309PSM206BOG15LMB02-06	Mercury	0.21	ug/g ww	391	6
23	3	2017	Santa Margarita Lake	NA	Largemouth Bass	I_309PSM206BOG15LMB02-07	309PSM206BOG15LMB02-07	Mercury	0.32	ug/g ww	397	6
23	3	2017	Santa Margarita Lake	NA	Largemouth Bass	I_309PSM206BOG15LMB02-09	309PSM206BOG15LMB02-09	Mercury	0.31	ug/g ww	404	7
23	3	2017	Santa Margarita Lake	NA	Largemouth Bass	I_309PSM206BOG15LMB02-08	309PSM206BOG15LMB02-08	Mercury	0.31	ug/g ww	404	7
23	3	2017	Santa Margarita Lake	NA	Largemouth Bass	I_309PSM206BOG15LMB02-10	309PSM206BOG15LMB02-10	Mercury	0.57	ug/g ww	431	9
23	3	2017	Santa Margarita Lake	NA	Largemouth Bass	I_309PSM206BOG15LMB02-11	309PSM206BOG15LMB02-11	Mercury	0.62	ug/g ww	456	9
25a	4	2015	Castaic Lake	L1	Largemouth Bass	I_403CASTLKL1BOG15LMB01-01	403CASTLKL1BOG15LMB01-01	Mercury	0.11	ug/g ww	201	1
25a	4	2015	Castaic Lake	L1	Largemouth Bass	I_403CASTLKL1BOG15LMB01-02	403CASTLKL1BOG15LMB01-02	Mercury	0.15	ug/g ww	218	2
25a	4	2015	Castaic Lake	L1	Largemouth Bass	I_403CASTLKL1BOG15LMB01-03	403CASTLKL1BOG15LMB01-03	Mercury	0.17	ug/g ww	275	3
25a	4	2015	Castaic Lake	L1	Largemouth Bass	I_403CASTLKL1BOG15LMB01-04	403CASTLKL1BOG15LMB01-04	Mercury	0.29	ug/g ww	285	4
25a	4	2015	Castaic Lake	L1	Largemouth Bass	I_403CASTLKL1BOG15LMB02-01	403CASTLKL1BOG15LMB02-01	Mercury	0.27	ug/g ww	322	5
25a	4	2015	Castaic Lake	L1	Largemouth Bass	I_403CASTLKL1BOG15LMB01-05	403CASTLKL1BOG15LMB01-05	Mercury	0.35	ug/g ww	338	5
25a	4	2015	Castaic Lake	L1	Largemouth Bass	I_403CASTLKL1BOG15LMB02-04	403CASTLKL1BOG15LMB02-04	Mercury	0.33	ug/g ww	370	6
25a	4	2015	Castaic Lake	L1	Largemouth Bass	I_403CASTLKL1BOG15LMB02-03	403CASTLKL1BOG15LMB02-03	Mercury	0.35	ug/g ww	382	6
25a	4	2015	Castaic Lake	L1	Largemouth Bass	I_403CASTLKL1BOG15LMB02-02	403CASTLKL1BOG15LMB02-02	Mercury	0.29	ug/g ww	401	6
25a	4	2015	Castaic Lake	L1	Largemouth Bass	I_403CASTLKL1BOG15LMB01-06	403CASTLKL1BOG15LMB01-06	Mercury	0.73	ug/g ww	412	6
25a	4	2015	Castaic Lake	L1	Largemouth Bass	I_403CASTLKL1BOG15LMB02-05	403CASTLKL1BOG15LMB02-05	Mercury	0.81	ug/g ww	451	9
25b	4	2015	Castaic Lake	L2	Largemouth Bass	I_403CASTLKL2BOG15LMB04-01	403CASTLKL2BOG15LMB04-01	Mercury	0.08	ug/g ww	242	2
25b	4	2015	Castaic Lake	L2	Largemouth Bass	I_403CASTLKL2BOG15LMB04-02	403CASTLKL2BOG15LMB04-02	Mercury	0.10	ug/g ww	249	3
25b	4	2015	Castaic Lake	L2	Largemouth Bass	I_403CASTLKL2BOG15LMB04-03	403CASTLKL2BOG15LMB04-03	Mercury	0.19	ug/g ww	276	3
25b	4	2015	Castaic Lake	L2	Largemouth Bass	I_403CASTLKL2BOG15LMB04-04	403CASTLKL2BOG15LMB04-04	Mercury	0.15	ug/g ww	288	3
25b	4	2015	Castaic Lake	L2	Largemouth Bass	I_403CASTLKL2BOG15LMB05-03	403CASTLKL2BOG15LMB05-03	Mercury	0.13	ug/g ww	330	4
25b	4	2015	Castaic Lake	L2	Largemouth Bass	I_403CASTLKL2BOG15LMB05-02	403CASTLKL2BOG15LMB05-02	Mercury	0.38	ug/g ww	355	4
25b	4	2015	Castaic Lake	L2	Largemouth Bass	I_403CASTLKL2BOG15LMB05-04	403CASTLKL2BOG15LMB05-04	Mercury	0.82	ug/g ww	362	5
25b	4	2015	Castaic Lake	L2	Largemouth Bass	I_403CASTLKL2BOG15LMB05-05	403CASTLKL2BOG15LMB05-05	Mercury	0.41	ug/g ww	367	6
25b	4	2015	Castaic Lake	L2	Largemouth Bass	I_403CASTLKL2BOG15LMB05-01	403CASTLKL2BOG15LMB05-01	Mercury	0.16	ug/g ww	376	5
25b	4	2015	Castaic Lake	L2	Largemouth Bass	I_403CASTLKL2BOG15LMB04-06	403CASTLKL2BOG15LMB04-06	Mercury	0.47	ug/g ww	438	7
25b	4	2015	Castaic Lake	L2	Largemouth Bass	I_403CASTLKL2BOG15LMB04-05	403CASTLKL2BOG15LMB04-05	Mercury	0.50	ug/g ww	470	9
32	4	2015	Cerritos Park Lake	NA	Largemouth Bass	I_405CERRLKBOG15LMB01-01	405CERRLKBOG15LMB01-01	Mercury	0.01	ug/g ww	184	2
32	4	2015	Cerritos Park Lake	NA	Largemouth Bass	I_405CERRLKBOG15LMB01-02	405CERRLKBOG15LMB01-02	Mercury	0.02	ug/g ww	260	3
32	4	2015	Cerritos Park Lake	NA	Largemouth Bass	I_405CERRLKBOG15LMB01-04	405CERRLKBOG15LMB01-04	Mercury	0.04	ug/g ww	284	4
32	4	2015	Cerritos Park Lake	NA	Largemouth Bass	I_405CERRLKBOG15LMB01-03	405CERRLKBOG15LMB01-03	Mercury	0.05	ug/g ww	312	5
32	4	2015	Cerritos Park Lake	NA	Largemouth Bass	I_405CERRLKBOG15LMB01-05	405CERRLKBOG15LMB01-05	Mercury	0.06	ug/g ww	315	5
32	4	2015	Cerritos Park Lake	NA	Largemouth Bass	I_405CERRLKBOG15LMB01-07	405CERRLKBOG15LMB01-07	Mercury	0.03	ug/g ww	348	6
32	4	2015	Cerritos Park Lake	NA	Largemouth Bass	I_405CERRLKBOG15LMB01-06	405CERRLKBOG15LMB01-06	Mercury	0.10	ug/g ww	355	6
32	4	2015	Cerritos Park Lake	NA	Largemouth Bass	I_405CERRLKBOG15LMB02-01	405CERRLKBOG15LMB02-01	Mercury	0.10	ug/g ww	362	7
32	4	2015	Cerritos Park Lake	NA	Largemouth Bass	I_405CERRLKBOG15LMB02-02	405CERRLKBOG15LMB02-02	Mercury	0.07	ug/g ww	389	8
32	4	2015	Cerritos Park Lake	NA	Largemouth Bass	I_405CERRLKBOG15LMB02-03	405CERRLKBOG15LMB02-03	Mercury	0.07	ug/g ww	399	8
32	4	2015	Cerritos Park Lake	NA	Largemouth Bass	I_405CERRLKBOG15LMB02-05	405CERRLKBOG15LMB02-05	Mercury	0.19	ug/g ww	426	9
32	4	2015	Cerritos Park Lake	NA	Largemouth Bass	I_405CERRLKBOG15LMB02-04	405CERRLKBOG15LMB02-04	Mercury	0.32	ug/g ww	426	9
30	4	2015	Ken Hahn Park Lake	NA	Largemouth Bass	I_404KHANPKBOG15LMB02-01	404KHANPKBOG15LMB02-01	Mercury	0.05	ug/g ww	232	2
30	4	2015	Ken Hahn Park Lake	NA	Largemouth Bass	I_404KHANPKBOG15LMB02-02	404KHANPKBOG15LMB02-02	Mercury	0.06	ug/g ww	241	3
30	4	2015	Ken Hahn Park Lake	NA	Largemouth Bass	I_404KHANPKBOG15LMB02-03	404KHANPKBOG15LMB02-03	Mercury	0.07	ug/g ww	250	3
30	4	2015	Ken Hahn Park Lake	NA	Largemouth Bass	I_404KHANPKBOG15LMB02-04	404KHANPKBOG15LMB02-04	Mercury	0.06	ug/g ww	279	4
30	4	2015	Ken Hahn Park Lake	NA	Largemouth Bass	I_404KHANPKBOG15LMB03-01	404KHANPKBOG15LMB03-01	Mercury	0.15	ug/g ww	320	6

Map Label	Regional Board	Sample Year	Station Name	Location Code	Common Name	SampleID	OrganismID	Parameter	Result	Unit Name	Total Length (mm)	Age (year)
30	4	2015	Ken Hahn Park Lake	NA	Largemouth Bass	I_404KHANPKBOG15LMB02-06	404KHANPKBOG15LMB02-06	Mercury	0.15	ug/g ww	324	6
30	4	2015	Ken Hahn Park Lake	NA	Largemouth Bass	I_404KHANPKBOG15LMB03-03	404KHANPKBOG15LMB03-03	Mercury	0.19	ug/g ww	341	6
30	4	2015	Ken Hahn Park Lake	NA	Largemouth Bass	I_404KHANPKBOG15LMB02-07	404KHANPKBOG15LMB02-07	Mercury	0.18	ug/g ww	348	7
30	4	2015	Ken Hahn Park Lake	NA	Largemouth Bass	I_404KHANPKBOG15LMB02-05	404KHANPKBOG15LMB02-05	Mercury	0.16	ug/g ww	353	6
30	4	2015	Ken Hahn Park Lake	NA	Largemouth Bass	I_404KHANPKBOG15LMB03-02	404KHANPKBOG15LMB03-02	Mercury	0.17	ug/g ww	363	7
30	4	2015	Ken Hahn Park Lake	NA	Largemouth Bass	I_404KHANPKBOG15LMB03-05	404KHANPKBOG15LMB03-05	Mercury	0.22	ug/g ww	412	8
30	4	2015	Ken Hahn Park Lake	NA	Largemouth Bass	I_404KHANPKBOG15LMB03-04	404KHANPKBOG15LMB03-04	Mercury	0.20	ug/g ww	486	9
31	4	2016	La Mirada Park Lake	NA	Largemouth Bass	I_405LAMIRABOG15LMB03-01	405LAMIRABOG15LMB03-01	Mercury	0.18	ug/g ww	271	3
31	4	2016	La Mirada Park Lake	NA	Largemouth Bass	I_405LAMIRABOG15LMB03-02	405LAMIRABOG15LMB03-02	Mercury	0.21	ug/g ww	286	3
31	4	2016	La Mirada Park Lake	NA	Largemouth Bass	I_405LAMIRABOG15LMB03-03	405LAMIRABOG15LMB03-03	Mercury	0.27	ug/g ww	310	4
31	4	2016	La Mirada Park Lake	NA	Largemouth Bass	I_405LAMIRABOG15LMB03-04	405LAMIRABOG15LMB03-04	Mercury	0.29	ug/g ww	351	6
31	4	2016	La Mirada Park Lake	NA	Largemouth Bass	I_405LAMIRABOG15LMB03-05	405LAMIRABOG15LMB03-05	Mercury	0.34	ug/g ww	374	7
31	4	2016	La Mirada Park Lake	NA	Largemouth Bass	I_405LAMIRABOG15LMB03-07	405LAMIRABOG15LMB03-07	Mercury	0.23	ug/g ww	377	8
31	4	2016	La Mirada Park Lake	NA	Largemouth Bass	I_405LAMIRABOG15LMB04-02	405LAMIRABOG15LMB04-02	Mercury	0.36	ug/g ww	386	8
31	4	2016	La Mirada Park Lake	NA	Largemouth Bass	I_405LAMIRABOG15LMB03-06	405LAMIRABOG15LMB03-06	Mercury	0.43	ug/g ww	400	8
31	4	2016	La Mirada Park Lake	NA	Largemouth Bass	I_405LAMIRABOG15LMB04-01	405LAMIRABOG15LMB04-01	Mercury	0.40	ug/g ww	404	9
31	4	2016	La Mirada Park Lake	NA	Largemouth Bass	I_405LAMIRABOG15LMB04-04	405LAMIRABOG15LMB04-04	Mercury	0.39	ug/g ww	445	10
31	4	2016	La Mirada Park Lake	NA	Largemouth Bass	I_405LAMIRABOG15LMB04-03	405LAMIRABOG15LMB04-03	Mercury	0.27	ug/g ww	452	11
31	4	2016	La Mirada Park Lake	NA	Largemouth Bass	I_405LAMIRABOG15LMB04-05	405LAMIRABOG15LMB04-05	Mercury	0.56	ug/g ww	582	14
29	4	2015	Santa Fe Reservoir	NA	Largemouth Bass	I_405PSF067BOG15LMB01-02	405PSF067BOG15LMB01-02	Mercury	0.17	ug/g ww	241	2
29	4	2015	Santa Fe Reservoir	NA	Largemouth Bass	I_405PSF067BOG15LMB01-01	405PSF067BOG15LMB01-01	Mercury	0.25	ug/g ww	241	2
29	4	2015	Santa Fe Reservoir	NA	Largemouth Bass	I_405PSF067BOG15LMB01-03	405PSF067BOG15LMB01-03	Mercury	0.40	ug/g ww	285	3
29	4	2015	Santa Fe Reservoir	NA	Largemouth Bass	I_405PSF067BOG15LMB01-04	405PSF067BOG15LMB01-04	Mercury	0.43	ug/g ww	311	4
29	4	2015	Santa Fe Reservoir	NA	Largemouth Bass	I_405PSF067BOG15LMB01-06	405PSF067BOG15LMB01-06	Mercury	0.40	ug/g ww	329	5
29	4	2015	Santa Fe Reservoir	NA	Largemouth Bass	I_405PSF067BOG15LMB01-05	405PSF067BOG15LMB01-05	Mercury	0.52	ug/g ww	344	6
29	4	2015	Santa Fe Reservoir	NA	Largemouth Bass	I_405PSF067BOG15LMB02-01	405PSF067BOG15LMB02-01	Mercury	0.38	ug/g ww	350	6
29	4	2015	Santa Fe Reservoir	NA	Largemouth Bass	I_405PSF067BOG15LMB01-07	405PSF067BOG15LMB01-07	Mercury	0.35	ug/g ww	352	6
29	4	2015	Santa Fe Reservoir	NA	Largemouth Bass	I_405PSF067BOG15LMB02-02	405PSF067BOG15LMB02-02	Mercury	0.48	ug/g ww	376	7
29	4	2015	Santa Fe Reservoir	NA	Largemouth Bass	I_405PSF067BOG15LMB02-03	405PSF067BOG15LMB02-03	Mercury	0.46	ug/g ww	392	8
29	4	2015	Santa Fe Reservoir	NA	Largemouth Bass	I_405PSF067BOG15LMB02-04	405PSF067BOG15LMB02-04	Mercury	0.39	ug/g ww	411	9
29	4	2015	Santa Fe Reservoir	NA	Largemouth Bass	I_405PSF067BOG15LMB02-05	405PSF067BOG15LMB02-05	Mercury	0.49	ug/g ww	428	9
20	5	2016	545TU0164-BOG Other Lake 164	NA	Largemouth Bass	I_545TU0164BOG15LMB01-02	545TU0164BOG15LMB01-02	Mercury	0.07	ug/g ww	226	2
20	5	2016	545TU0164-BOG Other Lake 164	NA	Largemouth Bass	I_545TU0164BOG15LMB01-01	545TU0164BOG15LMB01-01	Mercury	0.09	ug/g ww	231	2
20	5	2016	545TU0164-BOG Other Lake 164	NA	Largemouth Bass	I_545TU0164BOG15LMB01-03	545TU0164BOG15LMB01-03	Mercury	0.11	ug/g ww	282	4
20	5	2016	545TU0164-BOG Other Lake 164	NA	Largemouth Bass	I_545TU0164BOG15LMB01-04	545TU0164BOG15LMB01-04	Mercury	0.14	ug/g ww	296	4
20	5	2016	545TU0164-BOG Other Lake 164	NA	Largemouth Bass	I_545TU0164BOG15LMB01-05	545TU0164BOG15LMB01-05	Mercury	0.14	ug/g ww	331	5
20	5	2016	545TU0164-BOG Other Lake 164	NA	Largemouth Bass	I_545TU0164BOG15LMB01-07	545TU0164BOG15LMB01-07	Mercury	0.26	ug/g ww	341	6
20	5	2016	545TU0164-BOG Other Lake 164	NA	Largemouth Bass	I_545TU0164BOG15LMB01-06	545TU0164BOG15LMB01-06	Mercury	0.16	ug/g ww	347	6
20	5	2016	545TU0164-BOG Other Lake 164	NA	Largemouth Bass	I_545TU0164BOG15LMB02-03	545TU0164BOG15LMB02-03	Mercury	0.30	ug/g ww	351	7
20	5	2016	545TU0164-BOG Other Lake 164	NA	Largemouth Bass	I_545TU0164BOG15LMB02-02	545TU0164BOG15LMB02-02	Mercury	0.17	ug/g ww	358	8
20	5	2016	545TU0164-BOG Other Lake 164	NA	Largemouth Bass	I_545TU0164BOG15LMB02-01	545TU0164BOG15LMB02-01	Mercury	0.28	ug/g ww	374	7
20	5	2016	545TU0164-BOG Other Lake 164	NA	Largemouth Bass	I_545TU0164BOG15LMB02-04	545TU0164BOG15LMB02-04	Mercury	0.37	ug/g ww	448	11
20	5	2016	545TU0164-BOG Other Lake 164	NA	Largemouth Bass	I_545TU0164BOG15LMB02-05	545TU0164BOG15LMB02-05	Mercury	0.29	ug/g ww	450	11
10	5	2015	Beach Lake	NA	Largemouth Bass	I_510BECHLKBOG15LMB01-01	510BECHLKBOG15LMB01-01	Mercury	0.06	ug/g ww	240	3
10	5	2015	Beach Lake	NA	Largemouth Bass	I_510BECHLKBOG15LMB01-02	510BECHLKBOG15LMB01-02	Mercury	0.06	ug/g ww	266	4
10	5	2015	Beach Lake	NA	Largemouth Bass	I_510BECHLKBOG15LMB01-03	510BECHLKBOG15LMB01-03	Mercury	0.06	ug/g ww	306	5
10	5	2015	Beach Lake	NA	Largemouth Bass	I_510BECHLKBOG15LMB01-04	510BECHLKBOG15LMB01-04	Mercury	0.08	ug/g ww	320	6
10	5	2015	Beach Lake	NA	Largemouth Bass	I_510BECHLKBOG15LMB01-08	510BECHLKBOG15LMB01-08	Mercury	0.10	ug/g ww	322	6
10	5	2015	Beach Lake	NA	Largemouth Bass	I_510BECHLKBOG15LMB01-07	510BECHLKBOG15LMB01-07	Mercury	0.10	ug/g ww	333	7
10	5	2015	Beach Lake	NA	Largemouth Bass	I_510BECHLKBOG15LMB01-05	510BECHLKBOG15LMB01-05	Mercury	0.07	ug/g ww	340	7
10	5	2015	Beach Lake	NA	Largemouth Bass	I_510BECHLKBOG15LMB01-06	510BECHLKBOG15LMB01-06	Mercury	0.08	ug/g ww	378	8
10	5	2015	Beach Lake	NA	Largemouth Bass	I_510BECHLKBOG15LMB01-09	510BECHLKBOG15LMB01-09	Mercury	0.09	ug/g ww	403	9
10	5	2015	Beach Lake	NA	Largemouth Bass	I_510BECHLKBOG15LMB01-10	510BECHLKBOG15LMB01-10	Mercury	0.21	ug/g ww	445	11

Map Label	Regional Board	Sample Year	Station Name	Location Code	Common Name	SampleID	OrganismID	Parameter	Result	Unit Name	Total Length (mm)	Age (year)
10	5	2015	Beach Lake	NA	Largemouth Bass	I_510BECHLKBOG15LMB01-11	510BECHLKBOG15LMB01-11	Mercury	0.39	ug/g ww	493	13
24	5	2015	Brite Valley Lake	NA	Largemouth Bass	I_556PBV122BOG15LMB02-02	556PBV122BOG15LMB02-02	Mercury	0.10	ug/g ww	240	3
24	5	2015	Brite Valley Lake	NA	Largemouth Bass	I_556PBV122BOG15LMB02-01	556PBV122BOG15LMB02-01	Mercury	0.11	ug/g ww	242	2
24	5	2015	Brite Valley Lake	NA	Largemouth Bass	I_556PBV122BOG15LMB02-03	556PBV122BOG15LMB02-03	Mercury	0.16	ug/g ww	275	3
24	5	2015	Brite Valley Lake	NA	Largemouth Bass	I_556PBV122BOG15LMB02-04	556PBV122BOG15LMB02-04	Mercury	0.13	ug/g ww	287	4
24	5	2015	Brite Valley Lake	NA	Largemouth Bass	I_556PBV122BOG15LMB02-05	556PBV122BOG15LMB02-05	Mercury	0.29	ug/g ww	318	5
24	5	2015	Brite Valley Lake	NA	Largemouth Bass	I_556PBV122BOG15LMB02-07	556PBV122BOG15LMB02-07	Mercury	0.20	ug/g ww	329	5
24	5	2015	Brite Valley Lake	NA	Largemouth Bass	I_556PBV122BOG15LMB02-09	556PBV122BOG15LMB02-09	Mercury	0.20	ug/g ww	330	5
24	5	2015	Brite Valley Lake	NA	Largemouth Bass	I_556PBV122BOG15LMB02-06	556PBV122BOG15LMB02-06	Mercury	0.37	ug/g ww	339	6
24	5	2015	Brite Valley Lake	NA	Largemouth Bass	I_556PBV122BOG15LMB02-10	556PBV122BOG15LMB02-10	Mercury	0.27	ug/g ww	343	6
24	5	2015	Brite Valley Lake	NA	Largemouth Bass	I_556PBV122BOG15LMB02-08	556PBV122BOG15LMB02-08	Mercury	0.19	ug/g ww	354	6
24	5	2015	Brite Valley Lake	NA	Largemouth Bass	I_556PBV122BOG15LMB02-11	556PBV122BOG15LMB02-11	Mercury	0.52	ug/g ww	429	10
5	5	2015	Butt Valley Reservoir	NA	Smallmouth Bass	I_518PBV109BOG15SMB02-01	518PBV109BOG15SMB02-01	Mercury	0.06	ug/g ww	223	2
5	5	2015	Butt Valley Reservoir	NA	Smallmouth Bass	I_518PBV109BOG15SMB02-02	518PBV109BOG15SMB02-02	Mercury	0.07	ug/g ww	228	2
5	5	2015	Butt Valley Reservoir	NA	Smallmouth Bass	I_518PBV109BOG15SMB02-04	518PBV109BOG15SMB02-04	Mercury	0.03	ug/g ww	270	4
5	5	2015	Butt Valley Reservoir	NA	Smallmouth Bass	I_518PBV109BOG15SMB02-03	518PBV109BOG15SMB02-03	Mercury	0.06	ug/g ww	270	4
5	5	2015	Butt Valley Reservoir	NA	Smallmouth Bass	I_518PBV109BOG15SMB02-05	518PBV109BOG15SMB02-05	Mercury	0.06	ug/g ww	280	3
5	5	2015	Butt Valley Reservoir	NA	Smallmouth Bass	I_518PBV109BOG15SMB02-07	518PBV109BOG15SMB02-07	Mercury	0.06	ug/g ww	310	5
5	5	2015	Butt Valley Reservoir	NA	Smallmouth Bass	I_518PBV109BOG15SMB02-06	518PBV109BOG15SMB02-06	Mercury	0.07	ug/g ww	317	3
5	5	2015	Butt Valley Reservoir	NA	Smallmouth Bass	I_518PBV109BOG15SMB02-08	518PBV109BOG15SMB02-08	Mercury	0.09	ug/g ww	325	6
5	5	2015	Butt Valley Reservoir	NA	Smallmouth Bass	I_518PBV109BOG15SMB02-09	518PBV109BOG15SMB02-09	Mercury	0.13	ug/g ww	370	7
5	5	2015	Butt Valley Reservoir	NA	Smallmouth Bass	I_518PBV109BOG15SMB02-10	518PBV109BOG15SMB02-10	Mercury	0.24	ug/g ww	385	8
5	5	2015	Butt Valley Reservoir	NA	Smallmouth Bass	I_518PBV109BOG15SMB02-11	518PBV109BOG15SMB02-11	Mercury	0.05	ug/g ww	411	3
11a	5	2015	Camanche Reservoir	L1	Largemouth Bass	I_531PCR145L1BOG15LMB02-01	531PCR145L1BOG15LMB02-01	Mercury	0.09	ug/g ww	202	2
11a	5	2015	Camanche Reservoir	L1	Largemouth Bass	I_531PCR145L1BOG15LMB02-02	531PCR145L1BOG15LMB02-02	Mercury	0.06	ug/g ww	240	2
11a	5	2015	Camanche Reservoir	L1	Largemouth Bass	I_531PCR145L1BOG15LMB02-03	531PCR145L1BOG15LMB02-03	Mercury	0.10	ug/g ww	266	3
11a	5	2015	Camanche Reservoir	L1	Largemouth Bass	I_531PCR145L1BOG15LMB02-04	531PCR145L1BOG15LMB02-04	Mercury	0.08	ug/g ww	293	4
11a	5	2015	Camanche Reservoir	L1	Largemouth Bass	I_531PCR145L1BOG15LMB02-05	531PCR145L1BOG15LMB02-05	Mercury	0.09	ug/g ww	330	5
11a	5	2015	Camanche Reservoir	L1	Largemouth Bass	I_531PCR145L1BOG15LMB02-06	531PCR145L1BOG15LMB02-06	Mercury	0.39	ug/g ww	366	6
11a	5	2015	Camanche Reservoir	L1	Largemouth Bass	I_531PCR145L1BOG15LMB02-08	531PCR145L1BOG15LMB02-08	Mercury	0.15	ug/g ww	369	6
11a	5	2015	Camanche Reservoir	L1	Largemouth Bass	I_531PCR145L1BOG15LMB02-07	531PCR145L1BOG15LMB02-07	Mercury	0.15	ug/g ww	371	6
11a	5	2015	Camanche Reservoir	L1	Largemouth Bass	I_531PCR145L1BOG15LMB02-09	531PCR145L1BOG15LMB02-09	Mercury	0.12	ug/g ww	372	7
11a	5	2015	Camanche Reservoir	L1	Largemouth Bass	I_531PCR145L1BOG15LMB02-10	531PCR145L1BOG15LMB02-10	Mercury	0.17	ug/g ww	390	7
11a	5	2015	Camanche Reservoir	L1	Largemouth Bass	I_531PCR145L1BOG15LMB02-11	531PCR145L1BOG15LMB02-11	Mercury	0.06	ug/g ww	450	9
11b	5	2015	Camanche Reservoir	L2	Largemouth Bass	I_531PCR145L2BOG15LMB03-02	531PCR145L2BOG15LMB03-02	Mercury	0.11	ug/g ww	233	2
11b	5	2015	Camanche Reservoir	L2	Largemouth Bass	I_531PCR145L2BOG15LMB03-01	531PCR145L2BOG15LMB03-01	Mercury	0.02	ug/g ww	242	3
11b	5	2015	Camanche Reservoir	L2	Largemouth Bass	I_531PCR145L2BOG15LMB03-03	531PCR145L2BOG15LMB03-03	Mercury	0.13	ug/g ww	291	4
11b	5	2015	Camanche Reservoir	L2	Largemouth Bass	I_531PCR145L2BOG15LMB03-08	531PCR145L2BOG15LMB03-08	Mercury	0.08	ug/g ww	361	6
11b	5	2015	Camanche Reservoir	L2	Largemouth Bass	I_531PCR145L2BOG15LMB03-04	531PCR145L2BOG15LMB03-04	Mercury	0.18	ug/g ww	365	6
11b	5	2015	Camanche Reservoir	L2	Largemouth Bass	I_531PCR145L2BOG15LMB03-05	531PCR145L2BOG15LMB03-05	Mercury	0.37	ug/g ww	370	6
11b	5	2015	Camanche Reservoir	L2	Largemouth Bass	I_531PCR145L2BOG15LMB03-06	531PCR145L2BOG15LMB03-06	Mercury	0.14	ug/g ww	400	7
11b	5	2015	Camanche Reservoir	L2	Largemouth Bass	I_531PCR145L2BOG15LMB03-07	531PCR145L2BOG15LMB03-07	Mercury	0.32	ug/g ww	416	8
11b	5	2015	Camanche Reservoir	L2	Largemouth Bass	I_531PCR145L2BOG15LMB03-10	531PCR145L2BOG15LMB03-10	Mercury	0.16	ug/g ww	431	9
11b	5	2015	Camanche Reservoir	L2	Largemouth Bass	I_531PCR145L2BOG15LMB03-09	531PCR145L2BOG15LMB03-09	Mercury	0.51	ug/g ww	433	9
7a	5	2015	Camp Far West Reservoir	L1	Smallmouth Bass	I_516PCF037L1BOG15SMB02-01	516PCF037L1BOG15SMB02-01	Mercury	0.24	ug/g ww	208	2
7a	5	2015	Camp Far West Reservoir	L1	Smallmouth Bass	I_516PCF037L1BOG15SMB02-02	516PCF037L1BOG15SMB02-02	Mercury	0.24	ug/g ww	245	2
7a	5	2015	Camp Far West Reservoir	L1	Smallmouth Bass	I_516PCF037L1BOG15SMB02-03	516PCF037L1BOG15SMB02-03	Mercury	0.25	ug/g ww	252	2
7a	5	2015	Camp Far West Reservoir	L1	Smallmouth Bass	I_516PCF037L1BOG15SMB02-04	516PCF037L1BOG15SMB02-04	Mercury	0.45	ug/g ww	280	3
7a	5	2015	Camp Far West Reservoir	L1	Smallmouth Bass	I_516PCF037L1BOG15SMB02-06	516PCF037L1BOG15SMB02-06	Mercury	0.44	ug/g ww	325	4
7a	5	2015	Camp Far West Reservoir	L1	Smallmouth Bass	I_516PCF037L1BOG15SMB02-07	516PCF037L1BOG15SMB02-07	Mercury	0.59	ug/g ww	355	5
7a	5	2015	Camp Far West Reservoir	L1	Smallmouth Bass	I_516PCF037L1BOG15SMB02-05	516PCF037L1BOG15SMB02-05	Mercury	0.45	ug/g ww	355	5
7a	5	2015	Camp Far West Reservoir	L1	Smallmouth Bass	I_516PCF037L1BOG15SMB02-10	516PCF037L1BOG15SMB02-10	Mercury	0.73	ug/g ww	365	5
7a	5	2015	Camp Far West Reservoir	L1	Smallmouth Bass	I_516PCF037L1BOG15SMB02-09	516PCF037L1BOG15SMB02-09	Mercury	0.52	ug/g ww	385	5

Map Label	Regional Board	Sample Year	Station Name	Location Code	Common Name	SampleID	OrganismID	Parameter	Result	Unit Name	Total Length (mm)	Age (year)
7a	5	2015	Camp Far West Reservoir	L1	Smallmouth Bass	I_516PCF037L1BOG15SMB02-08	516PCF037L1BOG15SMB02-08	Mercury	0.91	ug/g ww	405	6
7a	5	2015	Camp Far West Reservoir	L1	Smallmouth Bass	I_516PCF037L1BOG15SMB02-11	516PCF037L1BOG15SMB02-11	Mercury	0.62	ug/g ww	420	7
7b	5	2015	Camp Far West Reservoir	L2	Smallmouth Bass	I_516PCF037L2BOG15SMB03-01	516PCF037L2BOG15SMB03-01	Mercury	0.27	ug/g ww	210	2
7b	5	2015	Camp Far West Reservoir	L2	Smallmouth Bass	I_516PCF037L2BOG15SMB03-02	516PCF037L2BOG15SMB03-02	Mercury	0.34	ug/g ww	221	2
7b	5	2015	Camp Far West Reservoir	L2	Smallmouth Bass	I_516PCF037L2BOG15SMB03-03	516PCF037L2BOG15SMB03-03	Mercury	0.39	ug/g ww	264	3
7b	5	2015	Camp Far West Reservoir	L2	Smallmouth Bass	I_516PCF037L2BOG15SMB03-04	516PCF037L2BOG15SMB03-04	Mercury	0.49	ug/g ww	301	3
7b	5	2015	Camp Far West Reservoir	L2	Smallmouth Bass	I_516PCF037L2BOG15SMB03-06	516PCF037L2BOG15SMB03-06	Mercury	0.53	ug/g ww	308	3
7b	5	2015	Camp Far West Reservoir	L2	Smallmouth Bass	I_516PCF037L2BOG15SMB03-05	516PCF037L2BOG15SMB03-05	Mercury	0.52	ug/g ww	308	3
7b	5	2015	Camp Far West Reservoir	L2	Smallmouth Bass	I_516PCF037L2BOG15SMB03-09	516PCF037L2BOG15SMB03-09	Mercury	0.42	ug/g ww	314	4
7b	5	2015	Camp Far West Reservoir	L2	Smallmouth Bass	I_516PCF037L2BOG15SMB03-08	516PCF037L2BOG15SMB03-08	Mercury	0.67	ug/g ww	340	4
7b	5	2015	Camp Far West Reservoir	L2	Smallmouth Bass	I_516PCF037L2BOG15SMB03-10	516PCF037L2BOG15SMB03-10	Mercury	0.66	ug/g ww	345	5
7b	5	2015	Camp Far West Reservoir	L2	Smallmouth Bass	I_516PCF037L2BOG15SMB03-07	516PCF037L2BOG15SMB03-07	Mercury	0.84	ug/g ww	365	5
7b	5	2015	Camp Far West Reservoir	L2	Smallmouth Bass	I_516PCF037L2BOG15SMB03-11	516PCF037L2BOG15SMB03-11	Mercury	0.79	ug/g ww	395	6
14a	5	2015	Don Pedro Reservoir	L1	Largemouth Bass	I_536PDP167L1BOG15LMB02-01	536PDP167L1BOG15LMB02-01	Mercury	0.13	ug/g ww	207	2
14a	5	2015	Don Pedro Reservoir	L1	Largemouth Bass	I_536PDP167L1BOG15LMB02-02	536PDP167L1BOG15LMB02-02	Mercury	0.23	ug/g ww	222	2
14a	5	2015	Don Pedro Reservoir	L1	Largemouth Bass	I_536PDP167L1BOG15LMB02-04	536PDP167L1BOG15LMB02-04	Mercury	0.08	ug/g ww	223	2
14a	5	2015	Don Pedro Reservoir	L1	Largemouth Bass	I_536PDP167L1BOG15LMB02-03	536PDP167L1BOG15LMB02-03	Mercury	0.12	ug/g ww	232	3
14a	5	2015	Don Pedro Reservoir	L1	Largemouth Bass	I_536PDP167L1BOG15LMB02-05	536PDP167L1BOG15LMB02-05	Mercury	0.17	ug/g ww	235	2
14a	5	2015	Don Pedro Reservoir	L1	Largemouth Bass	I_536PDP167L1BOG15LMB02-06	536PDP167L1BOG15LMB02-06	Mercury	0.33	ug/g ww	330	4
14a	5	2015	Don Pedro Reservoir	L1	Largemouth Bass	I_536PDP167L1BOG15LMB03-01	536PDP167L1BOG15LMB03-01	Mercury	0.36	ug/g ww	332	5
14a	5	2015	Don Pedro Reservoir	L1	Largemouth Bass	I_536PDP167L1BOG15LMB03-02	536PDP167L1BOG15LMB03-02	Mercury	0.42	ug/g ww	375	6
14a	5	2015	Don Pedro Reservoir	L1	Largemouth Bass	I_536PDP167L1BOG15LMB03-03	536PDP167L1BOG15LMB03-03	Mercury	0.67	ug/g ww	550	10
14b	5	2015	Don Pedro Reservoir	L2	Largemouth Bass	I_536PDP167L2BOG15LMB04-01	536PDP167L2BOG15LMB04-01	Mercury	0.11	ug/g ww	211	2
14b	5	2015	Don Pedro Reservoir	L2	Largemouth Bass	I_536PDP167L2BOG15LMB04-02	536PDP167L2BOG15LMB04-02	Mercury	0.15	ug/g ww	225	2
14b	5	2015	Don Pedro Reservoir	L2	Largemouth Bass	I_536PDP167L2BOG15LMB04-04	536PDP167L2BOG15LMB04-04	Mercury	0.16	ug/g ww	257	2
14b	5	2015	Don Pedro Reservoir	L2	Largemouth Bass	I_536PDP167L2BOG15LMB04-03	536PDP167L2BOG15LMB04-03	Mercury	0.28	ug/g ww	265	3
14b	5	2015	Don Pedro Reservoir	L2	Largemouth Bass	I_536PDP167L2BOG15LMB04-05	536PDP167L2BOG15LMB04-05	Mercury	0.18	ug/g ww	325	4
14b	5	2015	Don Pedro Reservoir	L2	Largemouth Bass	I_536PDP167L2BOG15LMB04-06	536PDP167L2BOG15LMB04-06	Mercury	0.35	ug/g ww	339	5
14b	5	2015	Don Pedro Reservoir	L2	Largemouth Bass	I_536PDP167L2BOG15LMB04-07	536PDP167L2BOG15LMB04-07	Mercury	0.40	ug/g ww	353	6
14b	5	2015	Don Pedro Reservoir	L2	Largemouth Bass	I_536PDP167L2BOG15LMB05-01	536PDP167L2BOG15LMB05-01	Mercury	0.40	ug/g ww	360	6
14b	5	2015	Don Pedro Reservoir	L2	Largemouth Bass	I_536PDP167L2BOG15LMB05-02	536PDP167L2BOG15LMB05-02	Mercury	0.68	ug/g ww	406	7
14b	5	2015	Don Pedro Reservoir	L2	Largemouth Bass	I_536PDP167L2BOG15LMB05-03	536PDP167L2BOG15LMB05-03	Mercury	0.98	ug/g ww	530	10
18a	5	2015	Eastman Lake_BOG	L1	Largemouth Bass	I_539PEL194L1BOG15LMB02-01	539PEL194L1BOG15LMB02-01	Mercury	0.08	ug/g ww	211	2
18a	5	2015	Eastman Lake_BOG	L1	Largemouth Bass	I_539PEL194L1BOG15LMB02-02	539PEL194L1BOG15LMB02-02	Mercury	0.11	ug/g ww	214	2
18a	5	2015	Eastman Lake_BOG	L1	Largemouth Bass	I_539PEL194L1BOG15LMB02-03	539PEL194L1BOG15LMB02-03	Mercury	0.07	ug/g ww	225	3
18a	5	2015	Eastman Lake_BOG	L1	Largemouth Bass	I_539PEL194L1BOG15LMB02-04	539PEL194L1BOG15LMB02-04	Mercury	0.12	ug/g ww	265	4
18a	5	2015	Eastman Lake_BOG	L1	Largemouth Bass	I_539PEL194L1BOG15LMB02-05	539PEL194L1BOG15LMB02-05	Mercury	0.13	ug/g ww	305	5
18a	5	2015	Eastman Lake_BOG	L1	Largemouth Bass	I_539PEL194L1BOG15LMB02-06	539PEL194L1BOG15LMB02-06	Mercury	0.16	ug/g ww	324	5
18a	5	2015	Eastman Lake_BOG	L1	Largemouth Bass	I_539PEL194L1BOG15LMB02-07	539PEL194L1BOG15LMB02-07	Mercury	0.35	ug/g ww	350	6
18a	5	2015	Eastman Lake_BOG	L1	Largemouth Bass	I_539PEL194L1BOG15LMB02-10	539PEL194L1BOG15LMB02-10	Mercury	0.40	ug/g ww	362	6
18a	5	2015	Eastman Lake_BOG	L1	Largemouth Bass	I_539PEL194L1BOG15LMB02-08	539PEL194L1BOG15LMB02-08	Mercury	0.36	ug/g ww	376	7
18a	5	2015	Eastman Lake_BOG	L1	Largemouth Bass	I_539PEL194L1BOG15LMB02-09	539PEL194L1BOG15LMB02-09	Mercury	0.38	ug/g ww	393	8
18a	5	2015	Eastman Lake_BOG	L1	Largemouth Bass	I_539PEL194L1BOG15LMB02-11	539PEL194L1BOG15LMB02-11	Mercury	0.33	ug/g ww	408	8
18b	5	2015	Eastman Lake_BOG	L2	Largemouth Bass	I_539PEL194L2BOG15LMB03-01	539PEL194L2BOG15LMB03-01	Mercury	0.07	ug/g ww	205	2
18b	5	2015	Eastman Lake_BOG	L2	Largemouth Bass	I_539PEL194L2BOG15LMB03-02	539PEL194L2BOG15LMB03-02	Mercury	0.09	ug/g ww	247	2
18b	5	2015	Eastman Lake_BOG	L2	Largemouth Bass	I_539PEL194L2BOG15LMB03-04	539PEL194L2BOG15LMB03-04	Mercury	0.13	ug/g ww	297	4
18b	5	2015	Eastman Lake_BOG	L2	Largemouth Bass	I_539PEL194L2BOG15LMB03-03	539PEL194L2BOG15LMB03-03	Mercury	0.16	ug/g ww	300	4
18b	5	2015	Eastman Lake_BOG	L2	Largemouth Bass	I_539PEL194L2BOG15LMB03-05	539PEL194L2BOG15LMB03-05	Mercury	0.21	ug/g ww	325	5
18b	5	2015	Eastman Lake_BOG	L2	Largemouth Bass	I_539PEL194L2BOG15LMB03-06	539PEL194L2BOG15LMB03-06	Mercury	0.15	ug/g ww	328	5
18b	5	2015	Eastman Lake_BOG	L2	Largemouth Bass	I_539PEL194L2BOG15LMB03-07	539PEL194L2BOG15LMB03-07	Mercury	0.48	ug/g ww	377	7
18b	5	2015	Eastman Lake_BOG	L2	Largemouth Bass	I_539PEL194L2BOG15LMB03-10	539PEL194L2BOG15LMB03-10	Mercury	0.40	ug/g ww	384	7
18b	5	2015	Eastman Lake_BOG	L2	Largemouth Bass	I_539PEL194L2BOG15LMB03-09	539PEL194L2BOG15LMB03-09	Mercury	0.43	ug/g ww	387	7
18b	5	2015	Eastman Lake_BOG	L2	Largemouth Bass	I_539PEL194L2BOG15LMB03-08	539PEL194L2BOG15LMB03-08	Mercury	0.49	ug/g ww	400	8

Map Label	Regional Board	Sample Year	Station Name	Location Code	Common Name	SampleID	OrganismID	Parameter	Result	Unit Name	Total Length (mm)	Age (year)
18b	5	2015	Eastman Lake_BOG	L2	Largemouth Bass	I_539PEL194L2BOG15LMB03-11	539PEL194L2BOG15LMB03-11	Mercury	0.28	ug/g ww	426	10
8a	5	2015	Folsom Lake	L1	Smallmouth Bass	I_514PFL177L1BOG15SMB02-01	514PFL177L1BOG15SMB02-01	Mercury	0.18	ug/g ww	210	2
8a	5	2015	Folsom Lake	L1	Smallmouth Bass	I_514PFL177L1BOG15SMB02-02	514PFL177L1BOG15SMB02-02	Mercury	0.30	ug/g ww	231	2
8a	5	2015	Folsom Lake	L1	Smallmouth Bass	I_514PFL177L1BOG15SMB02-03	514PFL177L1BOG15SMB02-03	Mercury	0.32	ug/g ww	274	3
8a	5	2015	Folsom Lake	L1	Smallmouth Bass	I_514PFL177L1BOG15SMB02-04	514PFL177L1BOG15SMB02-04	Mercury	0.25	ug/g ww	285	3
8a	5	2015	Folsom Lake	L1	Smallmouth Bass	I_514PFL177L1BOG15SMB02-05	514PFL177L1BOG15SMB02-05	Mercury	0.34	ug/g ww	359	6
8a	5	2015	Folsom Lake	L1	Smallmouth Bass	I_514PFL177L1BOG15SMB02-07	514PFL177L1BOG15SMB02-07	Mercury	0.25	ug/g ww	363	6
8a	5	2015	Folsom Lake	L1	Smallmouth Bass	I_514PFL177L1BOG15SMB02-10	514PFL177L1BOG15SMB02-10	Mercury	0.71	ug/g ww	369	7
8a	5	2015	Folsom Lake	L1	Smallmouth Bass	I_514PFL177L1BOG15SMB02-06	514PFL177L1BOG15SMB02-06	Mercury	0.39	ug/g ww	377	6
8a	5	2015	Folsom Lake	L1	Smallmouth Bass	I_514PFL177L1BOG15SMB02-09	514PFL177L1BOG15SMB02-09	Mercury	0.53	ug/g ww	391	7
8a	5	2015	Folsom Lake	L1	Smallmouth Bass	I_514PFL177L1BOG15SMB02-08	514PFL177L1BOG15SMB02-08	Mercury	0.44	ug/g ww	404	8
8a	5	2015	Folsom Lake	L1	Smallmouth Bass	I_514PFL177L1BOG15SMB02-11	514PFL177L1BOG15SMB02-11	Mercury	1.00	ug/g ww	427	9
8b	5	2015	Folsom Lake	L2	Smallmouth Bass	I_514PFL177L2BOG15SMB03-01	514PFL177L2BOG15SMB03-01	Mercury	0.19	ug/g ww	211	2
8b	5	2015	Folsom Lake	L2	Smallmouth Bass	I_514PFL177L2BOG15SMB03-02	514PFL177L2BOG15SMB03-02	Mercury	0.16	ug/g ww	246	2
8b	5	2015	Folsom Lake	L2	Smallmouth Bass	I_514PFL177L2BOG15SMB03-03	514PFL177L2BOG15SMB03-03	Mercury	0.30	ug/g ww	253	3
8b	5	2015	Folsom Lake	L2	Smallmouth Bass	I_514PFL177L2BOG15SMB03-04	514PFL177L2BOG15SMB03-04	Mercury	0.26	ug/g ww	279	3
8b	5	2015	Folsom Lake	L2	Smallmouth Bass	I_514PFL177L2BOG15SMB03-05	514PFL177L2BOG15SMB03-05	Mercury	0.34	ug/g ww	294	4
8b	5	2015	Folsom Lake	L2	Smallmouth Bass	I_514PFL177L2BOG15SMB03-07	514PFL177L2BOG15SMB03-07	Mercury	0.25	ug/g ww	305	5
8b	5	2015	Folsom Lake	L2	Smallmouth Bass	I_514PFL177L2BOG15SMB03-06	514PFL177L2BOG15SMB03-06	Mercury	0.17	ug/g ww	306	4
8b	5	2015	Folsom Lake	L2	Smallmouth Bass	I_514PFL177L2BOG15SMB03-08	514PFL177L2BOG15SMB03-08	Mercury	0.30	ug/g ww	339	6
8b	5	2015	Folsom Lake	L2	Smallmouth Bass	I_514PFL177L2BOG15SMB03-10	514PFL177L2BOG15SMB03-10	Mercury	0.27	ug/g ww	345	6
8b	5	2015	Folsom Lake	L2	Smallmouth Bass	I_514PFL177L2BOG15SMB03-09	514PFL177L2BOG15SMB03-09	Mercury	0.59	ug/g ww	352	7
8b	5	2015	Folsom Lake	L2	Smallmouth Bass	I_514PFL177L2BOG15SMB03-11	514PFL177L2BOG15SMB03-11	Mercury	1.34	ug/g ww	495	9
9a	5	2015	Lake Berryessa	L1	Largemouth Bass	I_511PLB077L1BOG15LMB02-01	511PLB077L1BOG15LMB02-01	Mercury	0.36	ug/g ww	222	2
9a	5	2015	Lake Berryessa	L1	Largemouth Bass	I_511PLB077L1BOG15LMB02-02	511PLB077L1BOG15LMB02-02	Mercury	0.16	ug/g ww	238	3
9a	5	2015	Lake Berryessa	L1	Largemouth Bass	I_511PLB077L1BOG15LMB02-04	511PLB077L1BOG15LMB02-04	Mercury	0.17	ug/g ww	255	4
9a	5	2015	Lake Berryessa	L1	Largemouth Bass	I_511PLB077L1BOG15LMB02-03	511PLB077L1BOG15LMB02-03	Mercury	0.43	ug/g ww	260	3
9a	5	2015	Lake Berryessa	L1	Largemouth Bass	I_511PLB077L1BOG15LMB02-07	511PLB077L1BOG15LMB02-07	Mercury	1.57	ug/g ww	357	5
9a	5	2015	Lake Berryessa	L1	Largemouth Bass	I_511PLB077L1BOG15LMB02-05	511PLB077L1BOG15LMB02-05	Mercury	0.47	ug/g ww	365	5
9a	5	2015	Lake Berryessa	L1	Largemouth Bass	I_511PLB077L1BOG15LMB02-06	511PLB077L1BOG15LMB02-06	Mercury	0.48	ug/g ww	368	5
9a	5	2015	Lake Berryessa	L1	Largemouth Bass	I_511PLB077L1BOG15LMB02-10	511PLB077L1BOG15LMB02-10	Mercury	0.54	ug/g ww	375	6
9a	5	2015	Lake Berryessa	L1	Largemouth Bass	I_511PLB077L1BOG15LMB02-09	511PLB077L1BOG15LMB02-09	Mercury	1.05	ug/g ww	392	7
9a	5	2015	Lake Berryessa	L1	Largemouth Bass	I_511PLB077L1BOG15LMB02-08	511PLB077L1BOG15LMB02-08	Mercury	0.51	ug/g ww	395	7
9a	5	2015	Lake Berryessa	L1	Largemouth Bass	I_511PLB077L1BOG15LMB02-11	511PLB077L1BOG15LMB02-11	Mercury	0.66	ug/g ww	430	9
9b	5	2015	Lake Berryessa	L2	Largemouth Bass	I_511PLB077L2BOG15LMB03-01	511PLB077L2BOG15LMB03-01	Mercury	0.14	ug/g ww	205	2
9b	5	2015	Lake Berryessa	L2	Largemouth Bass	I_511PLB077L2BOG15LMB03-02	511PLB077L2BOG15LMB03-02	Mercury	0.09	ug/g ww	225	2
9b	5	2015	Lake Berryessa	L2	Largemouth Bass	I_511PLB077L2BOG15LMB03-03	511PLB077L2BOG15LMB03-03	Mercury	0.15	ug/g ww	251	3
9b	5	2015	Lake Berryessa	L2	Largemouth Bass	I_511PLB077L2BOG15LMB03-04	511PLB077L2BOG15LMB03-04	Mercury	0.25	ug/g ww	278	3
9b	5	2015	Lake Berryessa	L2	Largemouth Bass	I_511PLB077L2BOG15LMB03-05	511PLB077L2BOG15LMB03-05	Mercury	0.34	ug/g ww	300	4
9b	5	2015	Lake Berryessa	L2	Largemouth Bass	I_511PLB077L2BOG15LMB03-07	511PLB077L2BOG15LMB03-07	Mercury	0.31	ug/g ww	340	6
9b	5	2015	Lake Berryessa	L2	Largemouth Bass	I_511PLB077L2BOG15LMB03-08	511PLB077L2BOG15LMB03-08	Mercury	0.41	ug/g ww	355	6
9b	5	2015	Lake Berryessa	L2	Largemouth Bass	I_511PLB077L2BOG15LMB03-06	511PLB077L2BOG15LMB03-06	Mercury	0.80	ug/g ww	375	7
9b	5	2015	Lake Berryessa	L2	Largemouth Bass	I_511PLB077L2BOG15LMB03-09	511PLB077L2BOG15LMB03-09	Mercury	0.94	ug/g ww	395	8
9b	5	2015	Lake Berryessa	L2	Largemouth Bass	I_511PLB077L2BOG15LMB03-10	511PLB077L2BOG15LMB03-10	Mercury	0.94	ug/g ww	430	10
9b	5	2015	Lake Berryessa	L2	Largemouth Bass	I_511PLB077L2BOG15LMB03-11	511PLB077L2BOG15LMB03-11	Mercury	0.81	ug/g ww	465	12
9c	5	2015	Lake Berryessa	L3	Largemouth Bass	I_511PLB077L3BOG15LMB04-01	511PLB077L3BOG15LMB04-01	Mercury	0.21	ug/g ww	220	2
9c	5	2015	Lake Berryessa	L3	Largemouth Bass	I_511PLB077L3BOG15LMB04-02	511PLB077L3BOG15LMB04-02	Mercury	0.21	ug/g ww	242	3
9c	5	2015	Lake Berryessa	L3	Largemouth Bass	I_511PLB077L3BOG15LMB04-03	511PLB077L3BOG15LMB04-03	Mercury	0.19	ug/g ww	255	3
9c	5	2015	Lake Berryessa	L3	Largemouth Bass	I_511PLB077L3BOG15LMB04-04	511PLB077L3BOG15LMB04-04	Mercury	0.33	ug/g ww	292	3
9c	5	2015	Lake Berryessa	L3	Largemouth Bass	I_511PLB077L3BOG15LMB04-05	511PLB077L3BOG15LMB04-05	Mercury	0.24	ug/g ww	305	4
9c	5	2015	Lake Berryessa	L3	Largemouth Bass	I_511PLB077L3BOG15LMB04-07	511PLB077L3BOG15LMB04-07	Mercury	0.33	ug/g ww	306	4
9c	5	2015	Lake Berryessa	L3	Largemouth Bass	I_511PLB077L3BOG15LMB04-06	511PLB077L3BOG15LMB04-06	Mercury	0.38	ug/g ww	310	5
9c	5	2015	Lake Berryessa	L3	Largemouth Bass	I_511PLB077L3BOG15LMB04-08	511PLB077L3BOG15LMB04-08	Mercury	0.30	ug/g ww	315	5

Map Label	Regional Board	Sample Year	Station Name	Location Code	Common Name	SampleID	OrganismID	Parameter	Result	Unit Name	Total Length (mm)	Age (year)
9c	5	2015	Lake Berryessa	L3	Largemouth Bass	I_511PLB077L3BOG15LMB04-09	511PLB077L3BOG15LMB04-09	Mercury	0.63	ug/g ww	350	7
9c	5	2015	Lake Berryessa	L3	Largemouth Bass	I_511PLB077L3BOG15LMB04-10	511PLB077L3BOG15LMB04-10	Mercury	0.63	ug/g ww	356	8
9c	5	2015	Lake Berryessa	L3	Largemouth Bass	I_511PLB077L3BOG15LMB04-11	511PLB077L3BOG15LMB04-11	Mercury	1.33	ug/g ww	420	11
2	5	2015	Lake Britton	NA	Smallmouth Bass	I_526PLB101BOG15SMB02-01	526PLB101BOG15SMB02-01	Mercury	0.06	ug/g ww	225	2
2	5	2015	Lake Britton	NA	Smallmouth Bass	I_526PLB101BOG15SMB02-02	526PLB101BOG15SMB02-02	Mercury	0.06	ug/g ww	230	2
2	5	2015	Lake Britton	NA	Smallmouth Bass	I_526PLB101BOG15SMB02-03	526PLB101BOG15SMB02-03	Mercury	0.04	ug/g ww	254	3
2	5	2015	Lake Britton	NA	Smallmouth Bass	I_526PLB101BOG15SMB02-04	526PLB101BOG15SMB02-04	Mercury	0.05	ug/g ww	282	3
2	5	2015	Lake Britton	NA	Smallmouth Bass	I_526PLB101BOG15SMB02-09	526PLB101BOG15SMB02-09	Mercury	0.07	ug/g ww	308	4
2	5	2015	Lake Britton	NA	Smallmouth Bass	I_526PLB101BOG15SMB02-07	526PLB101BOG15SMB02-07	Mercury	0.08	ug/g ww	335	5
2	5	2015	Lake Britton	NA	Smallmouth Bass	I_526PLB101BOG15SMB02-06	526PLB101BOG15SMB02-06	Mercury	0.05	ug/g ww	338	5
2	5	2015	Lake Britton	NA	Smallmouth Bass	I_526PLB101BOG15SMB02-08	526PLB101BOG15SMB02-08	Mercury	0.07	ug/g ww	344	5
2	5	2015	Lake Britton	NA	Smallmouth Bass	I_526PLB101BOG15SMB02-05	526PLB101BOG15SMB02-05	Mercury	0.08	ug/g ww	348	6
2	5	2015	Lake Britton	NA	Smallmouth Bass	I_526PLB101BOG15SMB02-10	526PLB101BOG15SMB02-10	Mercury	0.29	ug/g ww	349	5
2	5	2015	Lake Britton	NA	Smallmouth Bass	I_526PLB101BOG15SMB02-11	526PLB101BOG15SMB02-11	Mercury	0.06	ug/g ww	403	7
15a	5	2015	Lake McClure	L1	Largemouth Bass	I_537PLM215L1BOG15LMB02-01	537PLM215L1BOG15LMB02-01	Mercury	0.16	ug/g ww	220	2
15a	5	2015	Lake McClure	L1	Largemouth Bass	I_537PLM215L1BOG15LMB02-02	537PLM215L1BOG15LMB02-02	Mercury	0.21	ug/g ww	230	3
15a	5	2015	Lake McClure	L1	Largemouth Bass	I_537PLM215L1BOG15LMB02-03	537PLM215L1BOG15LMB02-03	Mercury	0.18	ug/g ww	259	3
15a	5	2015	Lake McClure	L1	Largemouth Bass	I_537PLM215L1BOG15LMB02-04	537PLM215L1BOG15LMB02-04	Mercury	0.18	ug/g ww	262	4
15a	5	2015	Lake McClure	L1	Largemouth Bass	I_537PLM215L1BOG15LMB02-06	537PLM215L1BOG15LMB02-06	Mercury	0.22	ug/g ww	295	5
15a	5	2015	Lake McClure	L1	Largemouth Bass	I_537PLM215L1BOG15LMB02-05	537PLM215L1BOG15LMB02-05	Mercury	0.33	ug/g ww	297	5
15a	5	2015	Lake McClure	L1	Largemouth Bass	I_537PLM215L1BOG15LMB02-07	537PLM215L1BOG15LMB02-07	Mercury	0.82	ug/g ww	330	5
15a	5	2015	Lake McClure	L1	Largemouth Bass	I_537PLM215L1BOG15LMB03-01	537PLM215L1BOG15LMB03-01	Mercury	0.48	ug/g ww	348	6
15a	5	2015	Lake McClure	L1	Largemouth Bass	I_537PLM215L1BOG15LMB03-02	537PLM215L1BOG15LMB03-02	Mercury	0.97	ug/g ww	371	7
15a	5	2015	Lake McClure	L1	Largemouth Bass	I_537PLM215L1BOG15LMB03-03	537PLM215L1BOG15LMB03-03	Mercury	0.70	ug/g ww	390	7
15a	5	2015	Lake McClure	L1	Largemouth Bass	I_537PLM215L1BOG15LMB03-04	537PLM215L1BOG15LMB03-04	Mercury	0.64	ug/g ww	422	9
15b	5	2015	Lake McClure	L2	Largemouth Bass	I_537PLM215L2BOG15LMB04-02	537PLM215L2BOG15LMB04-02	Mercury	0.15	ug/g ww	220	2
15b	5	2015	Lake McClure	L2	Largemouth Bass	I_537PLM215L2BOG15LMB04-01	537PLM215L2BOG15LMB04-01	Mercury	0.17	ug/g ww	233	2
15b	5	2015	Lake McClure	L2	Largemouth Bass	I_537PLM215L2BOG15LMB04-03	537PLM215L2BOG15LMB04-03	Mercury	0.12	ug/g ww	242	2
15b	5	2015	Lake McClure	L2	Largemouth Bass	I_537PLM215L2BOG15LMB04-04	537PLM215L2BOG15LMB04-04	Mercury	0.12	ug/g ww	271	3
15b	5	2015	Lake McClure	L2	Largemouth Bass	I_537PLM215L2BOG15LMB04-05	537PLM215L2BOG15LMB04-05	Mercury	0.15	ug/g ww	272	3
15b	5	2015	Lake McClure	L2	Largemouth Bass	I_537PLM215L2BOG15LMB04-06	537PLM215L2BOG15LMB04-06	Mercury	0.26	ug/g ww	310	4
15b	5	2015	Lake McClure	L2	Largemouth Bass	I_537PLM215L2BOG15LMB04-07	537PLM215L2BOG15LMB04-07	Mercury	0.40	ug/g ww	335	5
15b	5	2015	Lake McClure	L2	Largemouth Bass	I_537PLM215L2BOG15LMB05-02	537PLM215L2BOG15LMB05-02	Mercury	1.05	ug/g ww	371	7
15b	5	2015	Lake McClure	L2	Largemouth Bass	I_537PLM215L2BOG15LMB05-01	537PLM215L2BOG15LMB05-01	Mercury	0.50	ug/g ww	371	6
15b	5	2015	Lake McClure	L2	Largemouth Bass	I_537PLM215L2BOG15LMB05-03	537PLM215L2BOG15LMB05-03	Mercury	0.87	ug/g ww	425	7
15b	5	2015	Lake McClure	L2	Largemouth Bass	I_537PLM215L2BOG15LMB05-04	537PLM215L2BOG15LMB05-04	Mercury	0.59	ug/g ww	428	7
15c	5	2015	Lake McClure	L3	Largemouth Bass	I_537PLM215L3BOG15LMB06-01	537PLM215L3BOG15LMB06-01	Mercury	0.07	ug/g ww	209	2
15c	5	2015	Lake McClure	L3	Largemouth Bass	I_537PLM215L3BOG15LMB06-02	537PLM215L3BOG15LMB06-02	Mercury	0.08	ug/g ww	235	2
15c	5	2015	Lake McClure	L3	Largemouth Bass	I_537PLM215L3BOG15LMB06-03	537PLM215L3BOG15LMB06-03	Mercury	0.07	ug/g ww	255	3
15c	5	2015	Lake McClure	L3	Largemouth Bass	I_537PLM215L3BOG15LMB06-04	537PLM215L3BOG15LMB06-04	Mercury	0.13	ug/g ww	257	3
15c	5	2015	Lake McClure	L3	Largemouth Bass	I_537PLM215L3BOG15LMB06-05	537PLM215L3BOG15LMB06-05	Mercury	0.13	ug/g ww	280	4
15c	5	2015	Lake McClure	L3	Largemouth Bass	I_537PLM215L3BOG15LMB06-06	537PLM215L3BOG15LMB06-06	Mercury	0.20	ug/g ww	332	5
15c	5	2015	Lake McClure	L3	Largemouth Bass	I_537PLM215L3BOG15LMB06-07	537PLM215L3BOG15LMB06-07	Mercury	0.51	ug/g ww	355	6
15c	5	2015	Lake McClure	L3	Largemouth Bass	I_537PLM215L3BOG15LMB07-01	537PLM215L3BOG15LMB07-01	Mercury	0.49	ug/g ww	400	8
15c	5	2015	Lake McClure	L3	Largemouth Bass	I_537PLM215L3BOG15LMB07-03	537PLM215L3BOG15LMB07-03	Mercury	0.67	ug/g ww	406	7
15c	5	2015	Lake McClure	L3	Largemouth Bass	I_537PLM215L3BOG15LMB07-02	537PLM215L3BOG15LMB07-02	Mercury	0.47	ug/g ww	432	10
15c	5	2015	Lake McClure	L3	Largemouth Bass	I_537PLM215L3BOG15LMB07-04	537PLM215L3BOG15LMB07-04	Mercury	0.48	ug/g ww	432	9
16	5	2015	Lake McSwain	NA	Smallmouth Bass	I_537PLM116BOG15SMB02-01	537PLM116BOG15SMB02-01	Mercury	0.04	ug/g ww	230	2
16	5	2015	Lake McSwain	NA	Smallmouth Bass	I_537PLM116BOG15SMB02-02	537PLM116BOG15SMB02-02	Mercury	0.24	ug/g ww	235	3
16	5	2015	Lake McSwain	NA	Smallmouth Bass	I_537PLM116BOG15SMB02-03	537PLM116BOG15SMB02-03	Mercury	0.15	ug/g ww	270	4
16	5	2015	Lake McSwain	NA	Smallmouth Bass	I_537PLM116BOG15SMB02-06	537PLM116BOG15SMB02-06	Mercury	0.15	ug/g ww	286	4
16	5	2015	Lake McSwain	NA	Smallmouth Bass	I_537PLM116BOG15SMB02-04	537PLM116BOG15SMB02-04	Mercury	0.12	ug/g ww	288	4
16	5	2015	Lake McSwain	NA	Smallmouth Bass	I_537PLM116BOG15SMB02-05	537PLM116BOG15SMB02-05	Mercury	0.09	ug/g ww	288	4

Map Label	Regional Board	Sample Year	Station Name	Location Code	Common Name	SampleID	OrganismID	Parameter	Result	Unit Name	Total Length (mm)	Age (year)
16	5	2015	Lake McSwain	NA	Smallmouth Bass	I_537PLM116BOG15SMB02-07	537PLM116BOG15SMB02-07	Mercury	0.16	ug/g ww	290	4
16	5	2015	Lake McSwain	NA	Smallmouth Bass	I_537PLM116BOG15SMB02-09	537PLM116BOG15SMB02-09	Mercury	0.17	ug/g ww	315	5
16	5	2015	Lake McSwain	NA	Smallmouth Bass	I_537PLM116BOG15SMB02-10	537PLM116BOG15SMB02-10	Mercury	0.12	ug/g ww	315	5
16	5	2015	Lake McSwain	NA	Smallmouth Bass	I_537PLM116BOG15SMB02-08	537PLM116BOG15SMB02-08	Mercury	0.19	ug/g ww	328	5
16	5	2015	Lake McSwain	NA	Smallmouth Bass	I_537PLM116BOG15SMB02-11	537PLM116BOG15SMB02-11	Mercury	0.44	ug/g ww	430	9
12a	5	2015	New Melones Lake	L1	Largemouth Bass	I_534PNM092L1BOG15LMB02-01	534PNM092L1BOG15LMB02-01	Mercury	0.13	ug/g ww	241	2
12a	5	2015	New Melones Lake	L1	Largemouth Bass	I_534PNM092L1BOG15LMB02-02	534PNM092L1BOG15LMB2-02	Mercury	0.13	ug/g ww	246	2
12a	5	2015	New Melones Lake	L1	Largemouth Bass	I_534PNM092L1BOG15LMB02-03	534PNM092L1BOG15LMB2-03	Mercury	0.13	ug/g ww	252	3
12a	5	2015	New Melones Lake	L1	Largemouth Bass	I_534PNM092L1BOG15LMB02-04	534PNM092L1BOG15LMB2-04	Mercury	0.42	ug/g ww	253	3
12a	5	2015	New Melones Lake	L1	Largemouth Bass	I_534PNM092L1BOG15LMB02-05	534PNM092L1BOG15LMB2-05	Mercury	0.17	ug/g ww	270	3
12a	5	2015	New Melones Lake	L1	Largemouth Bass	I_534PNM092L1BOG15LMB02-06	534PNM092L1BOG15LMB2-06	Mercury	0.24	ug/g ww	301	3
12a	5	2015	New Melones Lake	L1	Largemouth Bass	I_534PNM092L1BOG15LMB02-08	534PNM092L1BOG15LMB2-08	Mercury	0.21	ug/g ww	310	4
12a	5	2015	New Melones Lake	L1	Largemouth Bass	I_534PNM092L1BOG15LMB02-07	534PNM092L1BOG15LMB2-07	Mercury	0.21	ug/g ww	332	4
12a	5	2015	New Melones Lake	L1	Largemouth Bass	I_534PNM092L1BOG15LMB02-09	534PNM092L1BOG15LMB2-09	Mercury	0.55	ug/g ww	382	6
12a	5	2015	New Melones Lake	L1	Largemouth Bass	I_534PNM092L1BOG15LMB02-10	534PNM092L1BOG15LMB2-10	Mercury	0.30	ug/g ww	396	6
12a	5	2015	New Melones Lake	L1	Largemouth Bass	I_534PNM092L1BOG15LMB02-11	534PNM092L1BOG15LMB2-11	Mercury	0.95	ug/g ww	472	8
12b	5	2015	New Melones Lake	L2	Largemouth Bass	I_534PNM092L2BOG15LMB03-02	534PNM092L2BOG15LMB3-02	Mercury	0.14	ug/g ww	236	2
12b	5	2015	New Melones Lake	L2	Largemouth Bass	I_534PNM092L2BOG15LMB03-01	534PNM092L2BOG15LMB3-01	Mercury	0.14	ug/g ww	239	2
12b	5	2015	New Melones Lake	L2	Largemouth Bass	I_534PNM092L2BOG15LMB03-03	534PNM092L2BOG15LMB3-03	Mercury	0.17	ug/g ww	250	3
12b	5	2015	New Melones Lake	L2	Largemouth Bass	I_534PNM092L2BOG15LMB03-04	534PNM092L2BOG15LMB3-04	Mercury	0.15	ug/g ww	270	3
12b	5	2015	New Melones Lake	L2	Largemouth Bass	I_534PNM092L2BOG15LMB03-07	534PNM092L2BOG15LMB3-07	Mercury	0.18	ug/g ww	309	4
12b	5	2015	New Melones Lake	L2	Largemouth Bass	I_534PNM092L2BOG15LMB03-06	534PNM092L2BOG15LMB3-06	Mercury	0.18	ug/g ww	330	4
12b	5	2015	New Melones Lake	L2	Largemouth Bass	I_534PNM092L2BOG15LMB03-08	534PNM092L2BOG15LMB3-08	Mercury	0.31	ug/g ww	352	5
12b	5	2015	New Melones Lake	L2	Largemouth Bass	I_534PNM092L2BOG15LMB03-05	534PNM092L2BOG15LMB3-05	Mercury	0.21	ug/g ww	353	5
12b	5	2015	New Melones Lake	L2	Largemouth Bass	I_534PNM092L2BOG15LMB03-11	534PNM092L2BOG15LMB3-11	Mercury	0.28	ug/g ww	377	6
12b	5	2015	New Melones Lake	L2	Largemouth Bass	I_534PNM092L2BOG15LMB03-09	534PNM092L2BOG15LMB3-09	Mercury	0.38	ug/g ww	390	7
12b	5	2015	New Melones Lake	L2	Largemouth Bass	I_534PNM092L2BOG15LMB03-10	534PNM092L2BOG15LMB3-10	Mercury	0.97	ug/g ww	408	7
19a	5	2015	O'Neill Forebay	L1	Largemouth Bass	I_541POF104L1BOG15LMB01-01	541POF104L1BOG15LMB01-01	Mercury	0.15	ug/g ww	200	2
19a	5	2015	O'Neill Forebay	L1	Largemouth Bass	I_541POF104L1BOG15LMB01-02	541POF104L1BOG15LMB01-02	Mercury	0.16	ug/g ww	230	3
19a	5	2015	O'Neill Forebay	L1	Largemouth Bass	I_541POF104L1BOG15LMB01-03	541POF104L1BOG15LMB01-03	Mercury	0.19	ug/g ww	255	4
19a	5	2015	O'Neill Forebay	L1	Largemouth Bass	I_541POF104L1BOG15LMB01-04	541POF104L1BOG15LMB01-04	Mercury	0.21	ug/g ww	265	4
19a	5	2015	O'Neill Forebay	L1	Largemouth Bass	I_541POF104L1BOG15LMB01-05	541POF104L1BOG15LMB01-05	Mercury	0.23	ug/g ww	307	4
19a	5	2015	O'Neill Forebay	L1	Largemouth Bass	I_541POF104L1BOG15LMB01-07	541POF104L1BOG15LMB01-07	Mercury	0.23	ug/g ww	315	4
19a	5	2015	O'Neill Forebay	L1	Largemouth Bass	I_541POF104L1BOG15LMB01-08	541POF104L1BOG15LMB01-08	Mercury	0.23	ug/g ww	332	5
19a	5	2015	O'Neill Forebay	L1	Largemouth Bass	I_541POF104L1BOG15LMB01-06	541POF104L1BOG15LMB01-06	Mercury	0.21	ug/g ww	353	5
19a	5	2015	O'Neill Forebay	L1	Largemouth Bass	I_541POF104L1BOG15LMB01-09	541POF104L1BOG15LMB01-09	Mercury	0.18	ug/g ww	370	6
19a	5	2015	O'Neill Forebay	L1	Largemouth Bass	I_541POF104L1BOG15LMB01-10	541POF104L1BOG15LMB01-10	Mercury	0.37	ug/g ww	420	8
19a	5	2015	O'Neill Forebay	L1	Largemouth Bass	I_541POF104L1BOG15LMB01-11	541POF104L1BOG15LMB01-11	Mercury	0.34	ug/g ww	525	11
19b	5	2015	O'Neill Forebay	L2	Largemouth Bass	I_541POF104L2BOG15LMB01-02	541POF104L2BOG15LMB01-02	Mercury	0.09	ug/g ww	204	2
19b	5	2015	O'Neill Forebay	L2	Largemouth Bass	I_541POF104L2BOG15LMB01-01	541POF104L2BOG15LMB01-01	Mercury	0.18	ug/g ww	205	2
19b	5	2015	O'Neill Forebay	L2	Largemouth Bass	I_541POF104L2BOG15LMB01-03	541POF104L2BOG15LMB01-03	Mercury	0.22	ug/g ww	265	3
19b	5	2015	O'Neill Forebay	L2	Largemouth Bass	I_541POF104L2BOG15LMB01-04	541POF104L2BOG15LMB01-04	Mercury	0.12	ug/g ww	280	4
19b	5	2015	O'Neill Forebay	L2	Largemouth Bass	I_541POF104L2BOG15LMB01-06	541POF104L2BOG15LMB01-06	Mercury	0.24	ug/g ww	309	4
19b	5	2015	O'Neill Forebay	L2	Largemouth Bass	I_541POF104L2BOG15LMB01-05	541POF104L2BOG15LMB01-05	Mercury	0.22	ug/g ww	316	4
19b	5	2015	O'Neill Forebay	L2	Largemouth Bass	I_541POF104L2BOG15LMB01-07	541POF104L2BOG15LMB01-07	Mercury	0.28	ug/g ww	339	5
19b	5	2015	O'Neill Forebay	L2	Largemouth Bass	I_541POF104L2BOG15LMB01-08	541POF104L2BOG15LMB01-08	Mercury	0.30	ug/g ww	343	5
19b	5	2015	O'Neill Forebay	L2	Largemouth Bass	I_541POF104L2BOG15LMB01-10	541POF104L2BOG15LMB01-10	Mercury	0.28	ug/g ww	347	5
19b	5	2015	O'Neill Forebay	L2	Largemouth Bass	I_541POF104L2BOG15LMB01-09	541POF104L2BOG15LMB01-09	Mercury	0.39	ug/g ww	354	5
19b	5	2015	O'Neill Forebay	L2	Largemouth Bass	I_541POF104L2BOG15LMB01-11	541POF104L2BOG15LMB01-11	Mercury	0.40	ug/g ww	465	9
3a	5	2015	Shasta Lake	L1	Smallmouth Bass	I_506PSH018L1BOG15SMB01-01	506PSH018L1BOG15SMB01-01	Mercury	0.05	ug/g ww	220	2
3a	5	2015	Shasta Lake	L1	Smallmouth Bass	I_506PSH018L1BOG15SMB01-02	506PSH018L1BOG15SMB01-02	Mercury	0.03	ug/g ww	223	2
3a	5	2015	Shasta Lake	L1	Smallmouth Bass	I_506PSH018L1BOG15SMB01-03	506PSH018L1BOG15SMB01-03	Mercury	0.04	ug/g ww	233	2
3a	5	2015	Shasta Lake	L1	Smallmouth Bass	I_506PSH018L1BOG15SMB01-04	506PSH018L1BOG15SMB01-04	Mercury	0.06	ug/g ww	256	3

Map Label	Regional Board	Sample Year	Station Name	Location Code	Common Name	SampleID	OrganismID	Parameter	Result	Unit Name	Total Length (mm)	Age (year)
3a	5	2015	Shasta Lake	L1	Smallmouth Bass	I_506PSH018L1BOG15SMB01-05	506PSH018L1BOG15SMB01-05	Mercury	0.06	ug/g ww	306	4
3a	5	2015	Shasta Lake	L1	Smallmouth Bass	I_506PSH018L1BOG15SMB01-07	506PSH018L1BOG15SMB01-07	Mercury	0.19	ug/g ww	325	5
3a	5	2015	Shasta Lake	L1	Smallmouth Bass	I_506PSH018L1BOG15SMB01-09	506PSH018L1BOG15SMB01-09	Mercury	0.10	ug/g ww	326	4
3a	5	2015	Shasta Lake	L1	Smallmouth Bass	I_506PSH018L1BOG15SMB01-08	506PSH018L1BOG15SMB01-08	Mercury	0.14	ug/g ww	346	5
3a	5	2015	Shasta Lake	L1	Smallmouth Bass	I_506PSH018L1BOG15SMB01-06	506PSH018L1BOG15SMB01-06	Mercury	0.16	ug/g ww	365	5
3a	5	2015	Shasta Lake	L1	Smallmouth Bass	I_506PSH018L1BOG15SMB01-10	506PSH018L1BOG15SMB01-10	Mercury	0.10	ug/g ww	432	8
3a	5	2015	Shasta Lake	L1	Smallmouth Bass	I_506PSH018L1BOG15SMB01-11	506PSH018L1BOG15SMB01-11	Mercury	0.26	ug/g ww	455	9
3b	5	2015	Shasta Lake	L2	Smallmouth Bass	I_506PSH018L2BOG15SMB02-01	506PSH018L2BOG15SMB02-01	Mercury	0.13	ug/g ww	221	2
3b	5	2015	Shasta Lake	L2	Smallmouth Bass	I_506PSH018L2BOG15SMB02-02	506PSH018L2BOG15SMB02-02	Mercury	0.08	ug/g ww	233	2
3b	5	2015	Shasta Lake	L2	Smallmouth Bass	I_506PSH018L2BOG15SMB02-03	506PSH018L2BOG15SMB02-03	Mercury	0.11	ug/g ww	276	3
3b	5	2015	Shasta Lake	L2	Smallmouth Bass	I_506PSH018L2BOG15SMB02-04	506PSH018L2BOG15SMB02-04	Mercury	0.07	ug/g ww	293	4
3b	5	2015	Shasta Lake	L2	Smallmouth Bass	I_506PSH018L2BOG15SMB02-06	506PSH018L2BOG15SMB02-06	Mercury	0.13	ug/g ww	307	4
3b	5	2015	Shasta Lake	L2	Smallmouth Bass	I_506PSH018L2BOG15SMB02-07	506PSH018L2BOG15SMB02-07	Mercury	0.11	ug/g ww	311	4
3b	5	2015	Shasta Lake	L2	Smallmouth Bass	I_506PSH018L2BOG15SMB02-05	506PSH018L2BOG15SMB02-05	Mercury	0.05	ug/g ww	315	4
3b	5	2015	Shasta Lake	L2	Smallmouth Bass	I_506PSH018L2BOG15SMB02-08	506PSH018L2BOG15SMB02-08	Mercury	0.17	ug/g ww	348	5
3b	5	2015	Shasta Lake	L2	Smallmouth Bass	I_506PSH018L2BOG15SMB02-09	506PSH018L2BOG15SMB02-09	Mercury	0.23	ug/g ww	355	5
3b	5	2015	Shasta Lake	L2	Smallmouth Bass	I_506PSH018L2BOG15SMB02-10	506PSH018L2BOG15SMB02-10	Mercury	0.28	ug/g ww	370	6
3b	5	2015	Shasta Lake	L2	Smallmouth Bass	I_506PSH018L2BOG15SMB02-11	506PSH018L2BOG15SMB02-11	Mercury	0.31	ug/g ww	415	7
3c	5	2015	Shasta Lake	L3	Smallmouth Bass	I_506PSH018L3BOG15SMB01-01	506PSH018L3BOG15SMB01-01	Mercury	0.07	ug/g ww	237	2
3c	5	2015	Shasta Lake	L3	Smallmouth Bass	I_506PSH018L3BOG15SMB01-02	506PSH018L3BOG15SMB01-02	Mercury	0.11	ug/g ww	239	2
3c	5	2015	Shasta Lake	L3	Smallmouth Bass	I_506PSH018L3BOG15SMB01-03	506PSH018L3BOG15SMB01-03	Mercury	0.18	ug/g ww	297	4
3c	5	2015	Shasta Lake	L3	Smallmouth Bass	I_506PSH018L3BOG15SMB01-04	506PSH018L3BOG15SMB01-04	Mercury	0.17	ug/g ww	297	4
3c	5	2015	Shasta Lake	L3	Smallmouth Bass	I_506PSH018L3BOG15SMB01-08	506PSH018L3BOG15SMB01-08	Mercury	0.18	ug/g ww	328	5
3c	5	2015	Shasta Lake	L3	Smallmouth Bass	I_506PSH018L3BOG15SMB01-05	506PSH018L3BOG15SMB01-05	Mercury	0.16	ug/g ww	328	4
3c	5	2015	Shasta Lake	L3	Smallmouth Bass	I_506PSH018L3BOG15SMB01-06	506PSH018L3BOG15SMB01-06	Mercury	0.87	ug/g ww	344	5
3c	5	2015	Shasta Lake	L3	Smallmouth Bass	I_506PSH018L3BOG15SMB01-07	506PSH018L3BOG15SMB01-07	Mercury	0.27	ug/g ww	360	6
3c	5	2015	Shasta Lake	L3	Smallmouth Bass	I_506PSH018L3BOG15SMB01-09	506PSH018L3BOG15SMB01-09	Mercury	0.24	ug/g ww	398	7
3c	5	2015	Shasta Lake	L3	Smallmouth Bass	I_506PSH018L3BOG15SMB01-10	506PSH018L3BOG15SMB01-10	Mercury	0.27	ug/g ww	407	8
3c	5	2015	Shasta Lake	L3	Smallmouth Bass	I_506PSH018L3BOG15SMB01-11	506PSH018L3BOG15SMB01-11	Mercury	0.56	ug/g ww	428	8
3d	5	2015	Shasta Lake	L4	Smallmouth Bass	I_506PSH018L4BOG15SMB01-01	506PSH018L4BOG15SMB01-01	Mercury	0.05	ug/g ww	234	2
3d	5	2015	Shasta Lake	L4	Smallmouth Bass	I_506PSH018L4BOG15SMB01-02	506PSH018L4BOG15SMB01-02	Mercury	0.12	ug/g ww	237	2
3d	5	2015	Shasta Lake	L4	Smallmouth Bass	I_506PSH018L4BOG15SMB01-04	506PSH018L4BOG15SMB01-04	Mercury	0.15	ug/g ww	258	3
3d	5	2015	Shasta Lake	L4	Smallmouth Bass	I_506PSH018L4BOG15SMB01-03	506PSH018L4BOG15SMB01-03	Mercury	0.21	ug/g ww	264	3
3d	5	2015	Shasta Lake	L4	Smallmouth Bass	I_506PSH018L4BOG15SMB01-05	506PSH018L4BOG15SMB01-05	Mercury	0.18	ug/g ww	305	4
3d	5	2015	Shasta Lake	L4	Smallmouth Bass	I_506PSH018L4BOG15SMB01-09	506PSH018L4BOG15SMB01-09	Mercury	0.16	ug/g ww	341	4
3d	5	2015	Shasta Lake	L4	Smallmouth Bass	I_506PSH018L4BOG15SMB01-08	506PSH018L4BOG15SMB01-08	Mercury	0.14	ug/g ww	345	5
3d	5	2015	Shasta Lake	L4	Smallmouth Bass	I_506PSH018L4BOG15SMB01-06	506PSH018L4BOG15SMB01-06	Mercury	0.31	ug/g ww	348	5
3d	5	2015	Shasta Lake	L4	Smallmouth Bass	I_506PSH018L4BOG15SMB01-11	506PSH018L4BOG15SMB01-11	Mercury	0.33	ug/g ww	360	6
3d	5	2015	Shasta Lake	L4	Smallmouth Bass	I_506PSH018L4BOG15SMB01-07	506PSH018L4BOG15SMB01-07	Mercury	0.26	ug/g ww	377	7
3d	5	2015	Shasta Lake	L4	Smallmouth Bass	I_506PSH018L4BOG15SMB01-10	506PSH018L4BOG15SMB01-10	Mercury	0.31	ug/g ww	421	8
21	5	2015	Success Lake	NA	Largemouth Bass	I_555PSL174BOG15LMB02-02	555PSL174BOG15LMB02-02	Mercury	0.07	ug/g ww	243	2
21	5	2015	Success Lake	NA	Largemouth Bass	I_555PSL174BOG15LMB02-01	555PSL174BOG15LMB02-01	Mercury	0.10	ug/g ww	244	3
21	5	2015	Success Lake	NA	Largemouth Bass	I_555PSL174BOG15LMB02-03	555PSL174BOG15LMB02-03	Mercury	0.09	ug/g ww	250	3
21	5	2015	Success Lake	NA	Largemouth Bass	I_555PSL174BOG15LMB02-04	555PSL174BOG15LMB02-04	Mercury	0.09	ug/g ww	276	3
21	5	2015	Success Lake	NA	Largemouth Bass	I_555PSL174BOG15LMB02-07	555PSL174BOG15LMB02-07	Mercury	0.15	ug/g ww	315	4
21	5	2015	Success Lake	NA	Largemouth Bass	I_555PSL174BOG15LMB02-05	555PSL174BOG15LMB02-05	Mercury	0.19	ug/g ww	320	4
21	5	2015	Success Lake	NA	Largemouth Bass	I_555PSL174BOG15LMB02-06	555PSL174BOG15LMB02-06	Mercury	0.17	ug/g ww	335	5
21	5	2015	Success Lake	NA	Largemouth Bass	I_555PSL174BOG15LMB02-09	555PSL174BOG15LMB02-09	Mercury	0.39	ug/g ww	376	7
21	5	2015	Success Lake	NA	Largemouth Bass	I_555PSL174BOG15LMB02-08	555PSL174BOG15LMB02-08	Mercury	0.58	ug/g ww	391	8
21	5	2015	Success Lake	NA	Largemouth Bass	I_555PSL174BOG15LMB02-10	555PSL174BOG15LMB02-10	Mercury	0.35	ug/g ww	397	8
21	5	2015	Success Lake	NA	Largemouth Bass	I_555PSL174BOG15LMB02-11	555PSL174BOG15LMB02-11	Mercury	0.42	ug/g ww	496	11
13	5	2015	Woodward Reservoir	NA	Largemouth Bass	I_535PWR185BOG15LMB02-01	535PWR185BOG15LMB02-01	Mercury	0.12	ug/g ww	158	1
13	5	2015	Woodward Reservoir	NA	Largemouth Bass	I_535PWR185BOG15LMB02-03	535PWR185BOG15LMB02-03	Mercury	0.18	ug/g ww	276	3

Map Label	Regional Board	Sample Year	Station Name	Location Code	Common Name	SampleID	OrganismID	Parameter	Result	Unit Name	Total Length (mm)	Age (year)
13	5	2015	Woodward Reservoir	NA	Largemouth Bass	I_535PWR185BOG15LMB02-02	535PWR185BOG15LMB02-02	Mercury	0.17	ug/g ww	280	4
13	5	2015	Woodward Reservoir	NA	Largemouth Bass	I_535PWR185BOG15LMB02-04	535PWR185BOG15LMB02-04	Mercury	0.25	ug/g ww	295	4
13	5	2015	Woodward Reservoir	NA	Largemouth Bass	I_535PWR185BOG15LMB02-06	535PWR185BOG15LMB02-06	Mercury	0.17	ug/g ww	312	5
13	5	2015	Woodward Reservoir	NA	Largemouth Bass	I_535PWR185BOG15LMB02-07	535PWR185BOG15LMB02-07	Mercury	0.19	ug/g ww	313	5
13	5	2015	Woodward Reservoir	NA	Largemouth Bass	I_535PWR185BOG15LMB02-08	535PWR185BOG15LMB02-08	Mercury	0.25	ug/g ww	318	5
13	5	2015	Woodward Reservoir	NA	Largemouth Bass	I_535PWR185BOG15LMB02-05	535PWR185BOG15LMB02-05	Mercury	0.21	ug/g ww	319	5
13	5	2015	Woodward Reservoir	NA	Largemouth Bass	I_535PWR185BOG15LMB02-09	535PWR185BOG15LMB02-09	Mercury	0.18	ug/g ww	373	7
13	5	2015	Woodward Reservoir	NA	Largemouth Bass	I_535PWR185BOG15LMB02-10	535PWR185BOG15LMB02-10	Mercury	0.24	ug/g ww	391	9
13	5	2015	Woodward Reservoir	NA	Largemouth Bass	I_535PWR185BOG15LMB02-11	535PWR185BOG15LMB02-11	Mercury	0.56	ug/g ww	562	13
6	5	2015	Zayak/Swan Lake	NA	Largemouth Bass	I_516TU0173BOG15LMB02-01	516TU0173BOG15LMB02-01	Mercury	0.30	ug/g ww	200	2
6	5	2015	Zayak/Swan Lake	NA	Largemouth Bass	I_516TU0173BOG15LMB02-02	516TU0173BOG15LMB02-02	Mercury	0.68	ug/g ww	235	2
6	5	2015	Zayak/Swan Lake	NA	Largemouth Bass	I_516TU0173BOG15LMB02-04	516TU0173BOG15LMB02-04	Mercury	0.93	ug/g ww	255	3
6	5	2015	Zayak/Swan Lake	NA	Largemouth Bass	I_516TU0173BOG15LMB02-03	516TU0173BOG15LMB02-03	Mercury	0.97	ug/g ww	270	3
6	5	2015	Zayak/Swan Lake	NA	Largemouth Bass	I_516TU0173BOG15LMB02-05	516TU0173BOG15LMB02-05	Mercury	1.01	ug/g ww	320	5
6	5	2015	Zayak/Swan Lake	NA	Largemouth Bass	I_516TU0173BOG15LMB02-06	516TU0173BOG15LMB02-06	Mercury	1.21	ug/g ww	325	5
6	5	2015	Zayak/Swan Lake	NA	Largemouth Bass	I_516TU0173BOG15LMB02-09	516TU0173BOG15LMB02-09	Mercury	0.89	ug/g ww	345	5
6	5	2015	Zayak/Swan Lake	NA	Largemouth Bass	I_516TU0173BOG15LMB02-07	516TU0173BOG15LMB02-07	Mercury	1.26	ug/g ww	351	5
6	5	2015	Zayak/Swan Lake	NA	Largemouth Bass	I_516TU0173BOG15LMB02-10	516TU0173BOG15LMB02-10	Mercury	1.05	ug/g ww	362	6
6	5	2015	Zayak/Swan Lake	NA	Largemouth Bass	I_516TU0173BOG15LMB02-08	516TU0173BOG15LMB02-08	Mercury	1.25	ug/g ww	378	6
6	5	2015	Zayak/Swan Lake	NA	Largemouth Bass	I_516TU0173BOG15LMB02-11	516TU0173BOG15LMB02-11	Mercury	1.35	ug/g ww	382	7
26a	7	2015	Lake Havasu_BOG	L1	Largemouth Bass	I_714PLH216L1BOG15LMB02-01	714PLH216L1BOG15LMB02-01	Mercury	0.03	ug/g ww	214	2
26a	7	2015	Lake Havasu_BOG	L1	Largemouth Bass	I_714PLH216L1BOG15LMB02-02	714PLH216L1BOG15LMB02-02	Mercury	0.04	ug/g ww	240	3
26a	7	2015	Lake Havasu_BOG	L1	Largemouth Bass	I_714PLH216L1BOG15LMB02-06	714PLH216L1BOG15LMB02-06	Mercury	0.05	ug/g ww	286	5
26a	7	2015	Lake Havasu_BOG	L1	Largemouth Bass	I_714PLH216L1BOG15LMB02-07	714PLH216L1BOG15LMB02-07	Mercury	0.19	ug/g ww	303	
26a	7	2015	Lake Havasu_BOG	L1	Largemouth Bass	I_714PLH216L1BOG15LMB02-08	714PLH216L1BOG15LMB02-08	Mercury	0.03	ug/g ww	311	6
26a	7	2015	Lake Havasu_BOG	L1	Largemouth Bass	I_714PLH216L1BOG15LMB02-09	714PLH216L1BOG15LMB02-09	Mercury	0.04	ug/g ww	311	6
26a	7	2015	Lake Havasu_BOG	L1	Largemouth Bass	I_714PLH216L1BOG15LMB02-03	714PLH216L1BOG15LMB02-03	Mercury	0.04	ug/g ww	317	6
26a	7	2015	Lake Havasu_BOG	L1	Largemouth Bass	I_714PLH216L1BOG15LMB02-04	714PLH216L1BOG15LMB02-04	Mercury	0.06	ug/g ww	355	8
26a	7	2015	Lake Havasu_BOG	L1	Largemouth Bass	I_714PLH216L1BOG15LMB02-10	714PLH216L1BOG15LMB02-10	Mercury	0.14	ug/g ww	395	8
26a	7	2015	Lake Havasu_BOG	L1	Largemouth Bass	I_714PLH216L1BOG15LMB02-11	714PLH216L1BOG15LMB02-11	Mercury	0.16	ug/g ww	410	
26a	7	2015	Lake Havasu_BOG	L1	Largemouth Bass	I_714PLH216L1BOG15LMB02-05	714PLH216L1BOG15LMB02-05	Mercury	0.03	ug/g ww	515	
26b	7	2015	Lake Havasu_BOG	L2	Largemouth Bass	I_714PLH216L2BOG15LMB03-01	714PLH216L2BOG15LMB03-01	Mercury	0.06	ug/g ww	210	2
26b	7	2015	Lake Havasu_BOG	L2	Largemouth Bass	I_714PLH216L2BOG15LMB03-02	714PLH216L2BOG15LMB03-02	Mercury	0.04	ug/g ww	240	3
26b	7	2015	Lake Havasu_BOG	L2	Largemouth Bass	I_714PLH216L2BOG15LMB03-03	714PLH216L2BOG15LMB03-03	Mercury	0.04	ug/g ww	256	4
26b	7	2015	Lake Havasu_BOG	L2	Largemouth Bass	I_714PLH216L2BOG15LMB03-04	714PLH216L2BOG15LMB03-04	Mercury	0.03	ug/g ww	263	4
26b	7	2015	Lake Havasu_BOG	L2	Largemouth Bass	I_714PLH216L2BOG15LMB03-08	714PLH216L2BOG15LMB03-08	Mercury	0.04	ug/g ww	320	7
26b	7	2015	Lake Havasu_BOG	L2	Largemouth Bass	I_714PLH216L2BOG15LMB03-05	714PLH216L2BOG15LMB03-05	Mercury	0.05	ug/g ww	325	7
26b	7	2015	Lake Havasu_BOG	L2	Largemouth Bass	I_714PLH216L2BOG15LMB03-07	714PLH216L2BOG15LMB03-07	Mercury	0.03	ug/g ww	331	8
26b	7	2015	Lake Havasu_BOG	L2	Largemouth Bass	I_714PLH216L2BOG15LMB03-06	714PLH216L2BOG15LMB03-06	Mercury	0.08	ug/g ww	339	8
26b	7	2015	Lake Havasu_BOG	L2	Largemouth Bass	I_714PLH216L2BOG15LMB03-09	714PLH216L2BOG15LMB03-09	Mercury	0.06	ug/g ww	395	10
26b	7	2015	Lake Havasu_BOG	L2	Largemouth Bass	I_714PLH216L2BOG15LMB03-10	714PLH216L2BOG15LMB03-10	Mercury	0.16	ug/g ww	408	11
26b	7	2015	Lake Havasu_BOG	L2	Largemouth Bass	I_714PLH216L2BOG15LMB03-11	714PLH216L2BOG15LMB03-11	Mercury	0.08	ug/g ww	419	12
26c	7	2015	Lake Havasu_BOG	L3	Largemouth Bass	I_714PLH216L3BOG15LMB04-02	714PLH216L3BOG15LMB04-02	Mercury	0.04	ug/g ww	240	3
26c	7	2015	Lake Havasu_BOG	L3	Largemouth Bass	I_714PLH216L3BOG15LMB04-01	714PLH216L3BOG15LMB04-01	Mercury	0.06	ug/g ww	245	3
26c	7	2015	Lake Havasu_BOG	L3	Largemouth Bass	I_714PLH216L3BOG15LMB04-03	714PLH216L3BOG15LMB04-03	Mercury	0.06	ug/g ww	257	4
26c	7	2015	Lake Havasu_BOG	L3	Largemouth Bass	I_714PLH216L3BOG15LMB04-04	714PLH216L3BOG15LMB04-04	Mercury	0.04	ug/g ww	285	5
26c	7	2015	Lake Havasu_BOG	L3	Largemouth Bass	I_714PLH216L3BOG15LMB04-07	714PLH216L3BOG15LMB04-07	Mercury	0.09	ug/g ww	364	8
26c	7	2015	Lake Havasu_BOG	L3	Largemouth Bass	I_714PLH216L3BOG15LMB04-09	714PLH216L3BOG15LMB04-09	Mercury	0.06	ug/g ww	383	9
26c	7	2015	Lake Havasu_BOG	L3	Largemouth Bass	I_714PLH216L3BOG15LMB04-08	714PLH216L3BOG15LMB04-08	Mercury	0.08	ug/g ww	386	9
26c	7	2015	Lake Havasu_BOG	L3	Largemouth Bass	I_714PLH216L3BOG15LMB04-05	714PLH216L3BOG15LMB04-05	Mercury	0.07	ug/g ww	390	8
26c	7	2015	Lake Havasu_BOG	L3	Largemouth Bass	I_714PLH216L3BOG15LMB04-06	714PLH216L3BOG15LMB04-06	Mercury	0.21	ug/g ww	398	9
26c	7	2015	Lake Havasu_BOG	L3	Largemouth Bass	I_714PLH216L3BOG15LMB04-10	714PLH216L3BOG15LMB04-10	Mercury	0.10	ug/g ww	465	13
26c	7	2015	Lake Havasu_BOG	L3	Largemouth Bass	I_714PLH216L3BOG15LMB04-11	714PLH216L3BOG15LMB04-11	Mercury	0.25	ug/g ww	575	15

Map Label	Regional Board	Sample Year	Station Name	Location Code	Common Name	SampleID	OrganismID	Parameter	Result	Unit Name	Total Length (mm)	Age (year)
26d	7	2015	Lake Havasu_BOG	L4	Largemouth Bass	I_714PLH216L4BOG15LMB05-02	714PLH216L4BOG15LMB05-02	Mercury	0.05	ug/g ww	192	2
26d	7	2015	Lake Havasu_BOG	L4	Largemouth Bass	I_714PLH216L4BOG15LMB05-01	714PLH216L4BOG15LMB05-01	Mercury	0.04	ug/g ww	193	2
26d	7	2015	Lake Havasu_BOG	L4	Largemouth Bass	I_714PLH216L4BOG15LMB05-03	714PLH216L4BOG15LMB05-03	Mercury	0.06	ug/g ww	214	2
26d	7	2015	Lake Havasu_BOG	L4	Largemouth Bass	I_714PLH216L4BOG15LMB05-04	714PLH216L4BOG15LMB05-04	Mercury	0.04	ug/g ww	292	4
26d	7	2015	Lake Havasu_BOG	L4	Largemouth Bass	I_714PLH216L4BOG15LMB05-05	714PLH216L4BOG15LMB05-05	Mercury	0.05	ug/g ww	305	5
26d	7	2015	Lake Havasu_BOG	L4	Largemouth Bass	I_714PLH216L4BOG15LMB05-06	714PLH216L4BOG15LMB05-06	Mercury	0.13	ug/g ww	320	6
26d	7	2015	Lake Havasu_BOG	L4	Largemouth Bass	I_714PLH216L4BOG15LMB05-07	714PLH216L4BOG15LMB05-07	Mercury	0.19	ug/g ww	349	7
26d	7	2015	Lake Havasu_BOG	L4	Largemouth Bass	I_714PLH216L4BOG15LMB05-08	714PLH216L4BOG15LMB05-08	Mercury	0.20	ug/g ww	378	9
26d	7	2015	Lake Havasu_BOG	L4	Largemouth Bass	I_714PLH216L4BOG15LMB05-09	714PLH216L4BOG15LMB05-09	Mercury	0.20	ug/g ww	400	10
26d	7	2015	Lake Havasu_BOG	L4	Largemouth Bass	I_714PLH216L4BOG15LMB05-11	714PLH216L4BOG15LMB05-11	Mercury	0.11	ug/g ww	420	12
26d	7	2015	Lake Havasu_BOG	L4	Largemouth Bass	I_714PLH216L4BOG15LMB05-10	714PLH216L4BOG15LMB05-10	Mercury	0.43	ug/g ww	430	12
34	7	2015	Sunbeam Lake	NA	Largemouth Bass	I_723SUNBLKBOG15LMB01-01	723SUNBLKBOG15LMB01-01	Mercury	0.07	ug/g ww	223	2
34	7	2015	Sunbeam Lake	NA	Largemouth Bass	I_723SUNBLKBOG15LMB01-02	723SUNBLKBOG15LMB01-02	Mercury	0.08	ug/g ww	226	2
34	7	2015	Sunbeam Lake	NA	Largemouth Bass	I_723SUNBLKBOG15LMB01-03	723SUNBLKBOG15LMB01-03	Mercury	0.09	ug/g ww	255	3
34	7	2015	Sunbeam Lake	NA	Largemouth Bass	I_723SUNBLKBOG15LMB01-04	723SUNBLKBOG15LMB01-04	Mercury	0.10	ug/g ww	274	4
34	7	2015	Sunbeam Lake	NA	Largemouth Bass	I_723SUNBLKBOG15LMB01-05	723SUNBLKBOG15LMB01-05	Mercury	0.05	ug/g ww	345	7
34	7	2015	Sunbeam Lake	NA	Largemouth Bass	I_723SUNBLKBOG15LMB01-07	723SUNBLKBOG15LMB01-07	Mercury	0.09	ug/g ww	348	6
34	7	2015	Sunbeam Lake	NA	Largemouth Bass	I_723SUNBLKBOG15LMB01-06	723SUNBLKBOG15LMB01-06	Mercury	0.09	ug/g ww	353	7
34	7	2015	Sunbeam Lake	NA	Largemouth Bass	I_723SUNBLKBOG15LMB01-08	723SUNBLKBOG15LMB01-08	Mercury	0.12	ug/g ww	364	8
34	7	2015	Sunbeam Lake	NA	Largemouth Bass	I_723SUNBLKBOG15LMB01-09	723SUNBLKBOG15LMB01-09	Mercury	0.12	ug/g ww	366	8
34	7	2015	Sunbeam Lake	NA	Largemouth Bass	I_723SUNBLKBOG15LMB01-10	723SUNBLKBOG15LMB01-10	Mercury	0.11	ug/g ww	416	10
34	7	2015	Sunbeam Lake	NA	Largemouth Bass	I_723SUNBLKBOG15LMB01-11	723SUNBLKBOG15LMB01-11	Mercury	0.13	ug/g ww	496	13
35	9	2015	Barrett Lake	NA	Largemouth Bass	I_911PBL166BOG15LMB01-01	911PBL166BOG15LMB01-01	Mercury	0.06	ug/g ww	175	2
35	9	2015	Barrett Lake	NA	Largemouth Bass	I_911PBL166BOG15LMB01-04	911PBL166BOG15LMB01-04	Mercury	0.07	ug/g ww	280	3
35	9	2015	Barrett Lake	NA	Largemouth Bass	I_911PBL166BOG15LMB01-02	911PBL166BOG15LMB01-02	Mercury	0.06	ug/g ww	291	3
35	9	2015	Barrett Lake	NA	Largemouth Bass	I_911PBL166BOG15LMB01-03	911PBL166BOG15LMB01-03	Mercury	0.08	ug/g ww	292	4
35	9	2015	Barrett Lake	NA	Largemouth Bass	I_911PBL166BOG15LMB01-05	911PBL166BOG15LMB01-05	Mercury	0.20	ug/g ww	352	6
35	9	2015	Barrett Lake	NA	Largemouth Bass	I_911PBL166BOG15LMB01-06	911PBL166BOG15LMB01-06	Mercury	0.23	ug/g ww	360	6
35	9	2015	Barrett Lake	NA	Largemouth Bass	I_911PBL166BOG15LMB01-09	911PBL166BOG15LMB01-09	Mercury	0.12	ug/g ww	360	6
35	9	2015	Barrett Lake	NA	Largemouth Bass	I_911PBL166BOG15LMB01-07	911PBL166BOG15LMB01-07	Mercury	0.32	ug/g ww	368	7
35	9	2015	Barrett Lake	NA	Largemouth Bass	I_911PBL166BOG15LMB01-08	911PBL166BOG15LMB01-08	Mercury	0.23	ug/g ww	385	8
35	9	2015	Barrett Lake	NA	Largemouth Bass	I_911PBL166BOG15LMB02-01	911PBL166BOG15LMB02-01	Mercury	0.18	ug/g ww	411	9
35	9	2015	Barrett Lake	NA	Largemouth Bass	I_911PBL166BOG15LMB02-02	911PBL166BOG15LMB02-02	Mercury	0.15	ug/g ww	420	10
33	9	2015	Lake San Marcos	NA	Largemouth Bass	I_904SAMRLKBOG15LMB01-01	904SAMRLKBOG15LMB01-01	Mercury	0.02	ug/g ww	200	2
33	9	2015	Lake San Marcos	NA	Largemouth Bass	I_904SAMRLKBOG15LMB01-02	904SAMRLKBOG15LMB01-02	Mercury	0.03	ug/g ww	234	3
33	9	2015	Lake San Marcos	NA	Largemouth Bass	I_904SAMRLKBOG15LMB01-03	904SAMRLKBOG15LMB01-03	Mercury	0.02	ug/g ww	251	3
33	9	2015	Lake San Marcos	NA	Largemouth Bass	I_904SAMRLKBOG15LMB01-04	904SAMRLKBOG15LMB01-04	Mercury	0.03	ug/g ww	304	6
33	9	2015	Lake San Marcos	NA	Largemouth Bass	I_904SAMRLKBOG15LMB01-08	904SAMRLKBOG15LMB01-08	Mercury	0.04	ug/g ww	350	8
33	9	2015	Lake San Marcos	NA	Largemouth Bass	I_904SAMRLKBOG15LMB01-05	904SAMRLKBOG15LMB01-05	Mercury	0.08	ug/g ww	378	8
33	9	2015	Lake San Marcos	NA	Largemouth Bass	I_904SAMRLKBOG15LMB01-06	904SAMRLKBOG15LMB01-06	Mercury	0.11	ug/g ww	390	9
33	9	2015	Lake San Marcos	NA	Largemouth Bass	I_904SAMRLKBOG15LMB01-09	904SAMRLKBOG15LMB01-09	Mercury	0.06	ug/g ww	397	9
33	9	2015	Lake San Marcos	NA	Largemouth Bass	I_904SAMRLKBOG15LMB01-07	904SAMRLKBOG15LMB01-07	Mercury	0.11	ug/g ww	402	10
33	9	2015	Lake San Marcos	NA	Largemouth Bass	I_904SAMRLKBOG15LMB02-02	904SAMRLKBOG15LMB02-02	Mercury	0.06	ug/g ww	489	13
33	9	2015	Lake San Marcos	NA	Largemouth Bass	I_904SAMRLKBOG15LMB02-01	904SAMRLKBOG15LMB02-01	Mercury	0.06	ug/g ww	505	14