

2017

Long-term Monitoring of Bass Lakes and Reservoirs in California: 2017 Data Report

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Long-term Monitoring of Bass Lakes
and Reservoirs in California:
2017 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 second round of sampling 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 second round of sampling for the long-term bass lake monitoring effort in 2017, 828 sport fish from 15 species were collected from 37 lakes throughout California. Largemouth bass was the primary sport fish species sampled, with 426 fish collected from 32 lakes. Smallmouth bass was the only other black bass species collected, with 33 fish collected from one lake. Bluegill (92 fish from 12 locations) and common carp (67 fish from eight locations) were the next most widely sampled species after largemouth bass. Small prey fish were also sampled. A total of 1065 prey fish representing 15 species were collected from the 37 lakes. The most commonly sampled prey fish species were bluegill (364 fish from 27 locations, with a range of total length from 32 to 110 mm) and young largemouth bass (350 fish from 29 locations, with a range of total length from 2 to 149 mm).

Mercury concentrations in 426 largemouth bass ranged from 0.02 ppm in a 290 mm fish from Ferguson Lake to 2.45 ppm in a 464 mm fish from Davis Creek Reservoir. Mean concentrations estimated for a length of 350 mm provide a good basis for comparing concentrations between lakes and for comparing concentrations within lakes over time. One of the 32 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): Davis Creek Reservoir with a mean of 1.52 ppm. Thirteen 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).

Up through the 2017 dataset, previous SWAMP studies generated length-adjusted black bass means for a total of 194 lakes. The 32 Panel 2 lakes with length-adjusted black bass means sampled in 2017 had considerably higher grand mean and median concentrations (0.45 and 0.36 ppm, respectively) than the overall dataset (0.35 and 0.28 ppm, respectively). The Panel 2 lakes also had a higher percentage of lakes with length-adjusted black bass means above 0.20 ppm (the recently adopted statewide water quality objective for sport fish – SWRCB [2017]): 69% versus 65% for the overall dataset. Eleven of the top 28 length-adjusted means in the overall 194 lake dataset were observed in 2017. The lake with the lowest length-adjusted mercury concentration in this study - Laguna Niguel Park Lake (Sulphur Creek Reservoir) at 0.05 ppm – had the tenth-lowest concentration for the overall dataset.

The 26 bass lakes that had been sampled previously had a higher proportion of lakes that showed a statistically significant increase (9 of 26, or 35%) than had been observed in 2015 and 2016. The largest number of lakes (12 of 26, or 46%) were not significantly different from the prior round of sampling.

The mean length-adjusted mercury concentration in the 32 lakes from Panel 2 in 2017 was 0.45 ppm. This was considerably higher than the mean observed for Panel 1 in 2015 (0.30 ppm). The p-value of a two-sided Mann-Whitney test comparing these datasets was not quite significant at $\alpha=0.05$ ($p=0.075$). The 2017 sampling was conducted after a wet season that ended a five-year drought. 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, and will allow for the influence of hydrology and other factors to be examined.

For prey fish, of the 106 composite samples analyzed, 63 (59%) had concentrations greater than or equal to 0.05 ppm, the statewide water quality objective for mercury in prey fish. This was almost double the percent greater than or equal to 0.05 ppm in the 2015 sampling (30%). Nineteen lakes out of the 34 sampled (56%) had a lakewide mean equal to or greater than 0.05 ppm. This was more than double the percentage of lakewide means equal to or greater than 0.05 ppm in 2015 (24%).

PCBs were measured in a subset of the lakes. The highest concentrations were observed in two composites from Silverwood Lake (137 ppb in a brown bullhead composite and 80 ppb in a channel catfish supercomposite).

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

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 second round of long-term bass lake monitoring in 2017.

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 2017 effort.

Sample Collection

The original sampling plan called for collection of fish from 37 lakes in Panel 2 in 2017. Thirty five of these lakes were successfully sampled in 2017 (Figure 2). Details of sample collection are provided in the Cruise Report (Appendix 1). Crystal Lake (Region 4) could not be sampled due to low water. Mountain Meadows Reservoir (Region 5) could not be sampled because it had inadvertently been drained of water the prior fall and had not re-established fish populations. Butte Lake in Region 5 was mistakenly sampled instead of Black

Butte Lake (Butte Lake is mistakenly referred to as Black Butte Lake in the Cruise Report [Appendix 1]). Two lakes that were in Panel 1 but not sampled due to low water in 2015 were visited again in 2017: Santa Margarita Lake was successfully sampled, but Elizabeth Lake was not sampled because it had been completely dry for the previous two years and not restocked with fish. Lake Evans was added to the list of lakes for 2017 on request from Region 8 due to concern for high concentrations of PCBs in catfish observed in prior sampling. Crystal Lake is slated for sampling in 2019. Mountain Meadows Reservoir and Elizabeth Lake were still not sampleable in 2019, so they will be considered again for sampling in 2021. Overall, a total of 37 lakes was successfully sampled in 2017.

A summary of the catch at all of the lakes is provided in Table 1. Black bass were successfully collected at all of the lakes that were sampleable, except Wilderness Park Lake (where only bluegill and carp were collected), Lake Elsinore (where only two largemouth bass were collected, one of which was sub-legal size – frequent fish kills occur at this lake), and Lake Evans (where only catfish were targeted). 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. New Hogan Lake and Whiskeytown Lake, for example, are large lakes that had three locations sampled in each. Largemouth bass was the most common black bass species collected, with adult smallmouth bass collected at just one lake (Whiskeytown Lake), and adult spotted bass not collected at any lake.

Data gaps for PCBs and DDTs were identified by OEHHA and the Regional Boards for the Panel 2 lakes (Table 2). Organics were successfully analyzed for each of the lakes where this was targeted, but bottom-feeding indicator species were not obtained in all of the lakes where they were targeted, so in some cases non-bottom-feeders (e.g., largemouth bass, bluegill) were analyzed for PCBs.

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

For prey fish, the sampling design called for collection of ten individuals from each of the three most common species. Young black bass and young bluegill were the prey species most frequently collected. Mercury and selenium were analyzed in the prey fish composite samples.

Sample Preparation and Analytical Methods

Samples were processed and distributed to the analytical laboratories as described in the Sampling and Analysis Plan (SAP) (Bioaccumulation Oversight Group 2015) by personnel at Moss Landing Marine Laboratories in Moss Landing, CA. Mercury and selenium were analyzed by Moss Landing Marine Laboratories. Mercury was analyzed following the method presented in the SAP. Selenium analysis was not included in the first round of bass lake monitoring in 2015, so the method summarized in the Monitoring Plan for 2016 was used (Bioaccumulation Oversight Group 2016). PCBs and legacy pesticides were analyzed by 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 3.

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 and OEHHA (Table 2).

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 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 prior to 2015 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 second round of sampling for the long-term bass lake monitoring effort, 828 sport fish representing 15 species were collected from 37 lakes throughout California (Figure 2, Table 4a). 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 426 fish collected from 32 lakes. Substantial numbers of bluegill (92 fish from 12 lakes) and common carp (67 fish from 8 lakes) were also collected.

Small prey fish were also sampled. A total of 1065 prey fish representing 15 species were collected from the 37 lakes (Figure 2, Table 4b). 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 (364 fish from 27 locations) and young largemouth bass (350 fish from 29 locations, ranging in total length from 26 to 149 mm).

Mercury

Sport Fish

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

Mercury concentrations in 426 largemouth bass ranged from 0.02 ppm in a 290 mm fish from Ferguson Lake to 2.45 ppm in a 464 mm fish from Davis Creek Reservoir (Figures 3a, 3b, 4a).

Mercury concentrations in 33 smallmouth bass – all from Whiskeytown Lake – ranged from 0.04 ppm in two fish with lengths of 216 mm and 269 mm to 0.55 ppm in a fish with a length of 470 mm.

Regressions of mercury versus length (using untransformed data) for each location sampled were used to generate estimates of mean concentrations for 350 mm black bass. One of the 33 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): Davis Creek Reservoir with a mean of 1.52 ppm.

Thirteen 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) (Figure 5b): Lake Pillsbury in Region 1; Coyote Lake, San Pablo Reservoir, and Upper San Leandro Reservoir in Region 2; Chesbro Reservoir in Region 3; Magic Johnson Lakes in Region 4; Butte Lake, Collins Lake, Hensley Lake, Lake Natoma, Los Banos Reservoir, and New Hogan Lake in Region 5; and Silverwood Lake in Region 6.

Laguna Niguel Park Lake (Sulphur Creek Reservoir) was the lake sampled in 2017 with the lowest length-adjusted mercury concentration (0.05 ppm in

largemouth bass). Ferguson Lake had the next lowest length-adjusted concentration at 0.08 ppm. All of the other lakes had a length-adjusted concentration of 0.10 ppm or higher.

The length-adjusted means provide a good basis for comparing concentrations between lakes and for comparing concentrations within lakes over time. Up through the 2017 dataset, previous SWAMP studies – including the 2007-2008 lakes survey (Davis et al. 2010), the wildlife study (Ackerman et al. 2015), the survey of lakes with low concentrations of contaminants in sport fish (Davis et al. 2018), the first round of bass lake sampling (Davis et al. 2019a), and lake sampling in 2016 (Davis et al. 2019b) - generated length-adjusted means for a total of 194 lakes (Figure 6).

The 32 lakes from Panel 2 with length-adjusted means sampled in 2017 had considerably higher mean and median concentrations (0.45 and 0.36 ppm, respectively) than the overall dataset (0.35 and 0.28 ppm, respectively). The 2017 lakes also had a higher percentage of lakes with length-adjusted means above 0.20 ppm (the recently adopted statewide water quality objective for sport fish – SWRCB [2017]): 69% versus 65% for the overall dataset.

The length-adjusted means for 2017 were skewed toward the upper end of the distribution for the dataset as a whole (Figure 6). Eleven of the top 28 length-adjusted means in the overall 194 lake dataset were observed in 2017. The values for the other lakes sampled in 2017 were spread fairly evenly throughout the overall distribution. The lake with the lowest length-adjusted mercury concentration in this study - Laguna Niguel Park Lake (Sulphur Creek Reservoir) at 0.05 ppm – had the tenth-lowest concentration for the overall dataset.

The 26 bass lakes that had been sampled previously had a higher proportion of lakes that showed a statistically significant increase based on non-overlapping 95% confidence intervals of the means (9 of 26, or 35%) than had been observed in 2015 (Davis et al. 2019a) and 2016 (Davis et al. 2019b). The largest number of lakes (12 of 26, or 46%) were not significantly different from the prior round of sampling. Five of the 26 lakes had a significantly lower concentration than the prior round of sampling. For the overall dataset from 2015-2017, the largest number of lakes (25 of 51, or 49%) show no change from the prior round, and more lakes exhibited decreases (15 of 51, or 29%) than increases (10 of 51, or 20%). Nine of the 10 lakes with increases were sampled in

2017, which seemed to have unusually high concentrations relative to the other years.

The Panel 2 lakes sampled in 2017 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 32 Panel 2 lakes in 2017 was 0.45 ppm (Figure 9). This was considerably higher than the mean observed for Panel 1 in 2015 (0.30 ppm). The p-value of a two-sided Mann-Whitney test comparing these datasets was not quite significant at $\alpha=0.05$ ($p=0.075$). The 2017 sampling was conducted after a wet season that ended a five-year drought. 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, and will allow for the influence of hydrology and other factors to be examined.

Prey Fish

The minimum mercury concentration in composite samples of prey fish was <0.01 ppm, occurring in three samples (two bluegill and one carp) from Wilderness Park Lake in Region 4, one largemouth bass sample from Laguna Niguel Park Lake (Sulphur Creek Reservoir) (Region 9), and one largemouth bass sample from Skinner Lake (Region 9). The maximum concentration was 0.67 ppm in a largemouth bass composite from Davis Creek Reservoir (Region 5). Of the 106 composite samples analyzed, 63 (59%) had concentrations greater than or equal to 0.05 ppm, the statewide water quality objective for mercury in prey fish. This was almost double the percent greater than or equal to 0.05 ppm in the 2015 sampling (30%) (Davis et al. 2019a).

Lakewide mean concentrations (across species) ranged from <0.01 ppm in two lakes - Laguna Niguel Park Lake (Sulphur Creek Reservoir) and Skinner Lake in Region 9 - to a maximum of 0.37 ppm in Lake Nacimiento (Figure 10). Nineteen lakes out of the 34 sampled (56%) had a lakewide mean equal to or greater than 0.05 ppm. This was more than double the percentage of lakewide means equal to or greater than 0.05 ppm in 2015 (24%) (Davis et al. 2019a).

Organic Contaminants

PCBs were analyzed in 23 composite samples from 16 lakes. Eight different species were analyzed. The highest concentrations were observed in two composites from Silverwood Lake (137 ppb in a brown bullhead composite and 80 ppb in a channel catfish supercomposite). The next highest concentration was 18 ppb in a carp composite from Laguna Niguel Park Lake (Sulphur Creek Reservoir). The median concentration was 0.7 ppb.

Legacy pesticides were analyzed in just three samples, with all non-detects for dieldrin and sum of chlordanes, and a maximum of 12 ppb for sum of DDTs.

Selenium

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

Selenium concentrations were measured in 114 composite samples of sport fish. Concentrations ranged from a minimum of 0.08 ppm to a maximum of 2.99 ppm, with a median of 0.47 ppm. The lowest OEHHA ATL for selenium is 1.0 ppm, with consumption of 6 or fewer servings per week associated with concentrations above this level. Fifteen of the 114 samples had concentrations above 1.0 ppm. The two highest concentrations were observed in Silverwood Lake: a brown bullhead composite at 2.99 ppm and a bluegill composite at 2.95 ppm.

Selenium concentrations were measured in 106 composite samples of prey fish. Concentrations ranged from a minimum of 0.08 ppm to a maximum of 2.27 ppm, with a median of 0.62 ppm. The highest concentration was observed in Upper San Leandro Reservoir: a largemouth bass composite at 2.27 ppm.

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

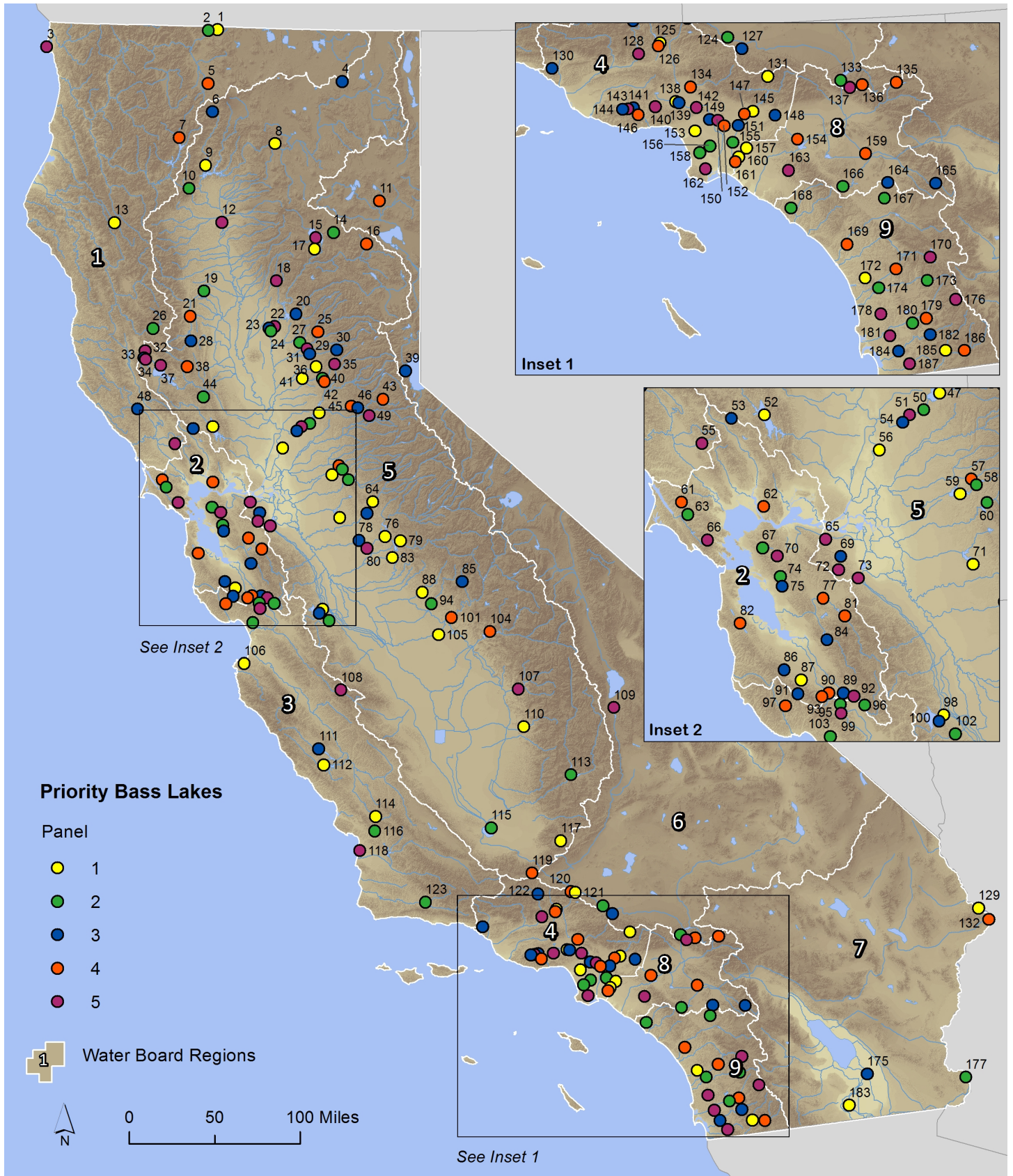


Figure 2. Sampling locations for long-term bass lake monitoring, Panel 2 sampled in 2017. Mountain Meadows could not be sampled (see text). Black Butte Lake was mistakenly not sampled.

Region	Map Label Number	Lake Name
1	2	Iron Gate Reservoir
1	26	Pillsbury, Lake
2	74	Upper San Leandro Reservoir
2	67	San Pablo Reservoir
2	63	Nicasio Lake
2	96	Coyote Lake
3	123	Cachuma, Lake
3	103	Pinto Lake
3	95	Chesbro Reservoir
3	116	Lopez Lake
4	155	Wilderness Park Lake
4	156	Magic Johnson Lakes
4	158	Alondra Park Lake
5	60	New Hogan Lake
5	10	Whiskeytown Lake
5	50	Natomas, Lake
5	113	Isabella Lake
5	24	Mile Long Pond
5	19	Black Butte Lake
5	44	Davis Creek Reservoir
5	102	Los Banos Reservoir
5	58	Pardee Reservoir
5	115	Webb, Lake
5	14	Mountain Meadows Reservoir
5	27	Collins Lake
5	40	Lake of the Pines
5	94	Hensley Lake
6	124	Palmdale Lake
6	133	Silverwood Lake
7	177	Ferguson Lake
8	166	Elsinore, Lake
9	167	Skinner
9	174	Hodges, Lake
9	180	Jennings, Lake
9	168	Laguna Niguel Park Lake
9	173	Sutherland, Lake



Figure 3a. Mercury (ppm wet weight) versus length (mm) for largemouth bass (part 1). The largemouth bass were split into two graphs due to the large number of lakes where this species was sampled. .

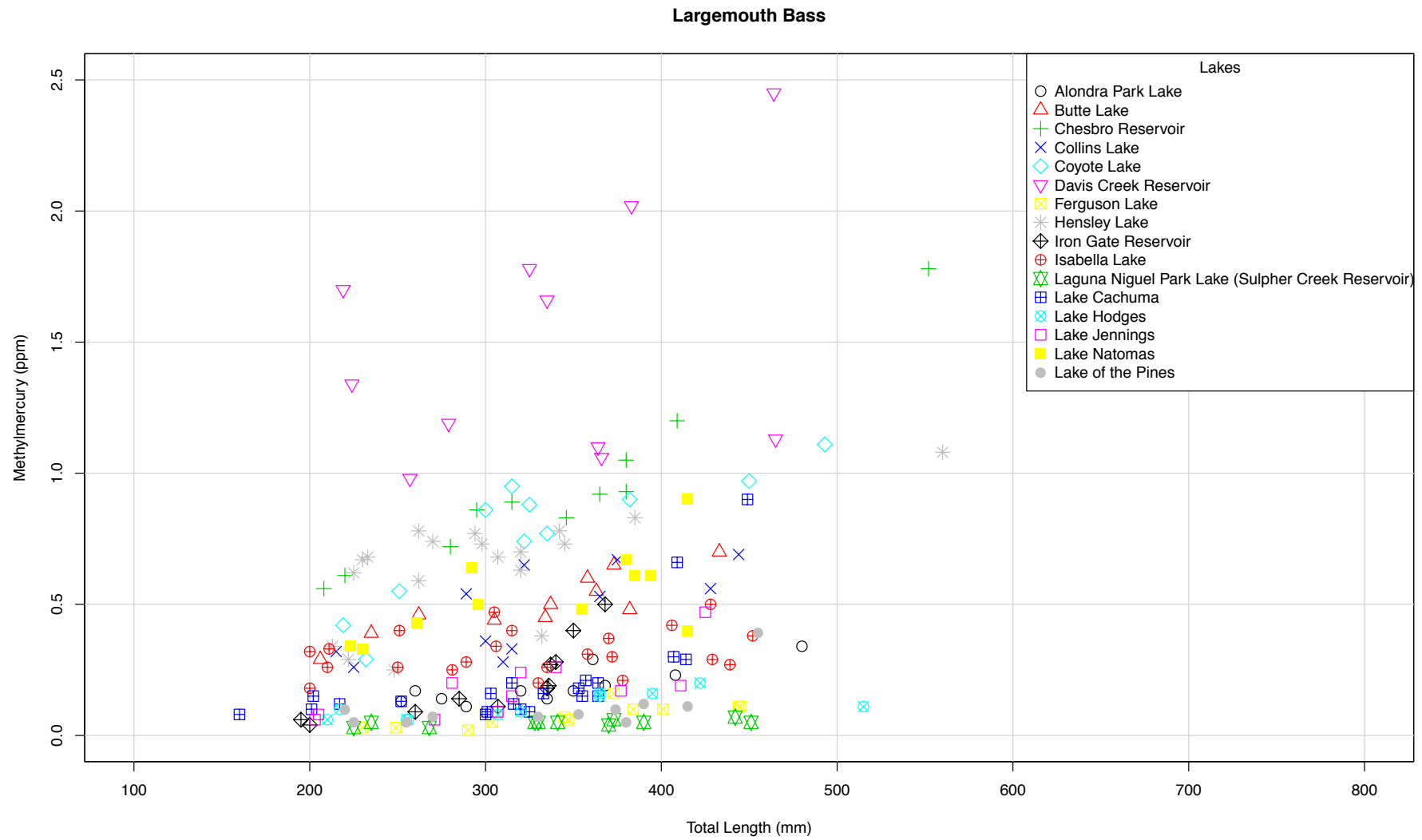


Figure 3b. Mercury (ppm wet weight) versus length (mm) for largemouth bass (part 2). The largemouth bass were split into two graphs due to the large number of lakes where this species was sampled.

Largemouth Bass

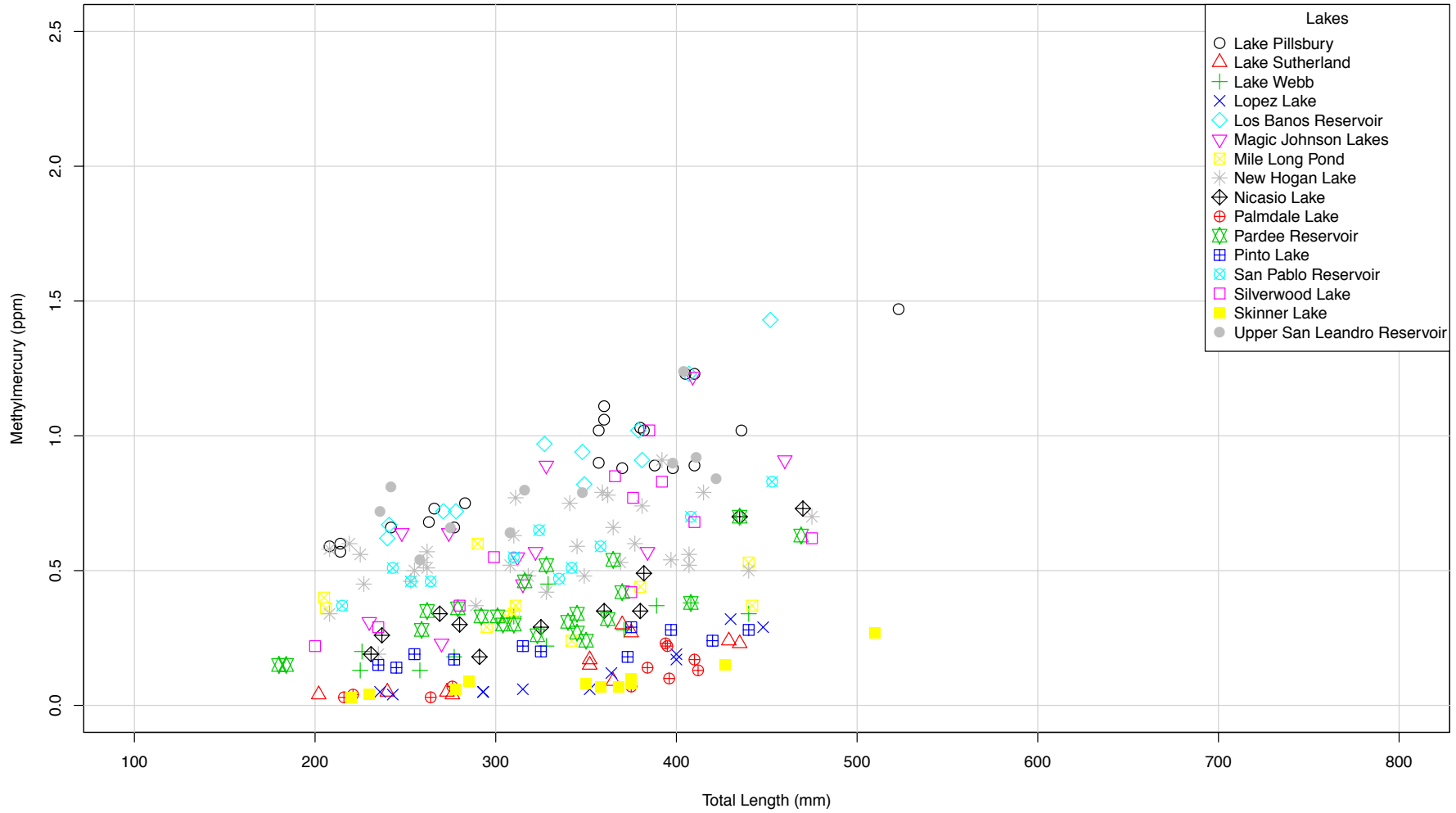


Figure 3c. Mercury (ppm wet weight) versus length (mm) for smallmouth bass.

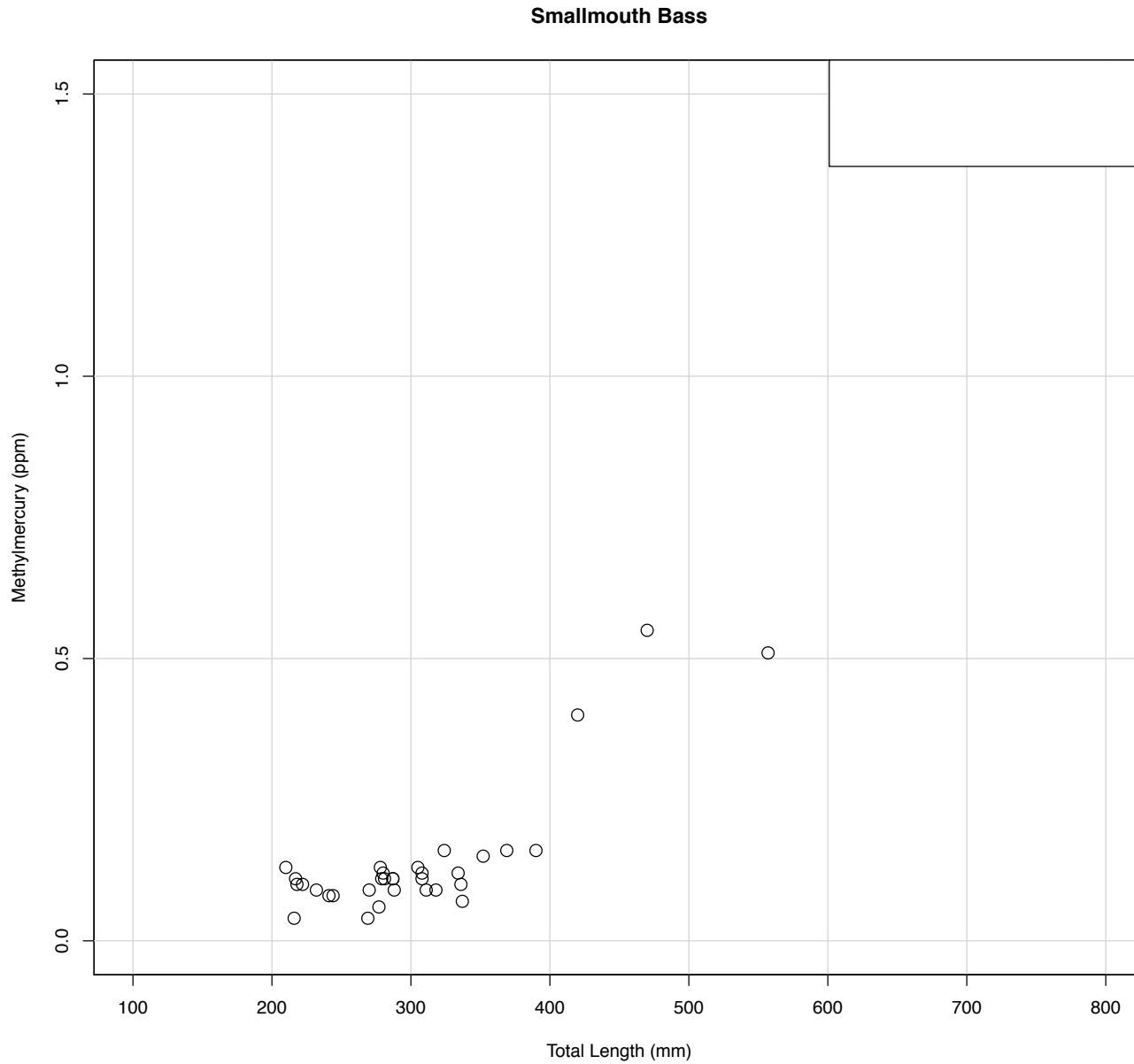


Figure 4a. Mercury concentrations by species: sport fish. Data for individual black bass were adjusted to 350 mm. The points represent the composite and individual concentrations for each species; bars represent means.

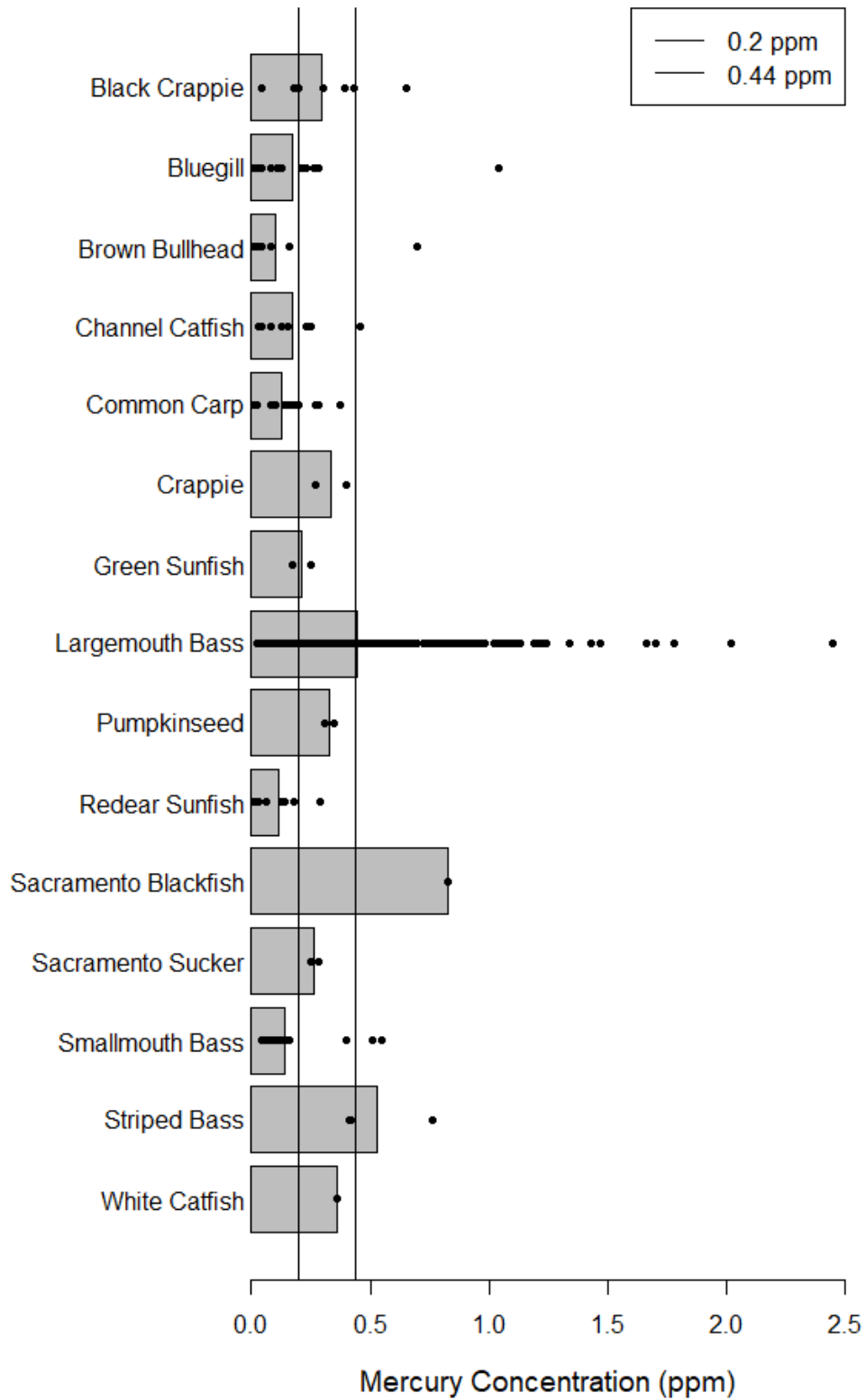


Figure 4b. Mercury concentrations by species: prey fish. The points represent the composite sample concentrations for each species. The bar is the mean of the composite concentrations.

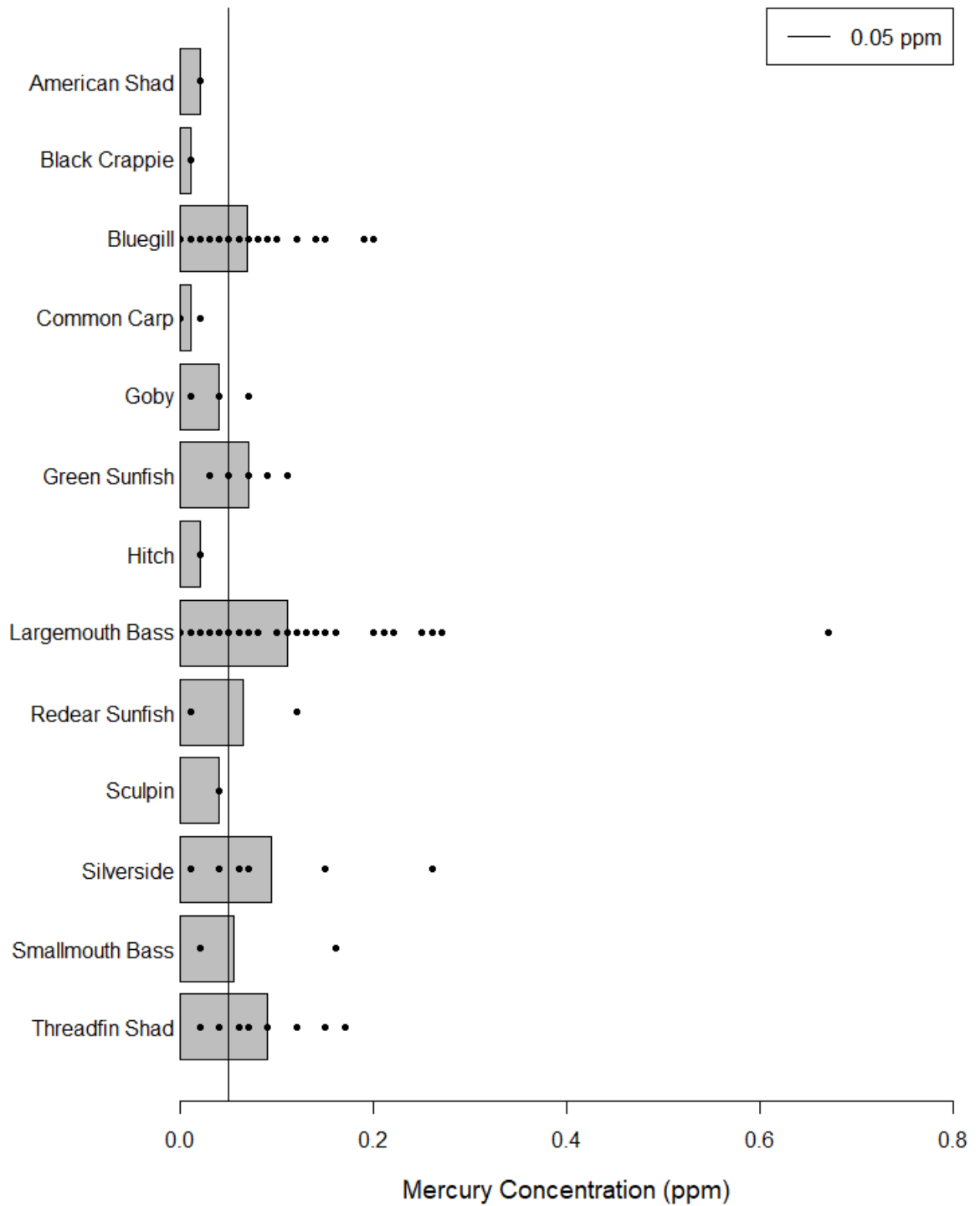


Figure 5a. Spatial pattern in mercury concentrations in largemouth bass. Thresholds based on ATLs for women over 49 and men. Colors based on mean concentrations adjusted to a length of 350 mm.

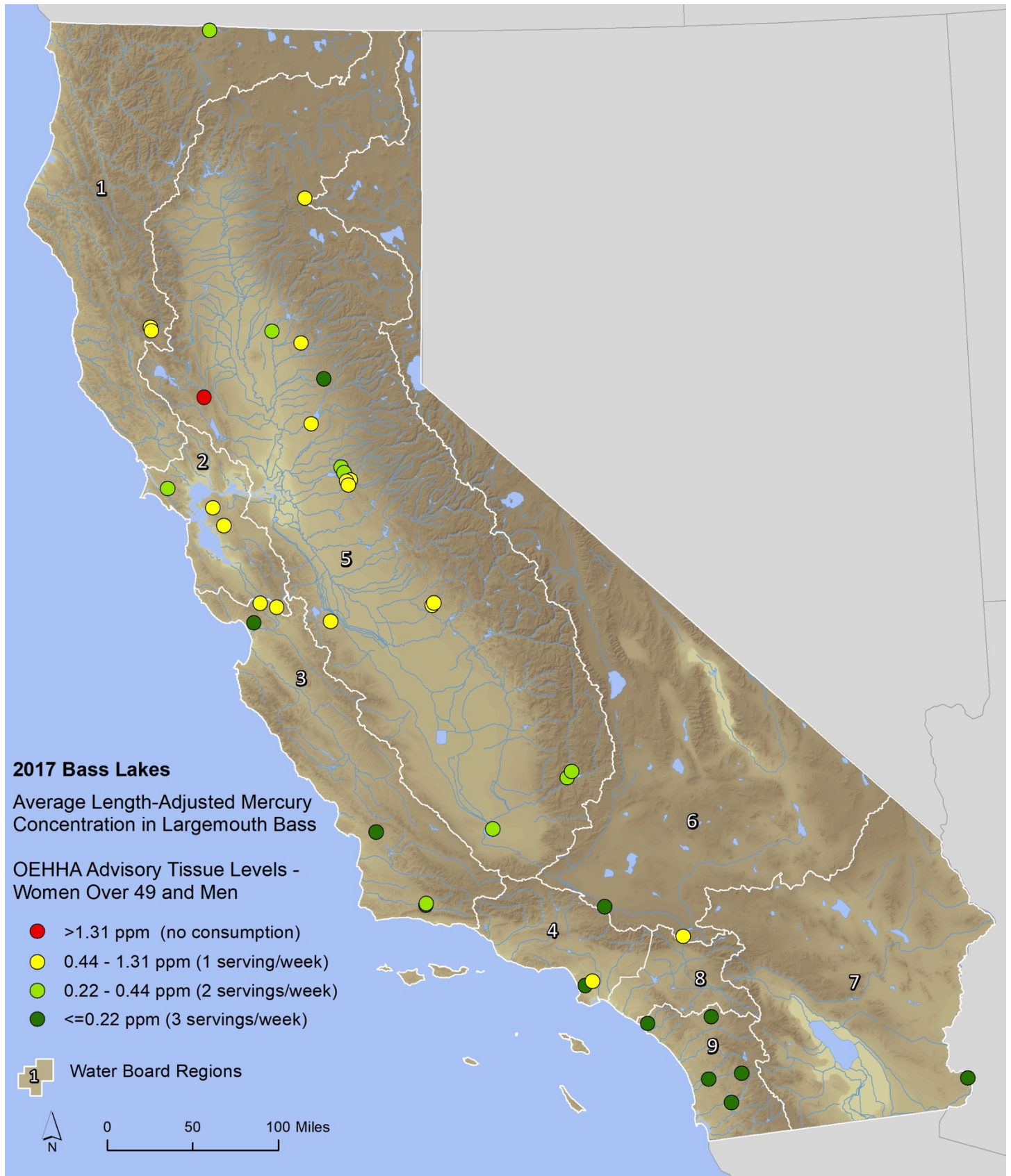


Figure 5b. Spatial pattern in mercury concentrations in largemouth bass. Thresholds based on ATLs for women 18-49 and children 1-17. Colors based on mean concentrations adjusted to a length of 350 mm.

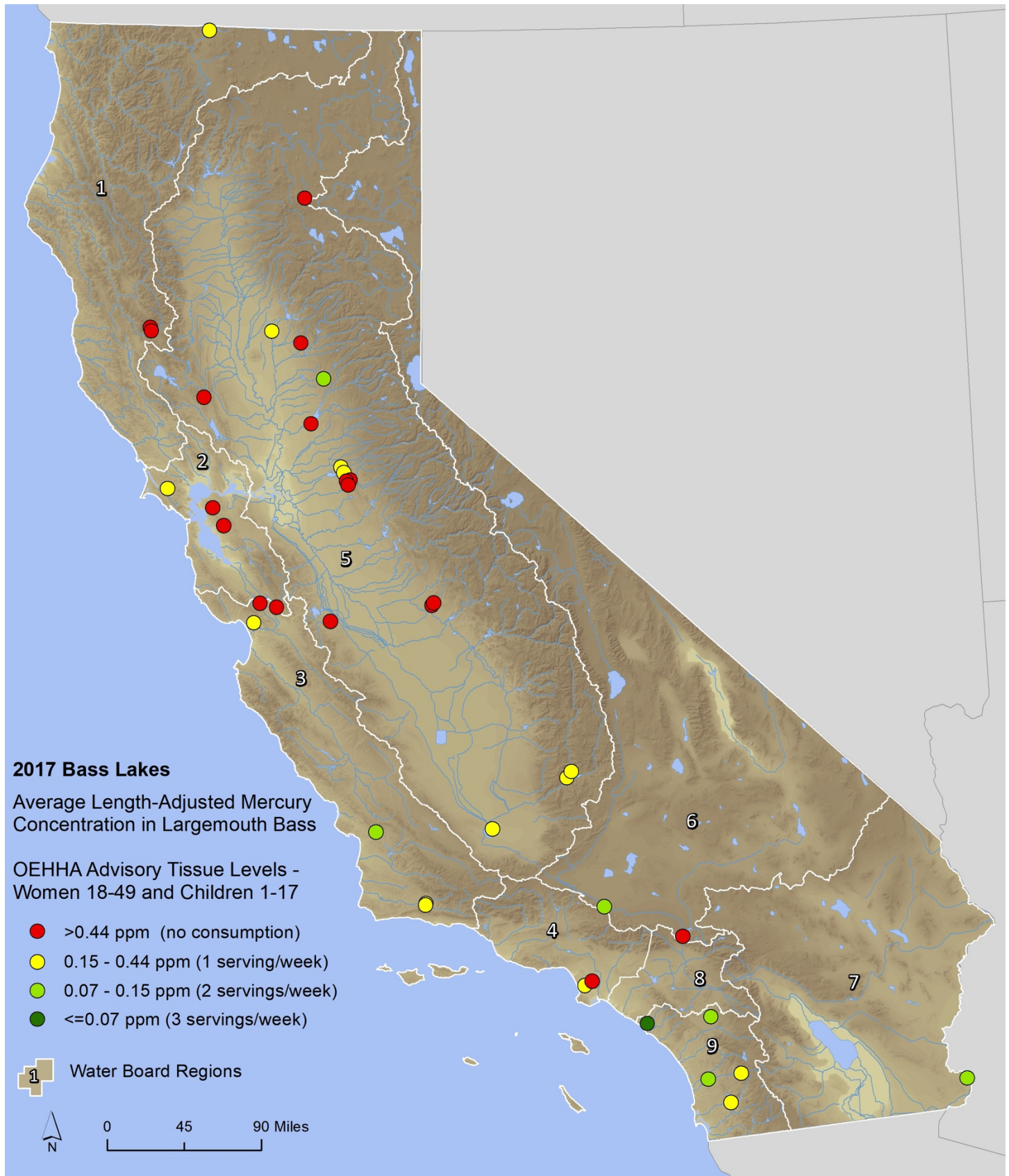


Figure 6. Mean mercury concentrations in 350 mm black bass in California lakes. Most recent sampling year for each lake is shown. Blue shading indicates lakes sampled in 2017.

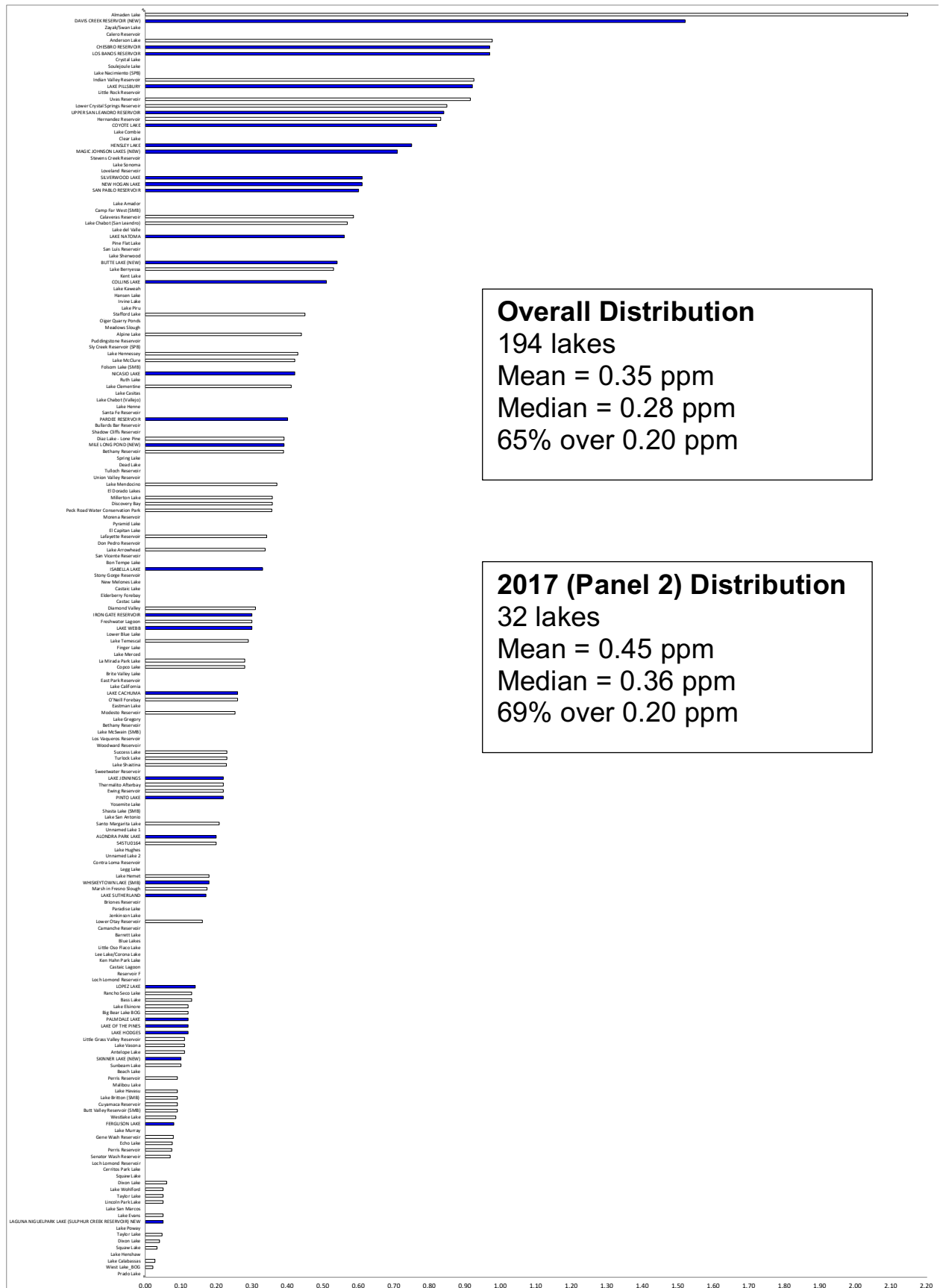
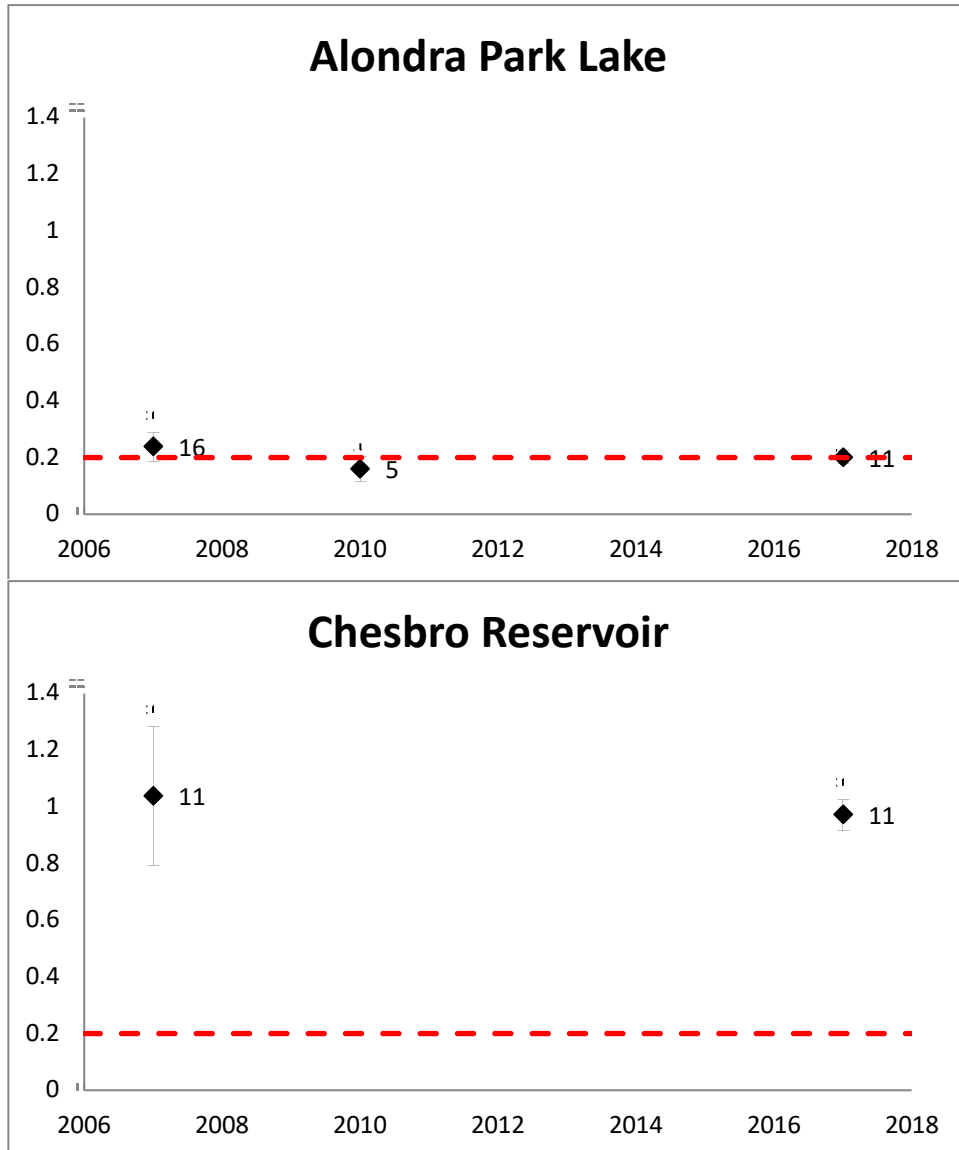
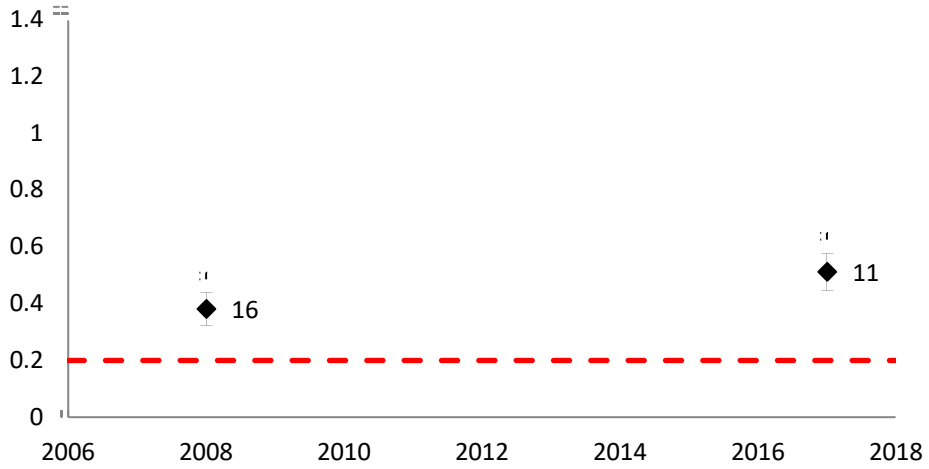


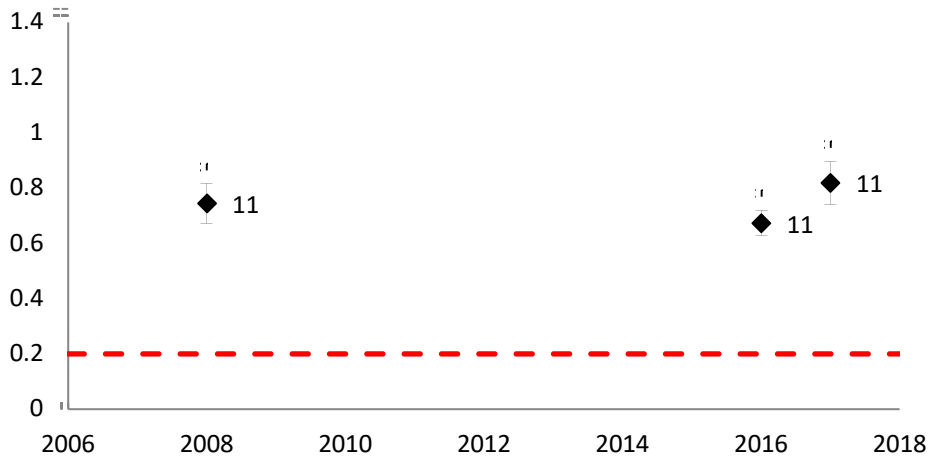
Figure 7. Length-adjusted mean methylmercury concentrations (ppm wet weight) in black bass, current and prior data. Error bars show 2 times the standard error of the mean. Numbers of samples indicated next to each point. Dashed red line shows the 0.2 ppm statewide water quality objective for sport fish.



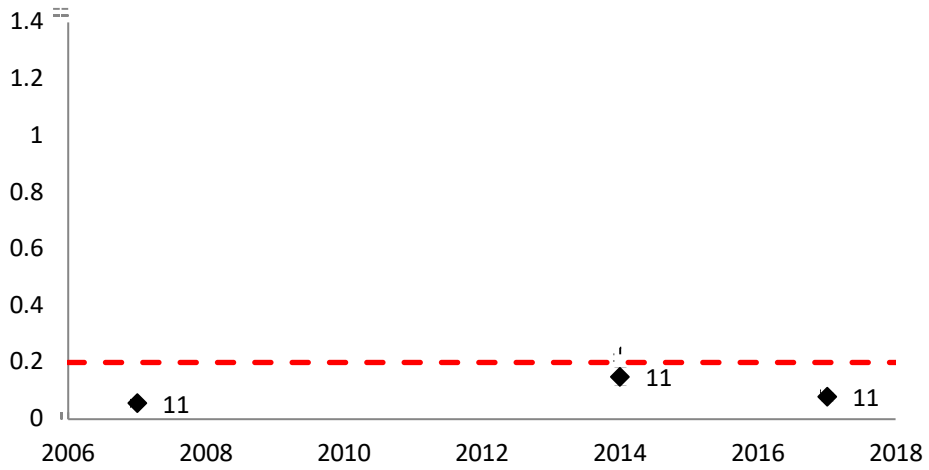
Collins Lake



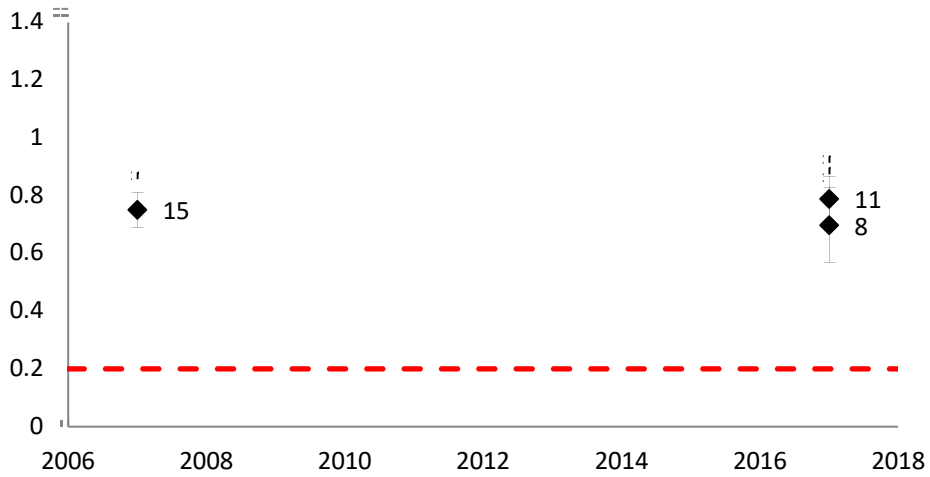
Coyote Lake



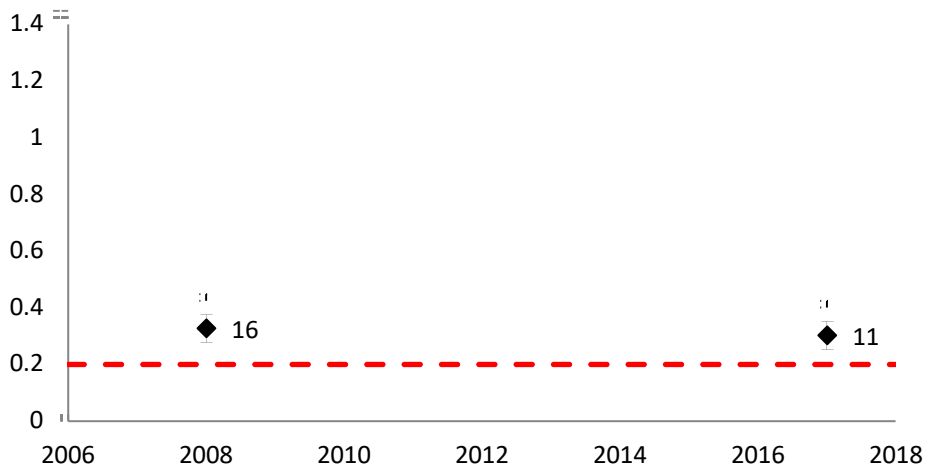
Ferguson Lake



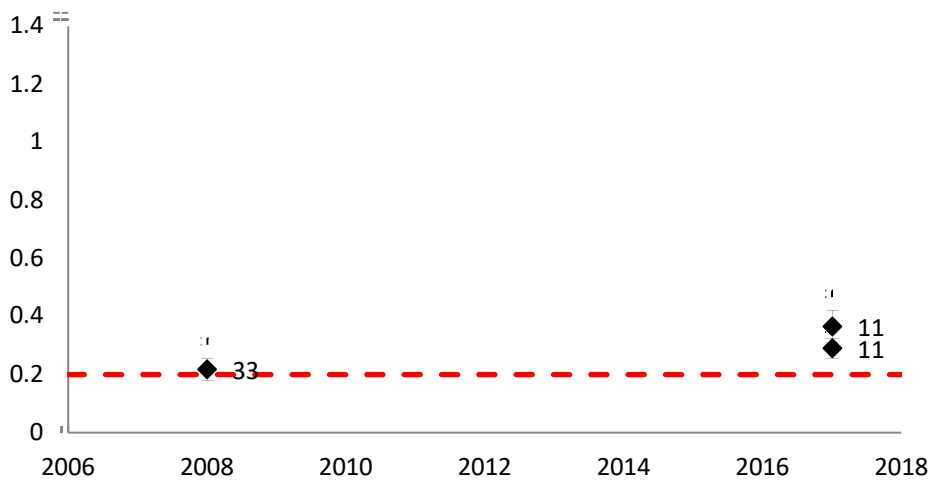
Hensley Lake



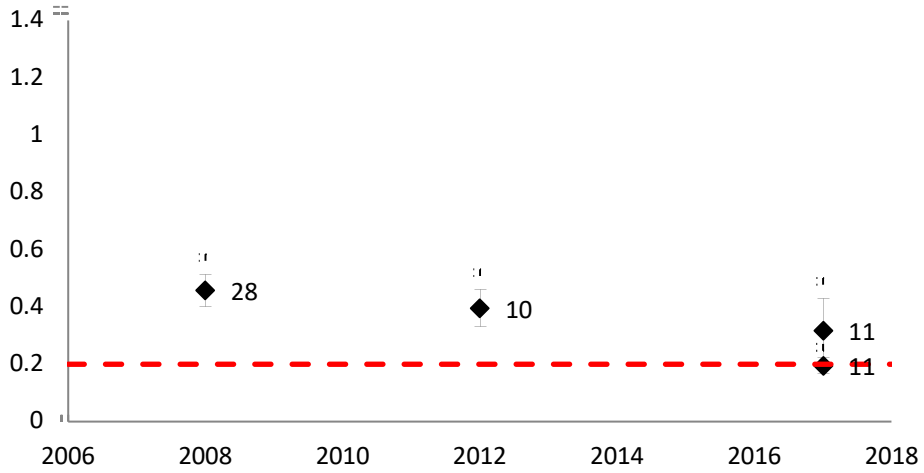
Iron Gate Reservoir



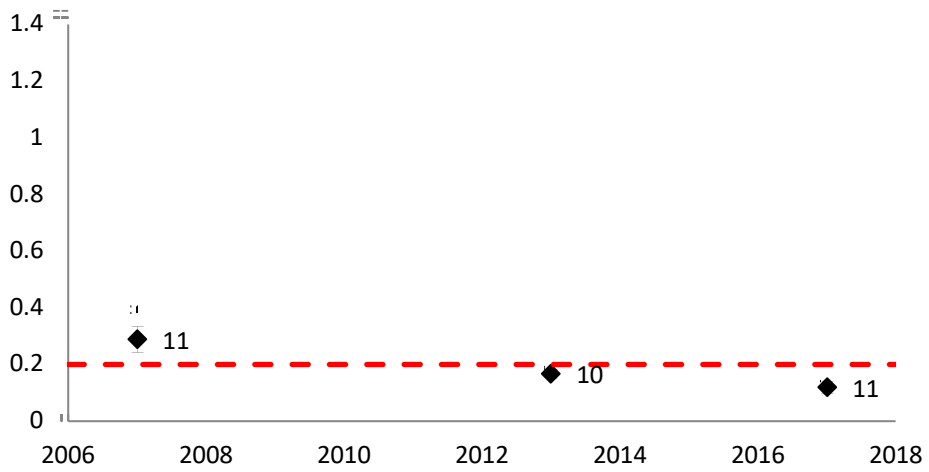
Isabella Lake



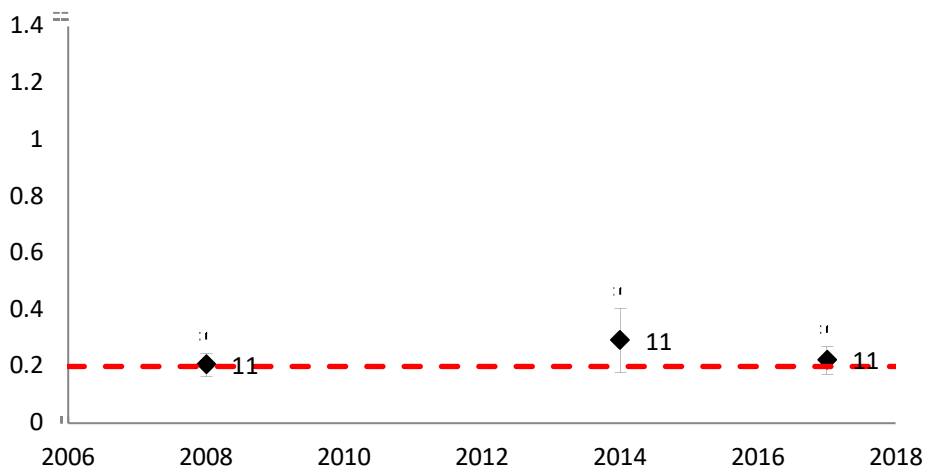
Lake Cachuma



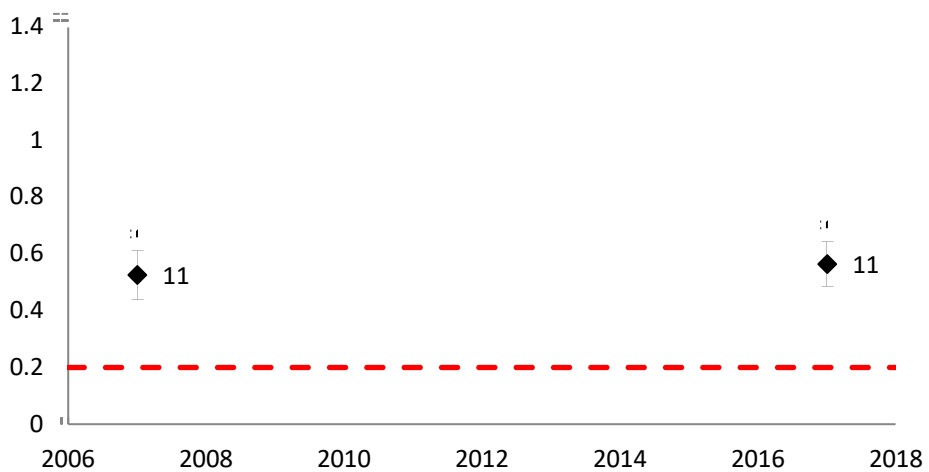
Lake Hodges



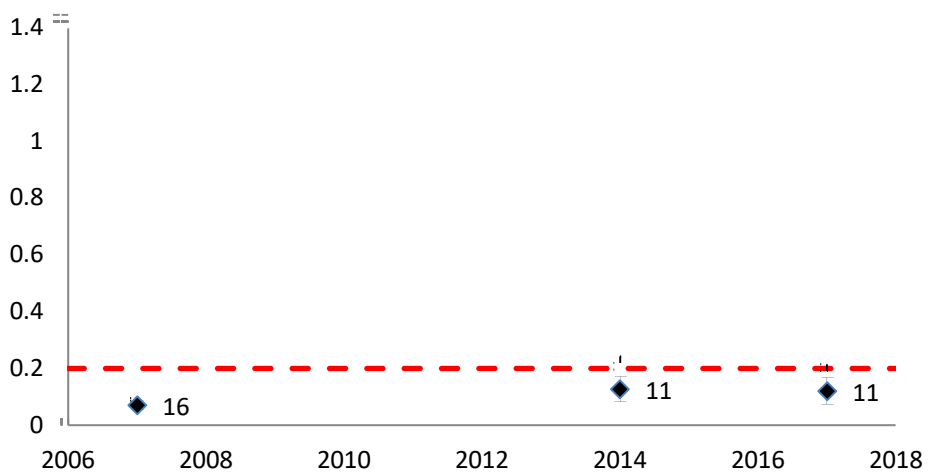
Lake Jennings



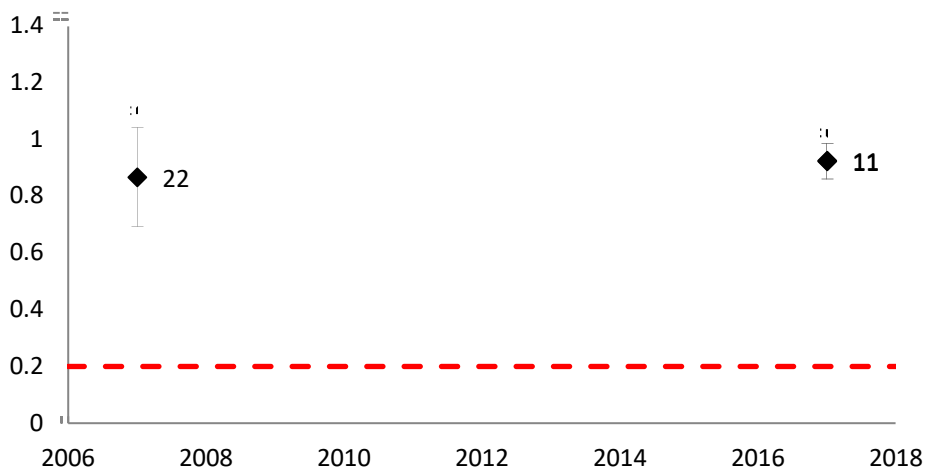
Lake Natomas



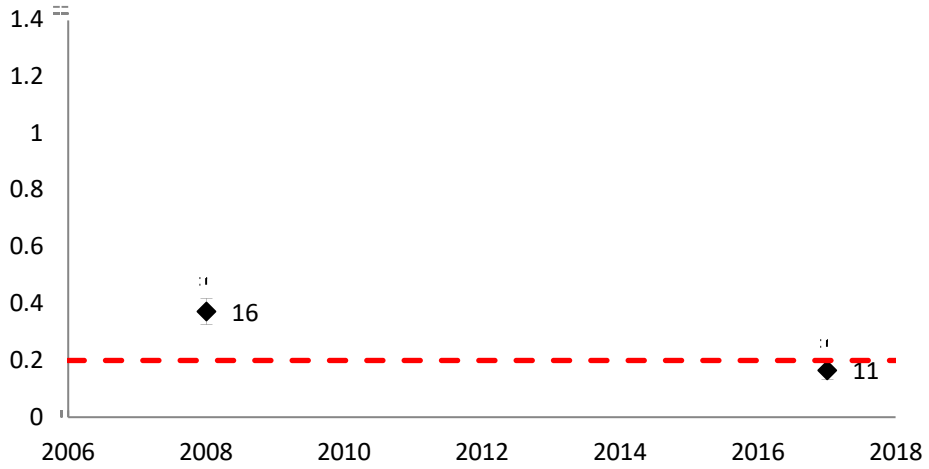
Lake of the Pines



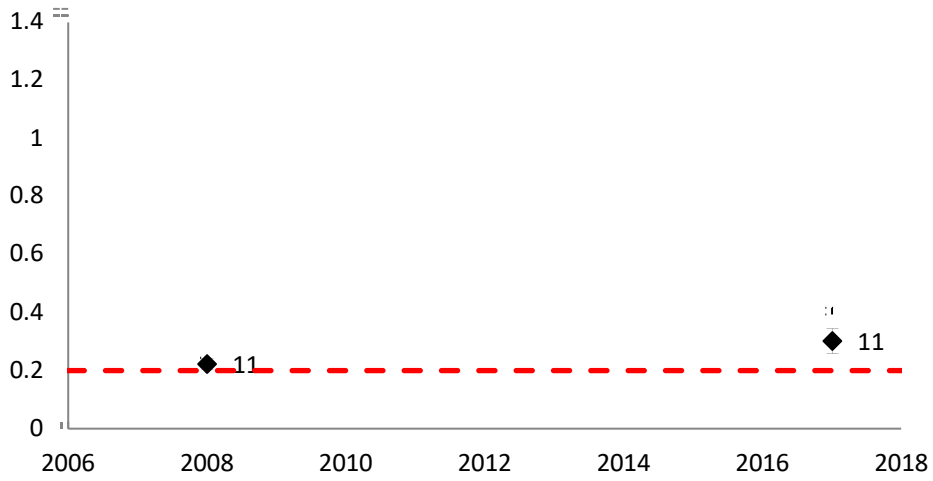
Lake Pillsbury



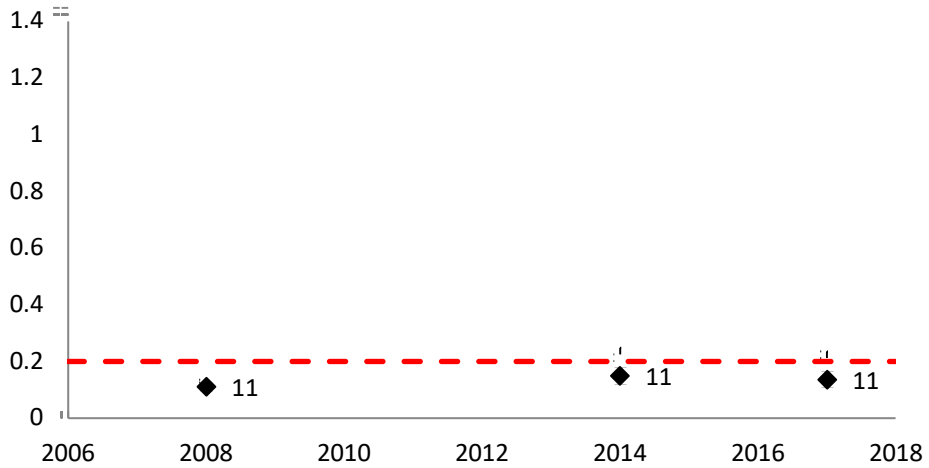
Lake Sutherland



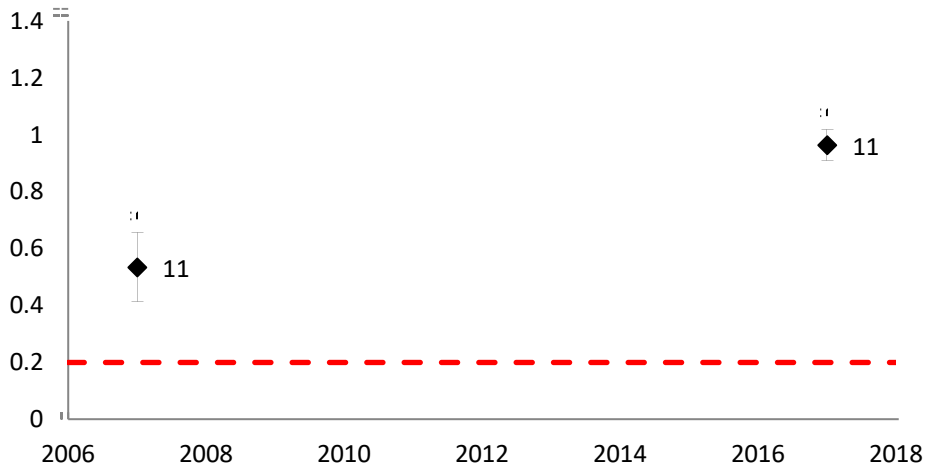
Lake Webb



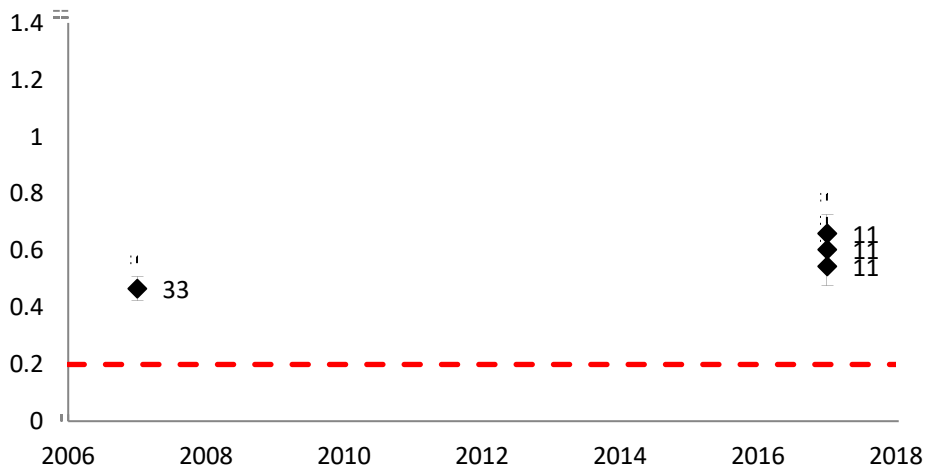
Lake Lopez



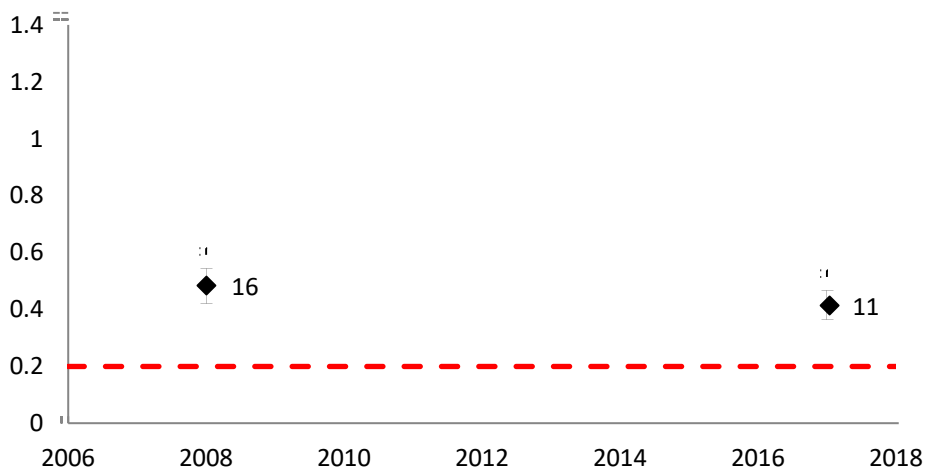
Los Banos Reservoir



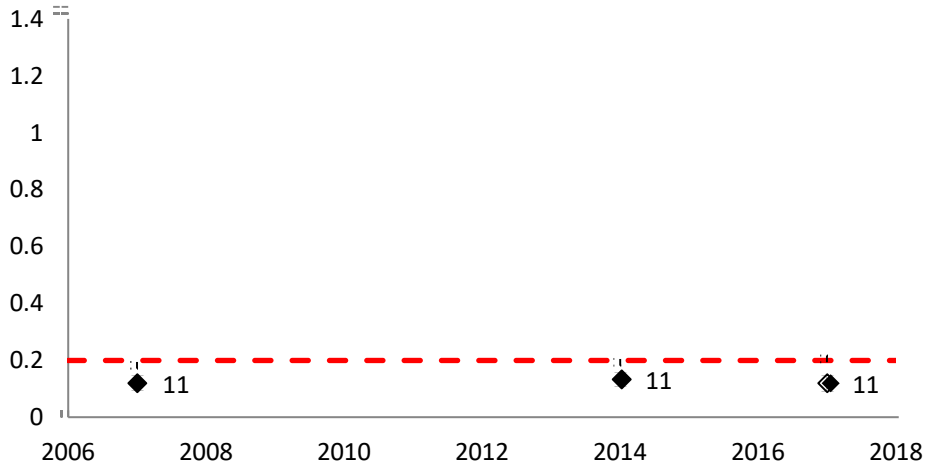
New Hogan Lake



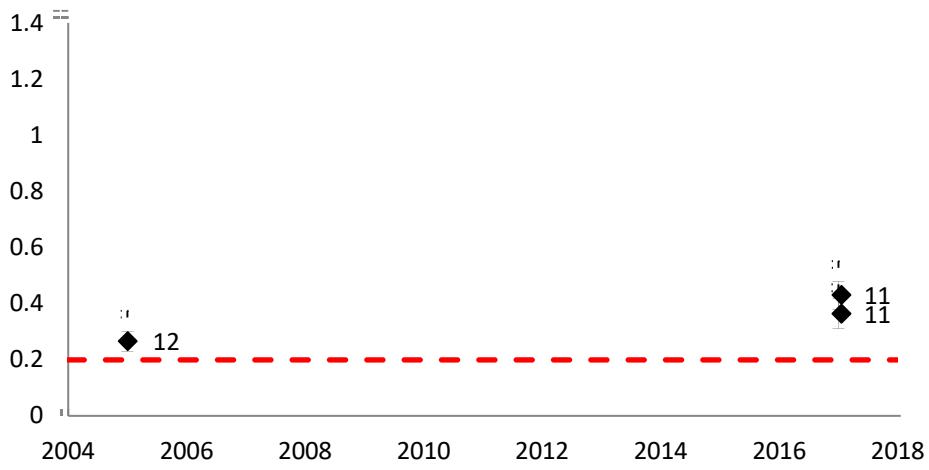
Nicasio Lake



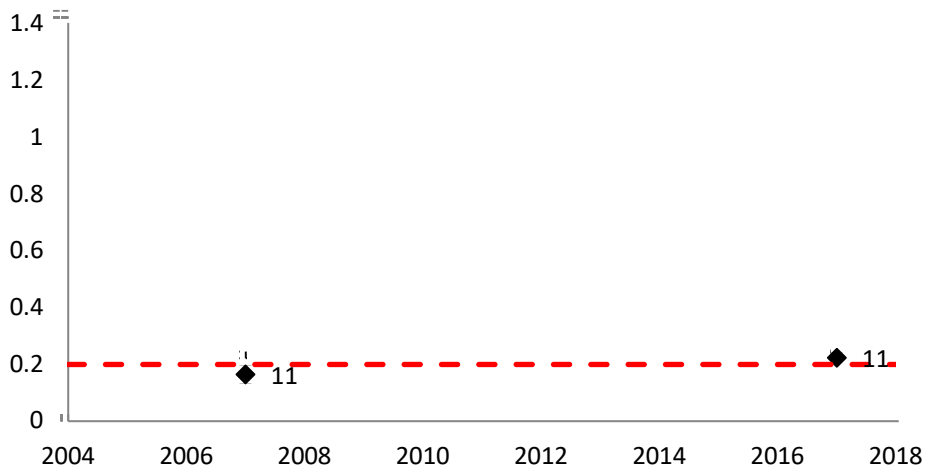
Palmdale Lake



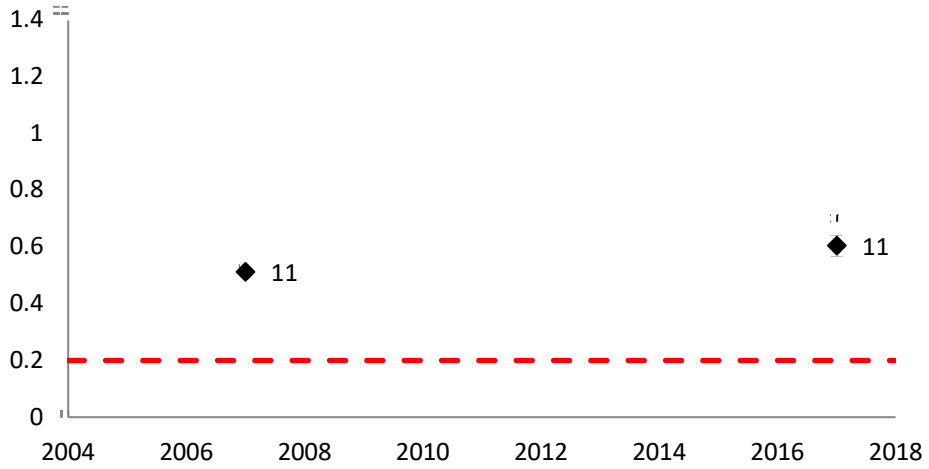
Pardee Reservoir



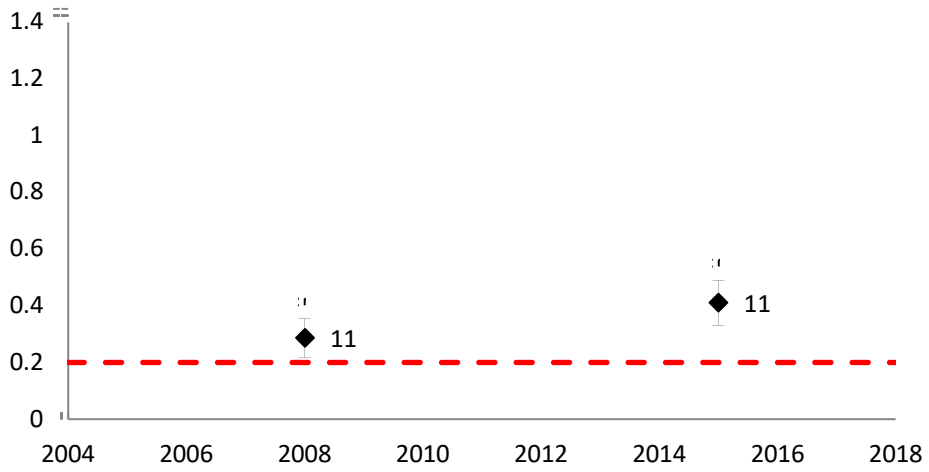
Pinto Lake



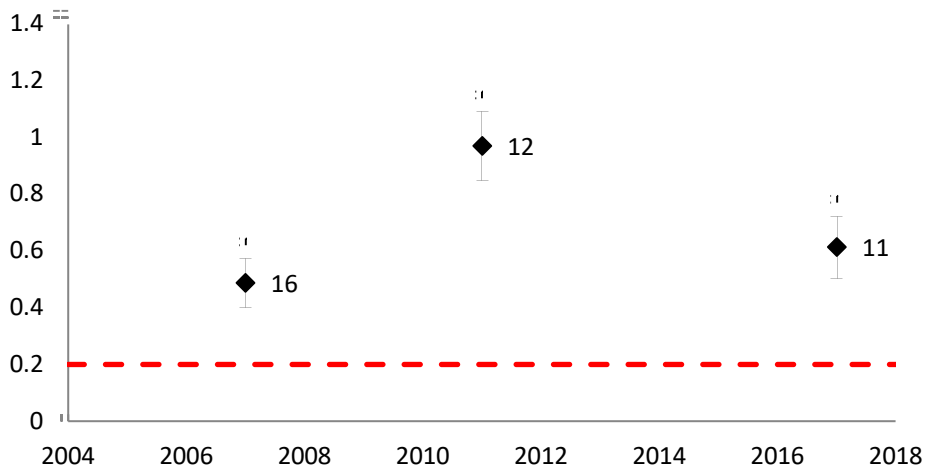
San Pablo Reservoir



Santa Margarita Lake



Silverwood Lake



Whiskeytown Lake

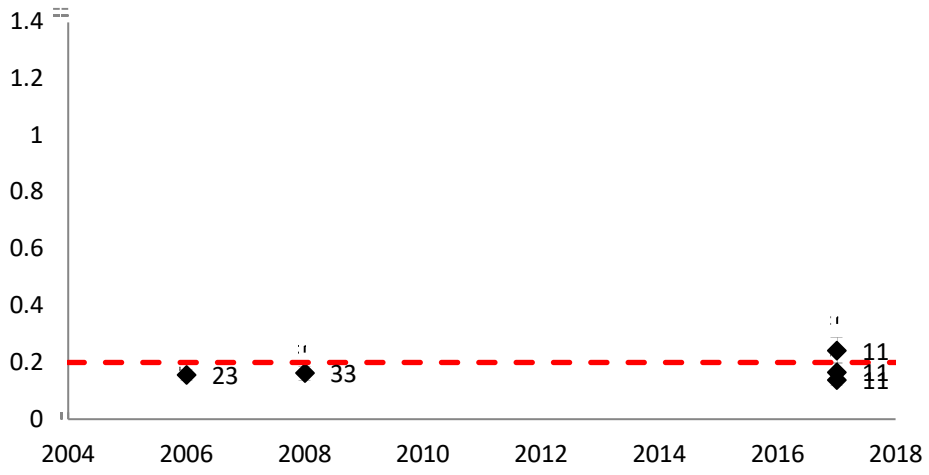
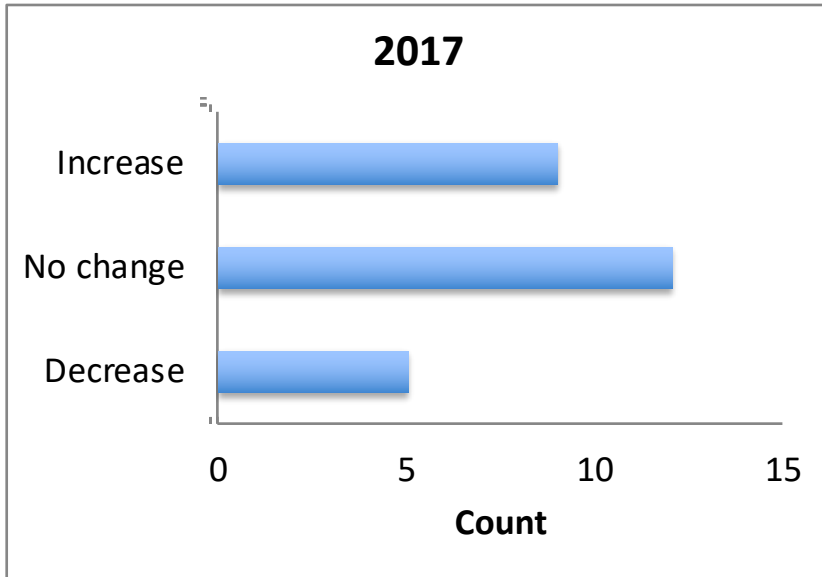


Figure 8. a) Numbers of bass lakes monitored in 2015 with significant increases (zero), no change, significant decreases, or up and down fluctuation. b) Numbers of bass lakes monitored in 2015-2017 with significant increases (zero), no change, significant decreases, or up and down fluctuation. Based on comparison of 350 mm annual means for black bass.

a)



b)

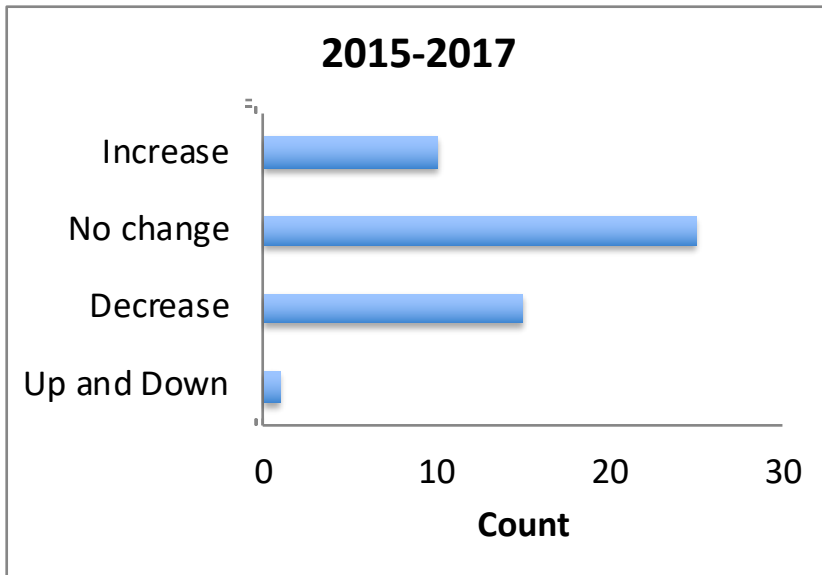


Figure 9. Statewide mean methylmercury concentration (ppm wet weight) in black bass. Based on length-adjusted means for 32xx lakes monitored in 2015xx. Error bars show 2 times the standard error of the mean.

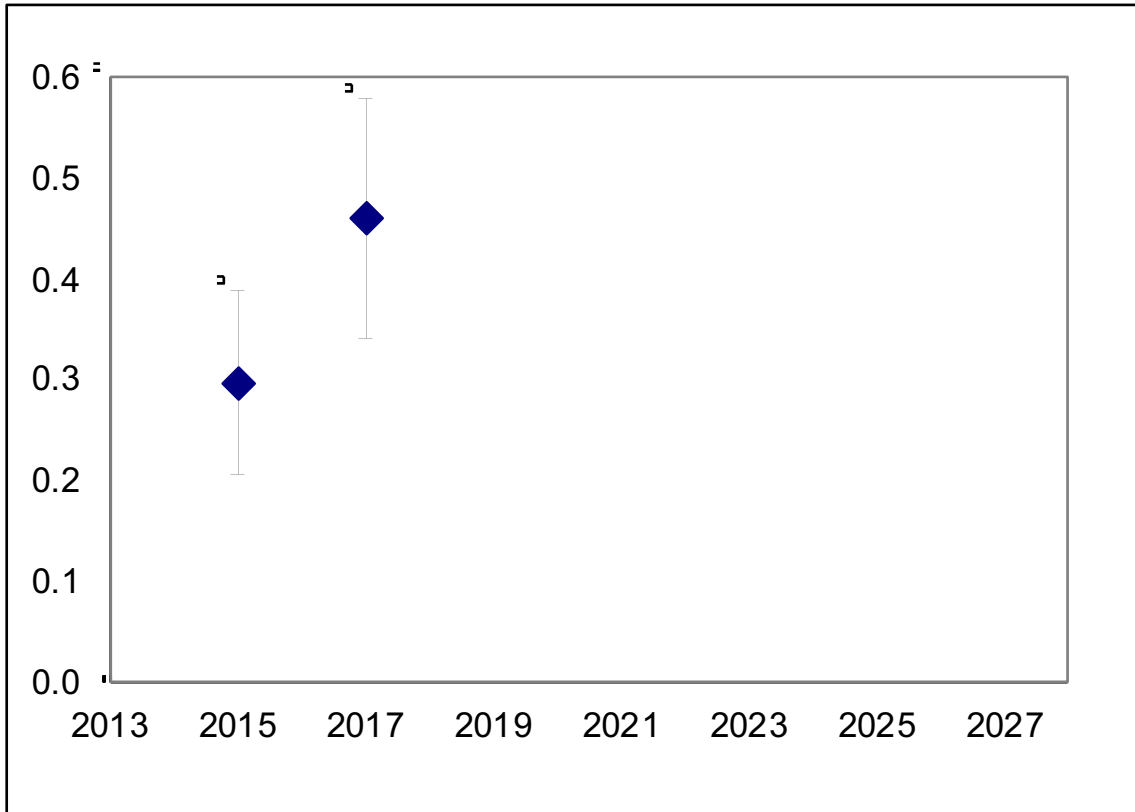


Figure 10. Lakewide mean mercury concentrations in prey fish. Each mean is based on composite samples of multiple species.

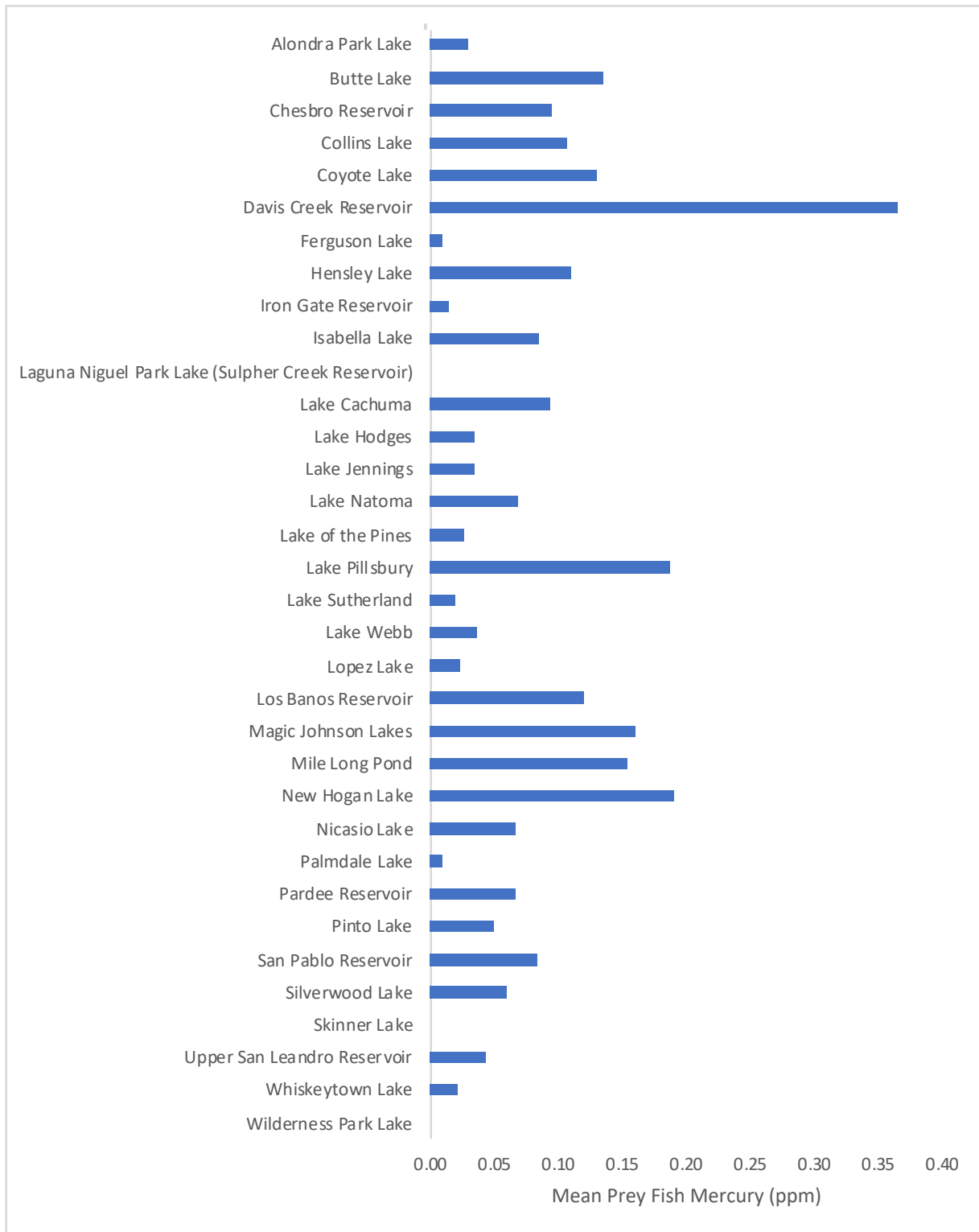


Table 1. Summary of sport fish and prey fish collected at each location. Data listed for Black Butte Lake are actually for Butte Lake.

Region	Waterbody	Sport fish									Prey spp					
		Black Bass Spp	Common Carp	Bluegill	Redear	Green Sunfish	Catfish Spp	Crappie	Brown Bullhead	Other	Bass Spp	Bluegill	Threadfin shad	Silverside	Green sunfish	other
1	Iron Gate Reservoir	11			10				10		10					30
1	Pillsbury, Lake	22									20	20				
2	Upper San Leandro Reservoir	11		10	10						10	10				10
2	San Pablo Reservoir	11									10	10		10		
2	Nicasio Lake	11						7			10	10				10
2	Coyote Lake	11		10				10			10	10				
3	Cachuma, Lake	22	10								20		20			
3	Pinto Lake	11					6	5			10	10				
3	Chesbro Reservoir	11									10	10				
3	Lopez Lake	11									10	10	10			
3	Santa Margarita Lake	11									10	10	10			10
4	Crystal Lake															
4	Wilderness Park Lake		4	9								10				10
4	Magic Johnson Lakes	11		10							10	10		10		
4	Alondra Park Lake	11		10							10	10		7		
4	Elizabeth Lake															
5	New Hogan Lake	33									30	30				
5	Whiskeytown Lake	33									30	30				
5	Natomas, Lake	11		10		10				10	10		10	10		
5	Isabella Lake	22					4				20	20	20			
5	Mile Long Pond (One Mile Lake)	11	10		10						10	10				10
5	Black Butte Lake	11									20	10	10			
5	Davis Creek Reservoir	11		10							10	10				
5	Los Banos Reservoir	11	10		10						10		10			
5	Pardee Reservoir	22										20				10
5	Webb, Lake	11					10				10	10		10		
5	Mountain Meadows Reservoir															
5	Collins Lake	11			10		3	10			10	10			10	
5	Lake of the Pines	11			10						10	10			10	
5	Hensley Lake	19		10			6	11	1	8	20	20			21	
6	Palmdale Lake	11		16	8		12	11		10	10	10		10		10
6	Silverwood Lake	11	3	10			9		6	5		10		10		11
7	Ferguson Lake	11									10					
8	Elsinore, Lake	2														
8	Evans Lake						8									
9	Skinner Reservoir	11	10	7							10					1
9	Hodges, Lake	11					10					10	10			
9	Jennings, Lake	11						10			10	10				
9	Laguna Niguel Park Lake (Sulphur Ck Res)	11	10	10							10					
9	Sutherland, Lake	11	10	10							10		10			

Table 2. Targets for organics sampling to fill information gaps for OEHHA and the Regional Boards.

BOG 2017 OEHHA Wish List vs BOG Design

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StatCode	Water Body	PCBs	OCs	Current Data	Data Needed by OEHHA to Develop Fish Advisory	BOG requests (on Matrix)
105PIG154	Iron Gate Reservoir			LMB (hg=28, PCB=10)	Need 9 each of 2 species other than LMB	LMB, 10 each of 2 other spp and 3 prey spp at 1 location
111PLP137	Pillsbury, Lake			Bluegill (hg=1), Green Sunfish (hg=9), LMB (hg=86, PCB=15), RBT (hg=14), Sacramento Pikeminnow (hg=28)	We have adequate data but data for additional species welcome	LMB and 3 prey spp at 2 locations
201PNL105	Nicasio Lake	X		LMB (hg=48, PCB=15), Bluegill (hg=15), carp (hg=12)	We have adequate data but new data welcome (e.g. catfish, crappie), Need PCB for sunfish or carp	LMB, 10 CRP, and 3 prey spp for 1 location; other sunfish OK
204TL0138	Upper San Leandro Reservoir			LMB (hg=15, PCB= 10)	Need 9 each of 2 species other than LMB	LMB, 10 each of 2 others and 3 prey spp at 1 location
205PCL212	Coyote Lake			carp (hg=10, PCB=5), LMB (hg=7)	Need 2 more LMB, and 9 more of another species (not carp)	LMB, 10 each of 2 other spp and 3 prey spp at 1 location; No CAR
206PSP205	San Pablo Reservoir			carp (hg=39, PCB=15), LMB (hg=6), black crappie (hg=15), catfish (hg=12)	We have adequate data but data for additional species welcome (e.g. Rainbow Trout, Redear)	LMB and 3 prey spp at 1 location
305PCB032	Chesbro Reservoir	X		carp (Hg= 10, PCB=10), LMB (hg=7)	Need 2 LBM and 9 of another species (not carp)	LMB, 5 PCB indicator, and 3 prey spp for 2 locations; indicator does not have to be CHC but no CAR
305PPL088	Pinto Lake		X	Bluegill (hg= 10, PCB=10), Brown Bullhead (hg= 10, PCB=10), carp (hg=15, PCB=15), Goldfish (hg=10),	We have adequate data but data for additional species welcome (e.g. Rainbow Trout, crappie, catfish)	LMB, 10 OC indicator, and 3 prey spp for 1 location; indicator does not have to be CHC but should be other
310PLL106	Lopez Lake			Bluegill (Hg=10), Brown Bullhead (Hg= 10, PCB=10), crappie (Hg=10), Redear (Hg=10), LMB (Hg= 23).	We have adequate data but data for additional species welcome (e.g. catfish)	LMB and 3 prey spp at 1 location
314PLC191	Cachuma, Lake			carp (hg= 15, PCB=15), Bluegill (hg=3), LMB (hg=41)	Need 6 more Bluegill, would like PCBs for sunfish, too	LMB, 5 BGL and 3 prey spp at 3 locations
405CRYLK	Crystal Lake	X		sublegal LMB, sufficient PKS (Hg, Se, PCBs)	trout, bass and catfish sampling with PCBs in the catfish	LMB, 10 RBT, 10 CHC and 3 prey spp at 1 location
405DOWILD	Wilderness Park Lake			catfish (Hg and PCB=3), carp (Hg and PCB=5)	Need 6 Catfish, 4 Carp, and 9 of another species	LMB, 4 CAR, 6 CHC, 10 other spp and 3 prey spp at 1 location
411PAP023	Alondra Park Lake	X		carp (Hg and PCB=10), LMB (Hg=17, PCB=10)	Need 9 of another species (Not carp or LMB)	LMB, 10 PCB indicator, and 3 prey spp at 1 location; indicator does not have to be CHC but no CAR
412MGJSLK	*Magic Johnson Lakes	X		Bass (Hg, PCB=13), Bluegill (Hg, PCB=30), carp (Hg, PCB=7), catfish (Hg, PCB=12), Trout (Hg, PCB=9)	We have adequate data but data for additional species welcome (e.g. crappie)	LMB, 10 CRP, and 3 prey spp for 1 location;
513DAVSCR	Davis Creek Reservoir	X		No data	Need 9 each of 3 species	LMB and 3 prey spp, 10 each of 2 other spp at 1 location; Will analyze PCBs on 2 comps
515MILGPD	Mile Long Pond	X		No data	Need 9 each of 3 species	LMB, 10 each of 2 other spp and 3 prey spp at 1 location; Will analyze PCBs on 2 comps
516TP0045	Lake of the Pines			Bluegill (Hg=10), Green Sunfish (Hg=10, PCB=10), LMB (Hg= 19, PCB=5)	Need 9 of another species (not Bluegill, Green Sunfish, or LMB)	LMB, 10 other sp and 3 prey spp at 1 location; No BGL or GRS
517PCL005	Collins Lake			LMB (Hg= 42, PCB=15)	Need 9 each of 2 other species (not LMB)	LMB, 10 each of 2 other spp and 3 prey spp at 1 location
518MTMEDR	Mountain Meadows Reservoir	X		No data DRAINED 2015	Need 9 each of 3 species	sampling with Panel 3 (2019)
519PLN133	Natomas, Lake	X		Carp (Hg=10, PCB=5), Catfish (Hg=10), LMB (Hg=10)	We have adequate data but data for additional species welcome (e.g. Rainbow Trout, sunfish)	LMB, 10 BGL, 10 PCB indicator, and 3 prey spp for 1 location; indicator sp does not have to be CHC or CAR
524PWT057	Whiskeytown Lake			Bluegill (Hg=11), Brook Trout (Hg= 16), Brown Bullhead (Hg=6), LMB (Hg=46, PCB=20), SMB (Hg=3), SP (Hg=5),	We have adequate data but data for additional species welcome (Kokanee, Rainbow Trout, Brown Trout)	LMB and 3 prey spp at 3 locations
526PBL114	Black Butte Lake			carp (Hg and PCB=40), SMB (Hg=34), White Crappie (Hg=21)	We have adequate data but data for additional species welcome (Spotted Bass, catfish, sunfish)	LMB and 3 prey spp at 1 location
532PPD073	Pardee Reservoir			Channel Catfish (Hg=21), Carp (Hg=5), Kokanee (Hg=10), Redear (Hg=7), LMB (Hg=17)	Have enough data, but 2 Redear and 4 carp would be helpful	LMB and 3 prey spp at 2 locations
533PNH089	New Hogan Lake			Bluegill (Hg=10), catfish (Hg=12), Redear (Hg=4), LMB (Hg=31, PCB=15), SMB (Hg=10)	We have adequate data but data for additional species welcome (e.g. Striped Bass, Crappie)	LMB and 3 prey spp at 3 locations
539PHL082	Hensley Lake			Black Crappie (Hg=3), Bluegill (Hg=3), carp (Hg=15, PCB=10), LMB (Hg=20), White catfish (Hg=1)	Need 6 Black Crappie, 6 Bluegill, and/or 8 White Catfish	LMB, 10 CRP, 10 BGL 10 WHC and 3 prey spp at 1 location
542PLB064	Los Banos Reservoir		X	LMB (Hg=7, PCB=5)	Need 2 LMB and 9 each of 2 additional species	LMB, 10 OC indicator, 10 of other sp and 3 prey spp for 1 location; indicator does not have to be CHC but should be

Table 2. Targets for organics sampling to fill information gaps for OEHHA and the Regional Boards (continued).

BOG 2017 OEHHA Wish List vs BOG Design

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StatCode	Water Body	PCBs	OCs	Current Data	Data Needed by OEHHA to Develop Fish Advisory	BOG requests (on Matrix)
554PLB026	Isabella Lake	X	X	Carp (Hg and PCB=21), LMB (Hg=39)	Need 9 more of another species (not carp or LMB)	LMB, 5 PCB indicator, and 3 prey spp for 3 locations; indicator sp does not have to be CHC but no CAR
557PWB010	Webb, Lake	X		carp (Hg=10, PCB=5), LMB (Hg=9)	Need 9 of another species (not carp or LMB)	LMB, 10 PCB indicator, and 3 prey spp for 1 location; indicator does not have to be CHC but no CAR
626TU0279	Palmdale Lake	X		Bluegill (Hg=2), Channel Catfish (Hg=10, PCB=5), LMB (Hg=16), Rainbow Trout (Hg=1), White Catfish (Hg=5,	Need 7 Bluegill with PCBs (or PCBs in black bass), 8 Rainbow Trout, and/or 4 White Catfish COVERED BY R6	LMB and 3 prey spp. PLUS full suite of spp from R6 project wish list
628PSW035	Silverwood Lake	X		Bluegill (Hg and PCB=10), Brown Bullhead (Hg and PCB=3), catfish (Hg and PCB=9), carp (Hg and PCB=3), LMB	We have adequate data but data on additional species welcome (e.g. crappie). Also helpful: 6 Brown Bullhead, 6	LMB, 10 BRB, 10 CRP or other sunfish and 3 prey spp at 1 location; other PCB indicator OK, but try for those listed
715TF0091	Ferguson Lake			carp (Hg= 35, PCB=20), Bluegill (Hg=7), catfish (Hg=8), LMB (Hg= 31), Redear (Hg=4), Striped Bass (Hg=1)	Need 2 Bluegill, 1 catfish, 5 Redear, and/or 8 Striped Bass	LMB and 3 prey spp at 1 location
802PEL058	Elsinore, Lake	X	X	carp (Hg=56, PCB=20), LMB= (Hg= 13)	Need 9 of another species (not carp or LMB)	LMB, 5 PCB indicator, and 3 prey spp for 2 locations; indicator does not have to be CHC but no CAR
901LAGNPL	Laguna Niguel Park Lake	X		No data	Need 9 each of 3 other species, including PCBs	LMB, 10 each of 2 other spp and 3 prey spp at 1 location; Will analyze PCBs on 2 comps
902SKINLK	Skinner	X		No data	Need 9 each of 3 species (including PCBs)	LMB, 10 each of 2 other spp and 3 prey spp at 1 location; Will analyze PCBs on 2 comps
905PLH070	Hodges, Lake	X		carp (Hg=10, PCB=5), LMB (Hg=14)	Need 9 of another species (not carp or LMB), including PCBs for accumulator species	LMB, 10 PCB indicator, and 3 prey spp for 1 location; indicator does not have to be CHC but no CAR
905PLS198	Sutherland, Lake	XX		LMB (Hg=12, PCB=5)	Need 9 each of 2 other species with PCBs (not LMB)	LMB, 10 each of 2 other spp and 3 prey spp at 1 location; Will analyze PCBs on 2 comps
907PLJ102	Jennings, Lake			catfish (Hg=5, PCB=3), LMB (Hg=14), Redear (Hg=10)	Need 4 more catfish with PCBs and PCBs for black bass	LMB, 10 CHC or WHC, and 3 prey spp for 1 location; Will run PCBs on LMB also

Table 3. Analytes included in the 2017 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-DFW	Age	Age		458	100	100
MPSL-DFW	MERCURY	Mercury	0.004	645	99	99
MPSL-DFW	SELENIUM	Selenium	0.15	220	95	95
ALS	PCB	PCB 001	2.1	24	0	0
ALS	PCB	PCB 005	0.1	24	13	13
ALS	PCB	PCB 008	0.3	24	0	0
ALS	PCB	PCB 018	0.2	24	13	13
ALS	PCB	PCB 028	0.2	24	17	17
ALS	PCB	PCB 031	0.1	24	17	17
ALS	PCB	PCB 033	0.6	24	4	4
ALS	PCB	PCB 037	0.2	24	17	17
ALS	PCB	PCB 044	0.2	24	21	21
ALS	PCB	PCB 049	0.1	24	25	25
ALS	PCB	PCB 052	0.2	24	25	25
ALS	PCB	PCB 056	0.4	24	0	0
ALS	PCB	PCB 060	0.8	24	13	13
ALS	PCB	PCB 066	0.2	24	21	21
ALS	PCB	PCB 070	0.1	24	21	21
ALS	PCB	PCB 074	0.3	24	13	13
ALS	PCB	PCB 077	0.3	24	0	0
ALS	PCB	PCB 081	1.0	24	0	0
ALS	PCB	PCB 087	0.5	24	0	0
ALS	PCB	PCB 090	0.2	24	0	0
ALS	PCB	PCB 095	1.3	24	4	4
ALS	PCB	PCB 097	0.1	24	25	25
ALS	PCB	PCB 099	0.3	24	21	21
ALS	PCB	PCB 101	0.4	24	21	21
ALS	PCB	PCB 105	0.1	24	29	29
ALS	PCB	PCB 110	0.2	24	46	46
ALS	PCB	PCB 114	0.1	24	8	8
ALS	PCB	PCB 118	0.1	24	54	54
ALS	PCB	PCB 119	0.2	24	4	4
ALS	PCB	PCB 123	0.1	24	8	8
ALS	PCB	PCB 126	0.2	24	0	0
ALS	PCB	PCB 128	0.1	24	13	13
ALS	PCB	PCB 132	0.5	24	8	8
ALS	PCB	PCB 138	0.2	24	46	46
ALS	PCB	PCB 141	0.1	24	21	21
ALS	PCB	PCB 149	0.1	24	29	29
ALS	PCB	PCB 151	0.1	24	8	8
ALS	PCB	PCB 153	0.1	24	67	67
ALS	PCB	PCB 156	0.1	24	13	13
ALS	PCB	PCB 157	0.1	24	8	8
ALS	PCB	PCB 158	0.1	24	13	13
ALS	PCB	PCB 166	0.2	24	4	4
ALS	PCB	PCB 167	0.2	24	0	0
ALS	PCB	PCB 168	0.2	24	4	4
ALS	PCB	PCB 169	0.2	24	0	0
ALS	PCB	PCB 170	0.2	24	0	0
ALS	PCB	PCB 174	0.1	24	4	4
ALS	PCB	PCB 177	0.2	24	8	8
ALS	PCB	PCB 180	0.3	24	21	21
ALS	PCB	PCB 183	0.1	24	8	8
ALS	PCB	PCB 184	0.2	24	0	0
ALS	PCB	PCB 187	0.2	24	25	25
ALS	PCB	PCB 189	0.1	24	0	0
ALS	PCB	PCB 194	0.2	24	0	0
ALS	PCB	PCB 195	0.1	24	0	0
ALS	PCB	PCB 201	0.2	24	0	0
ALS	PCB	PCB 203	0.2	24	4	4
ALS	PCB	PCB 206	0.1	24	0	0
ALS	PCB	PCB 209	0.2	24	0	0
ALS	DDT	DDD(o,p')	0.4	3	0	0
ALS	DDT	DDD(p,p')	0.8	3	0	0
ALS	DDT	DDE(o,p')	0.6	3	0	0
ALS	DDT	DDE(p,p')	0.5	3	100	100
ALS	DDT	DDT(o,p')	0.6	3	0	0
ALS	DDT	DDT(p,p')	0.8	3	0	0
ALS	DIELDRIN	Dieldrin	0.3	3	0	0
ALS	CHLORDANE	Chlordane, cis-	0.6	3	0	0
ALS	CHLORDANE	Chlordane, tran	1.1	3	0	0

Table 4a. Scientific and common names of sport fish species collected in the second round (2017) 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
<i>Ameiurus catus</i>	White Catfish	3	1	1			1	255	265	585	x	
<i>Ameiurus nebulosus</i>	Brown Bullhead	30	5	4	8	1	4	205	256	535	x	x
<i>Catostomus occidentalis</i>	Sacramento Sucker	10	2	1			1	419	495	551	x	
<i>Cyprinus carpio</i>	Common Carp	67	14	8			8	330	540	775	x	
<i>Ictalurus punctatus</i>	Channel Catfish	39	8	5			5	245	475	710	x	
<i>Lepomis cyanellus</i>	Green Sunfish	10	2	1			1	105	139	176	x	
<i>Lepomis gibbosus</i>	Pumpkinseed	8	2	1			1	165	171	179	x	
<i>Lepomis macrochirus</i>	Bluegill	92	17	12			12	111	152	315	x	
<i>Lepomis microlophus</i>	Redear Sunfish	56	9	6			6	112	141	256	x	
<i>Micropterus dolomieu</i>	Smallmouth Bass	33	3	1	33	1	1	210	287	557	x	x
<i>Micropterus salmoides</i>	Largemouth Bass	426	39	32	426	32	32	160	329	560	x	x
<i>Morone saxatilis</i>	Striped Bass	3	1	1	3	1	1	450	475	525	x	x
<i>Orthodon microlepidotus</i>	Sacramento Blackfish	2	1	1			1	495	495	495	x	
<i>Pomoxis</i>	Crappie	11	2	1			1	140	155	170	x	
<i>Pomoxis nigromaculatus</i>	Black Crappie	38	7	5	1	1	5	115	185	386	x	x
	Totals	828	113		471							

Table 4b. Scientific and common names of prey fish species collected in the second round (2017) 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)
<i>Alosa sapidissima</i>	American Shad	10	1	1	1	54	60	68
<i>Cottus</i>	Sculpin	10	1	1	1	40	71	84
<i>Cyprinus carpio</i>	Common Carp	20	2	2	2	32	43	64
<i>Dorosoma petenense</i>	Threadfin Shad	80	8	6	6	48	73	100
<i>Gobiidae</i>	Goby	30	3	3	3	38	59	86
<i>Lavinia exilicauda</i>	Hitch	10	1	1	1	65	68	77
<i>Lepomis cyanellus</i>	Green Sunfish	50	5	5	5	34	84	100
<i>Lepomis macrochirus</i>	Bluegill	364	36	27	27	32	68	110
<i>Lepomis microlophus</i>	Redear Sunfish	24	2	2	2	40	78	110
<i>Menidia beryllina</i>	Silverside	67	7	7	7	46	78	102
<i>Micropterus dolomieu</i>	Smallmouth Bass	40	4	2	2	42	63	85
<i>Micropterus salmoides</i>	Largemouth Bass	350	35	29	29	26	58	149
<i>Pomoxis nigromaculatus</i>	Black Crappie	10	1	1	1	40	53	60
	Totals	1065	106					

Appendix 1: Cruise report for the 2017 bass lakes survey

Cruise Report for the
Surface Waters Ambient Monitoring Program (SWAMP)
Panel 2 of Long-Term Monitoring of Bass Lakes and Reservoirs in
California.

Sampling Dates: March 28-September 13, 2017

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.

Oversight for this Project was provided by the SWAMP Roundtable. The Roundtable is composed of State and Regional Water Board staff and representatives from other agencies and organizations including USEPA, the California Department of Fish and Wildlife, the California Office of Environmental Health Hazard Assessment (OEHHA), and the California State Universities. Interested parties, including members of other agencies, consultants, and other stakeholders are also welcome to participate.

The Roundtable has formed a subcommittee, the Bioaccumulation Oversight Group (BOG), which focuses on bioaccumulation monitoring. The BOG is composed of State and Regional Water Board staff and representatives from other agencies and organizations including 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.

Between 2007 and 2008, the BOG sampled sportfish from 258 California lakes and reservoirs. From this initial survey plus additional water bodies added by regional board staff, approximately 190 priority bass lakes have been identified for long term monitoring.

The BOG has developed a set of monitoring objectives and assessment questions for a statewide program evaluating the impacts of bioaccumulation in support of the SWAMP mission. 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 four objectives can be summarized as 1) status; 2) trends; 3) sources and pathways; and 4) effectiveness of management actions.

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.

This work plan represents the first step in developing a long-term program to provide status and trend monitoring of bioaccumulation that support the fishing beneficial use in lakes and reservoirs. Lakes with black bass account for a large number and proportion of the water bodies that are not being covered by other programs and need to be sampled at a 10-year frequency.

The overall approach will establish a long-term cycle for sampling the 190 priority 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. The cycle will then be repeated. 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 that will add to a long-term time series that will allow evaluation of the statewide trend in food web mercury.

The annual SWAMP bioaccumulation monitoring budget is sufficient for sampling about 35 lakes in any given year. A biennial sampling scheme could therefore cover the entire list over a 10-year period.

The goal of this sampling 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, whether the sampling was done as part of the 2007-2008 SWAMP survey (BOG 2007) or as part of another study. The one general difference from past sampling will be a narrower focus on mercury in black bass. Bass tissue mercury will be measured in all of these lakes. PCBs and 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.

In sport fish sampling 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. Therefore, for lakes less than 500 ha, one location will be sampled. 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 the goal of the study is to characterize human exposure, the existing locations have been established near centers of fishing activity.

In 2015 the first panel of randomly chosen lakes was sampled. This year the second panel of lakes (Table 1) was sampled, in addition to some of the lakes that weren't sampled in 2015 because of low water.

At some of the lakes, in addition to black bass species, other sportfish species was requested by OEHHA for contaminant analyses.

In all the lakes sampled, 1-4 prey species (<100mm, TL, 10 fish/species) were collected for mercury analysis to determine wildlife risk. This followed protocols from the BOG 2015 study.

The fish collections and analyses followed the BOG Quality Assurance Program Plan (QAPP) and approved by Peer Review Panel.

1.0 Cruise Report

1.1 Objectives

The objectives were to collect 11 individual black bass over a designated size range at each location in the 38 selected lakes. Two lakes from 2015 (Panel 1) list of lakes were also added to the list. Additionally, prey fish (25-100 mm, total length) were sampled using traps, seines, electroshocking and dip nets from shoreline areas adjacent to the locations where sport fish are collected. Ten individuals each from one-four different prey fish species were sampled from each lake. We targeted the following primary prey fish target species at all lakes: Mississippi silversides, young-of-the-year black bass, young-of-the-year bluegill, young-of-the-year green sunfish and threadfin shad. Other species that were within the target size range were collected if the primary targets are not available. Efforts were made to sample the same species across all lakes, and when not possible fish that overlap in trophic guilds were sampled.

The fish tissue samples were analyzed as directed by the approved sampling plan (see Section 1.3 below). Sample sites were reached by boating and fish were collected by electroshocking, hook and line, fish traps and by nets.

1.2 MPSL/CDFW Sampling personnel

Gary Ichikawa	Crew Lead
William Jakl	Crew Lead
Chris Beebe	Research Assistant
Jon Goetzl	Environmental Scientist
April Guimaraes	Research Tech
Stephen Martenuk	Research Assistant

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.

1.4 Station selection

Based upon the random selection of the BOG 2007-2008 Lakes and Reservoir Screening study and input from the regional boards, 38 lakes/reservoirs were selected to resample. Two additional lakes from 2015 sampling were also added to the list of lakes.

Up to eleven black bass per location within each lake were targeted. One to four prey species (10 fish/species) per water body were also targeted. Six lakes were designated for a bottom species collection for PCB and/or OC analyses.

1.5 Summary of types of samples authorized to be collected

Zero to thirty-three black bass, depending upon the size of the lake or fish being present, were collected to better determine mercury trends. For biomagnification estimates, 1-4 prey fish species were collected for mercury analysis. Additional sport fish species were collected as requested by OEHHA for certain water bodies.

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 or sport fish 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. The QAPP dictates tissue analysis (QA/QC requirements-preservatives, dissecting, etc.).

1.6 Discussion

A total of 37 of the 40 lakes were sampled. Three lakes were not sampled due to differing reasons. Elizabeth Lake (from 2015, Panel 1) was not sampled because it had been completely dry for the couple year and has not been restocked with fish. We did not get our boat into Crystal Lake which had little water. It was sampled by hook and line. Mountain Meadow Reservoir had inadvertently been drained of water the prior fall and has not re-established fish. These water bodies will be sampled in 2019 if adequate water and restocking.

1.7 Results

A summary of number of prey and black bass samples collected from the 37 lakes are in Table 1.

Multiple MPSL teams sampled the 37 lakes. A more detailed fish catch, fish total length and descriptions and maps of sample collection for all lakes and species sampled are linked to Table 1.7.1 below.

1.8 References Cited

BOG (Bioaccumulation Oversight Group). 2007. Sampling and Analysis Plan for a Screening Study of Bioaccumulation in California Lakes and Reservoirs. Surface Water Ambient Monitoring Program. California State Water Resources Control Board, Sacramento, CA.

Bonnema, A. 2015 in preparation. Quality Assurance Project Plan: Long-term Monitoring of Bass Lakes and Reservoirs in California. Moss Landing Marine Labs. Prepared for SWAMP BOG, 64 pages plus appendices and attachments

Table1. Panel 2, 2017 BOG Fish Collection Summary

Region	Waterbody	Sport fish									Prey spp					
		Black Bass Spp	Common Carp	Bluegill	Redear	Green Sunfish	Catfish Spp	Crappie	Brown Bullhead	Other	Bass Spp	Bluegill	Threadfin shad	Silverside	Green sunfish	other
1	Iron Gate Reservoir	11			10				10		10					30
1	Pillsbury, Lake	22									20	20				
2	Upper San Leandro Reservoir	11		10	10						10	10				10
2	San Pablo Reservoir	11									10	10		10		
2	Nicasio Reservoir	11							7		10	10				10
2	Coyote Lake	11		10					10		10	10				
3	Cachuma, Lake	22	10								20		20			
3	Pinto Lake	11						6	5		10	10				
3	N Reservoir	11									10	10				
3	Lopez Lake	11									10	10	10			
3	Santa Margarita Lake	11									10	10	10			10
4	Crystal Lake	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Wilderness Park Lake		4	9								10				10
4	Magic Johnson Lakes	11		10							10	10		10		
4	Alondra Park Lake	11		10							10	10		7		
4	Elizabeth Lake															
5	New Hogan Lake	33									30	30				
5	Whiskeytown Lake	33									30	30				
5	Natomas, Lake	11		10		10					10	10		10	10	
5	Isabella Lake	22							4		20	20	20			
5	Mile Long Pond (One Mile Lake)	11	10		10						10	10				10
5	Black Butte Lake	11			10						20	10	10			
5	Davis Creek Reservoir	11									10	10				
5	Los Banos Reservoir	11	10		10						10		10			
5	Pardee Reservoir	22										20				10

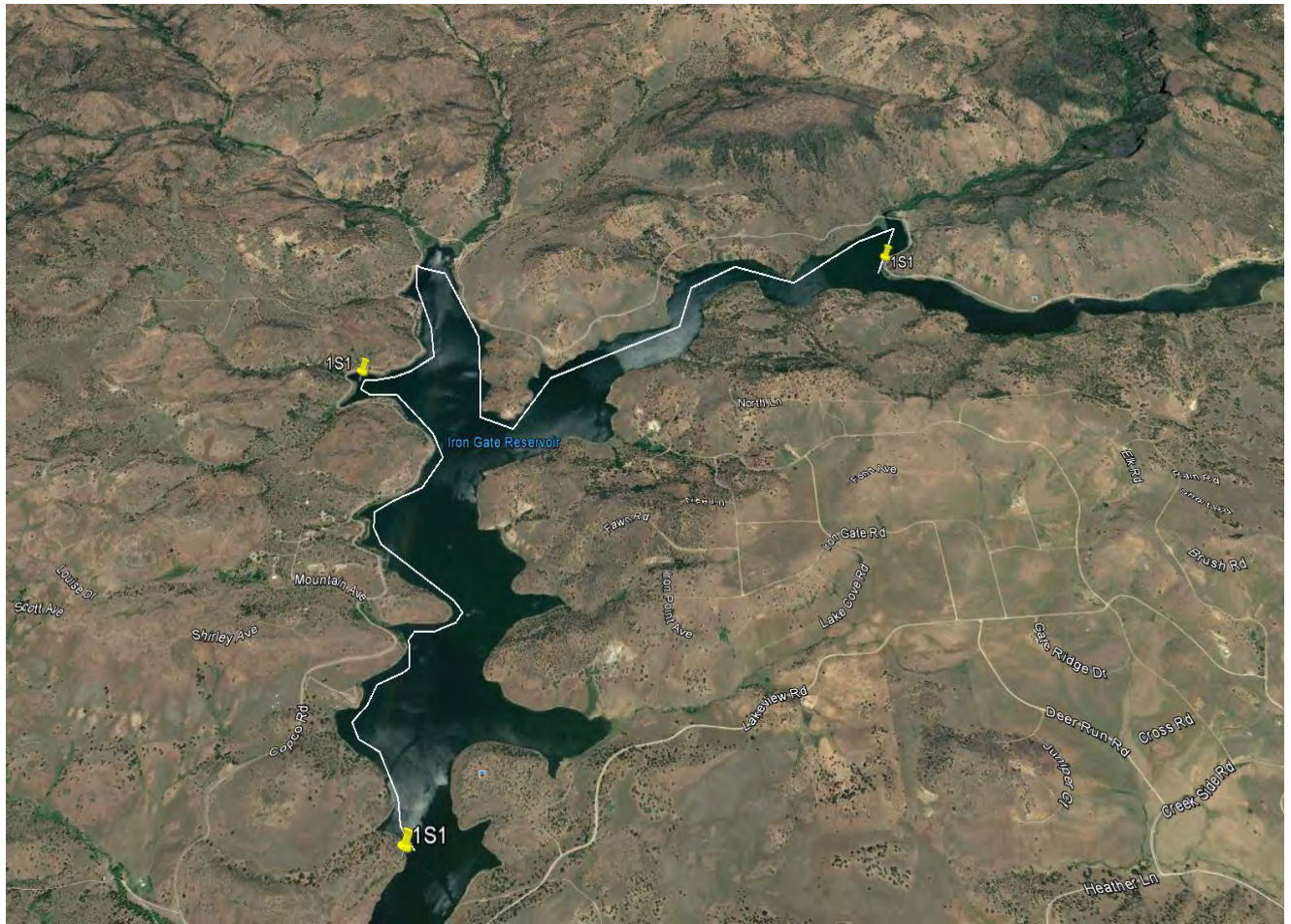
5	Webb, Lake	11					10				10	10		10	
5	Mountain Meadows Reservoir														
5	Collins Lake	11		10			3	10			10	10			10
5	Lake of the Pines	11		10							10	10			10
5	Hensley Lake	19		10			6	11	1	8	20	20			21
6	Palmdale Lake	11		16	8		12	11		10	10	10		10	10
6	Silverwood Lake	11	3	10			9		6	5		10		10	11
7	Ferguson Lake	11									10				
8	Elsinore, Lake	2													
8	Evans Lake						8								
9	Skinner Reservoir	11	10	7							10				1
9	Hodges, Lake	11					10					10	10		
9	Jennings, Lake	11						10			10	10			
9	Laguna Niguel Park Lake (Sulphur Ck Res)	11	10	10							10				
9	Sutherland, Lake	11	10	10							10		10		

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2017 BOG Lakes, Iron Gate Reservoir (105PIG154)



Latitude: 41.96266

Longitude: -122.44086

Collection Method: Electrofisher boat

Date (s) of Collection: August 14, 2017

Samplers: William Jakl and Chris Beebe

Sportfish Caught: Largemouth Bass, TL (mm)										
195	200	260	285	307	335	336	337	340	350	368

Sportfish Caught: Brown Bullhead, TL (mm)									
205	205	210	213	215	215	215	220	220	225

Sportfish Caught: Redear, TL (mm)									
40	42	43	44	45	45	45	46	48	48

Prey Fish Caught: Largemouth Bass, TL (mm)									
56	65	73	85	93	93	93	93	96	96

Prey Fish Caught: Black Crappie, TL (mm)									
40	46	48	50	52	53	55	57	59	60

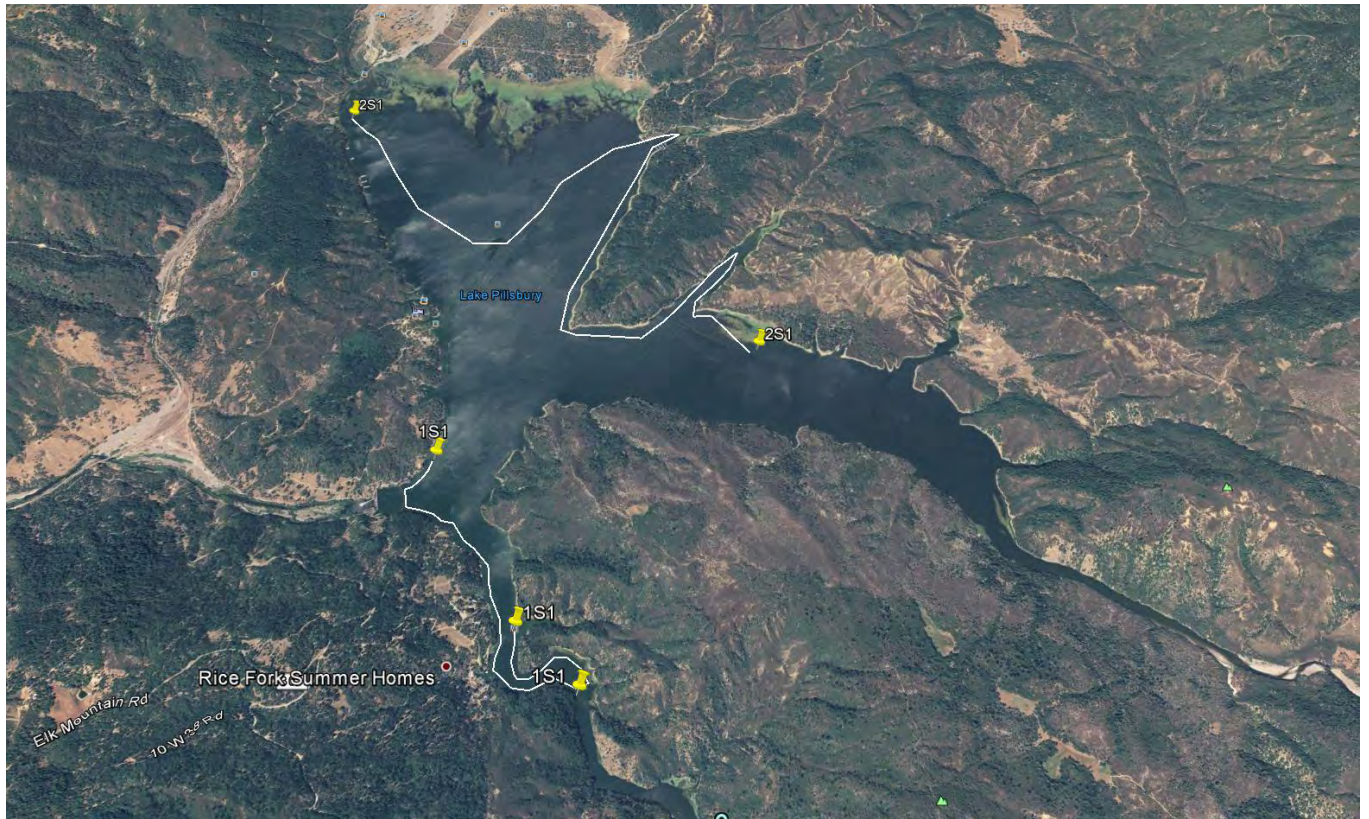
Prey Fish Caught: Hitch, TL (mm)									
65	65	66	66	67	68	68	70	72	77

Prey Fish Caught: Redear, TL (mm)									
105	112	112	116	120	122	137	140	143	145

Comments: The sampling vessel was launched from the dirt ramp at the north western portion of the lake. Largemouth bass, brown bullhead, redeer sunfish and four samples of prey fish were collected.

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2017 BOG Lakes, Lake Pillsbury (111PLP137)



Latitude: 39.40990

Longitude: -122.94452

Collection Method: Electrofisher boat

Date (s) of Collection: August 8, 2017

Samplers: Gary Ichikawa and Chris Beebe

Location 1: Sportfish Caught: Largemouth Bass, TL (mm)										
214	242	277	283	357	360	370	388	405	436	523

Location 1: Prey Fish Caught: Largemouth Bass, TL (mm)									
51	51	51	54	55	55	60	60	62	62

Location 1: Prey Fish Caught: Bluegill, TL (mm)									
41	44	47	50	51	60	70	74	75	75

Location 2: Sportfish Caught: Largemouth Bass, TL (mm)										
208	214	263	266	357	360	380	382	398	410	410

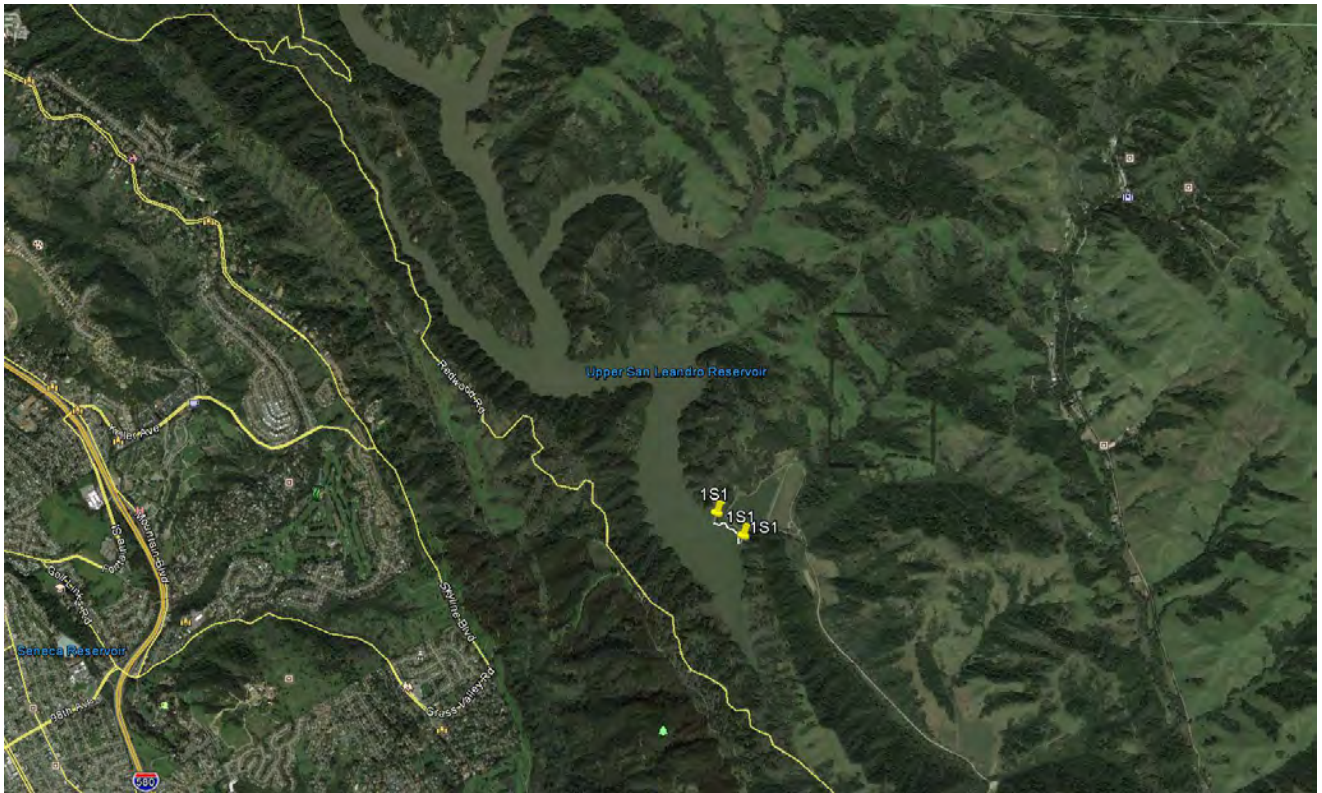
Location 2: Prey Fish Caught: Largemouth Bass, TL (mm)									
59	59	60	61	62	63	65	65	65	81

Location 2: Prey Fish Caught: Bluegill, TL (mm)									
59	59	60	62	63	65	65	67	72	83

Comments: The sampling vessel was launched from the main public boat ramp at the north western portion of the lake. Two locations were sampled. Largemouth bass and two samples of prey fish were collected at each location.

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2017 BOG Lakes, Upper San Leandro Reservoir (204TL0138)



Latitude: 37.76432

Longitude: -122.09892

Collection Method: Electrofisher boat

Date (s) of Collection: June 13, 2017

Samplers: Gary Ichikawa and Chris Beebe

Sportfish Caught: Largemouth Bass, TL (mm)										
236	242	258	275	308	316	348	398	404	411	422

Sportfish Caught: Bluegill, TL (mm)									
235	242	248	257	262	265	273	276	281	315

Sportfish Caught: Redear, TL (mm)									
124	153	160	177	212	223	226	230	230	244

Prey Fish Caught: Largemouth Bass, TL (mm)									
30	32	33	35	37	38	40	40	41	42

Prey Fish Caught: Bluegill, TL (mm)									
39	41	42	42	45	46	48	48	50	53

Prey Fish Caught: Goby, TL (mm)									
44	44	48	49	52	58	66	67	75	75

Comments: The sampling vessel was launched from the dirt boat ramp off Peninsula Road. Access through the locked gate was given to us by the East Bay Municipal Utility District. Largemouth bass, bluegill, redear and three samples of prey fish were collected at each location.

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2017 BOG Lakes, San Pablo Reservoir (206PSP205)



Latitude: 37.91705

Longitude: -122.2333

Collection Method: Electrofisher boat

Date (s) of Collection: July 5, 2017

Samplers: April Guimaraes and Autumn Bonnema

Sportfish Caught: Largemouth Bass, TL (mm)										
215	243	253	264	310	324	335	342	358	408	453

Prey Fish Caught: Largemouth Bass, TL (mm)									
43	46	46	47	49	49	49	50	51	54

Prey Fish Caught: Bluegill, TL (mm)									
57	59	60	63	63	64	65	72	76	82

Prey Fish Caught: Silverside, TL (mm)									
75	76	79	81	83	86	86	91	96	98

Comments: The sampling vessel was launched from the main public ramp. Access was granted to us by the East Bay Municipal Utility District. Largemouth bass and three samples of prey fish were collected.

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2017 BOG Lakes, Nicasio Reservoir (201PNL105)



Latitude: 38.07708

Longitude: -122.7547

Collection Method: Electrofisher boat

Date (s) of Collection: June 6, 2017

Samplers: Gary Ichikawa and Chris Beebe

Sportfish Caught: Largemouth Bass, TL (mm)										
231	237	269	280	291	325	360	380	382	435	470

Sportfish Caught: Black Crappie, TL (mm)						
132	137	138	166	166	171	177

Prey Fish Caught: Largemouth Bass, TL (mm)									
87	89	91	93	95	97	99	99	100	105

Prey Fish Caught: Bluegill, TL (mm)									
57	60	61	62	66	69	87	90	97	99

Prey Fish Caught: Goby, TL (mm)									
65	67	70	73	74	74	79	80	81	86

Comments: The sampling vessel was launched from the dirt ramp near the dam. Access was granted to us by the Marin Water District. Largemouth bass, black crappie and three samples of prey fish were collected.

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2017 BOG Lakes, Coyote Lake (205PCL212)



Latitude: 37.11847

Longitude: -121.54790

Collection Method: Electrofisher boat

Date (s) of Collection: May 15, 2017

Samplers: Gary Ichikawa and April Guimaraes

Sportfish Caught: Largemouth Bass, TL (mm)										
219	232	251	300	315	322	325	335	382	450	493

Sportfish Caught: Bluegill, TL (mm)									
121	126	130	136	152	152	154	161	179	200

Sportfish Caught: Black Crappie, TL (mm)									
115	127	153	158	167	186	192	193	204	290

Prey Fish Caught: Largemouth Bass, TL (mm)									
70	70	72	77	77	86	90	93	93	99

Prey Fish Caught: Bluegill, TL (mm)									
56	62	69	72	72	72	74	77	79	80

Comments: The sampling vessel was launched from the public ramp. Access was granted to us by the Santa Clara County Parks. Largemouth bass, bluegill, black crappie and two samples of prey fish were collected.

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2017 BOG Lakes, Lake Cachuma (314PLC191)



Latitude: 34.58987

Longitude: -119.95135

Collection Method: Electrofisher boat

Date (s) of Collection: May 17, 2017

Samplers: William Jakl and Chris Beebe

Location 1: Sportfish Caught: Largemouth Bass, TL (mm)										
160	201	300	301	315	325	353	355	364	409	449

Location 1: Sportfish Caught: Carp, TL (mm)				
480	500	515	521	650

Location 1: Prey Fish Caught: Largemouth Bass, TL (mm)									
39	40	44	45	46	46	46	47	50	51

Location 1: Prey Fish Caught: Threadfin Shad, TL (mm)								
59	60	61	62	66	67	68	69	70

Location 2: Sportfish Caught: Largemouth Bass, TL (mm)										
202	217	252	303	316	320	333	357	364	407	414

Location 2: Sportfish Caught: Carp, TL (mm)				
475	503	515	540	605

Location 2: Prey Fish Caught: Largemouth Bass, TL (mm)									
35	36	38	40	43	44	45	46	47	47

Location 2: Prey Fish Caught: Threadfin Shad, TL (mm)										
48	54	55	56	59	62	65	65	67	72	74

Comments: The sampling vessel was launched from the public boat ramp at the Cachuma Lake Recreation Area. Largemouth bass, carp and two samples of prey fish were collected at two locations.

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2017 BOG Lakes, Pinto Lake (305PPL088)



Latitude: 36.95093

Longitude: -121.76911

Collection Method: Electrofisher boat

Date (s) of Collection: May 17, 2017

Samplers: April Guimaraes and Autumn Bonnema

Sportfish Caught: Largemouth Bass, TL (mm)										
235	245	255	277	315	325	373	375	397	420	440

Sportfish Caught: Brown Bullhead, TL (mm)					
374	385	386	386	390	408

Sportfish Caught: Black Crappie, TL (mm)				
365	370	382	384	386

Prey Fish Caught: Largemouth Bass, TL (mm)									
34	35	36	36	37	38	40	40	42	44

Prey Fish Caught: Bluegill, TL (mm)									
32	32	33	34	34	35	35	35	36	39

Comments: The sampling vessel was launched from the public boat ramp. Access was granted by the City of Watsonville. The entire lake was shocked. Largemouth bass, brown bullhead, black crappie and two samples of prey fish were collected.

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2017 BOG Lakes, Chesbro Reservoir (305PCB032)



Latitude: 37.1165178

Longitude: -121.694164

Collection Method: Electrofisher boat

Date (s) of Collection: September 13, 2017

Samplers: Chris Beebe and Melissa Nehmens

Sportfish Fish Caught: Largemouth Bass, TL (mm)										
208	220	280	295	315	346	365	380	380	409	552

Prey Fish Caught: Largemouth Bass, TL (mm)									
47	47	53	57	58	67	67	69	70	74

Prey Fish Caught: Bluegill, TL (mm)									
34	35	37	37	40	41	43	52	54	55

Comments: The sampling vessel was launched from the locked boat ramp near the dam. Access was granted by the Santa Clara County Parks and Recreation. The entire lake was shocked. Largemouth bass and two samples of prey fish were collected.

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2017 BOG Lakes, Lopez Lake (310PLL106)



Latitude: 35.18905

Longitude: -120.46304

Collection Method: Electrofisher boat

Date (s) of Collection: May 31, 2017

Samplers: Gary Ichikawa and Jon Goetzl

Sportfish Caught: Largemouth Bass, TL (mm)										
236	243	293	293	315	352	364	400	400	430	448

Prey Fish Caught: Largemouth Bass, TL (mm)									
39	40	41	43	48	48	49	50	51	55

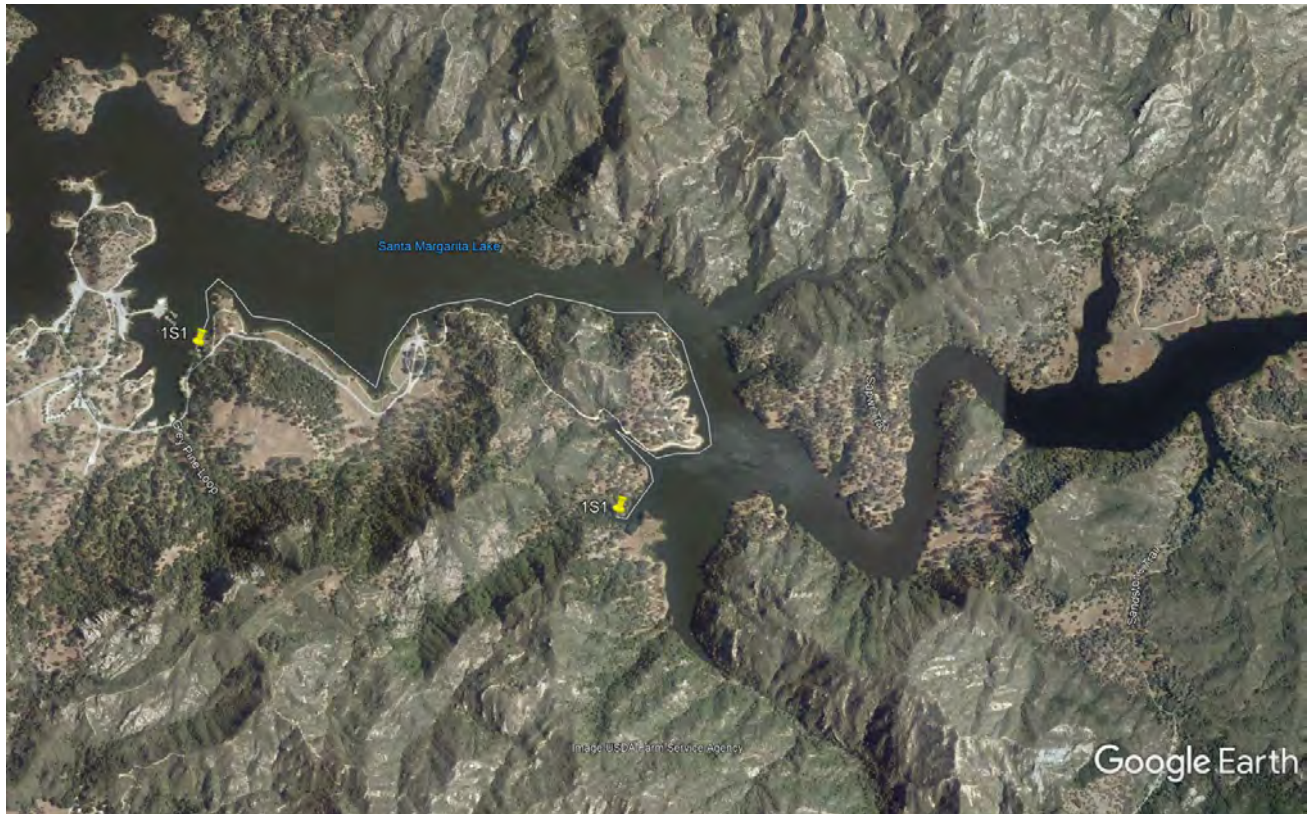
Prey Fish Caught: Bluegill, TL (mm)									
35	40	40	42	42	43	44	44	99	100

Prey Fish Caught: American Shad, TL (mm)									
54	57	58	59	59	60	66	67	68	68

Comments: The sampling vessel was launched from the main public boat ramp. Largemouth bass and three samples of prey fish were collected.

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2017 BOG Lakes, Santa Margarita Lake (309PSM206)



Latitude: 35.32557

Longitude: -120.48792

Collection Method: Electrofisher boat

Date (s) of Collection: June 1, 2017

Samplers: Gary Ichikawa and Jon Goetzl

Sportfish Fish Caught: Largemouth Bass, TL (mm)										
205	229	225	268	310	391	397	404	404	431	456

Prey Fish Caught: Largemouth Bass, TL (mm)									
38	38	39	41	42	43	44	50	51	79

Prey Fish Caught: Bluegill, TL (mm)									
33	35	36	36	39	47	49	78	87	98

Prey Fish Caught: Threadfin Shad, TL (mm)									
60	65	68	70	71	72	74	75	77	78

Prey Fish Caught: Sucker, TL (mm)									
55	59	59	60	67	69	70	75	75	78

Comments: Santa Margarta Lake was from the 2015, Panel 1 list of lakes. The sampling vessel was launched from the main public boat ramp. Largemouth bass and four samples of prey fish were collected.

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2017 BOG Lakes, Crystal Lake (405CRYTLK)



Latitude: 34.31818

Longitude: -117.847541

Collection Method: Hook and line

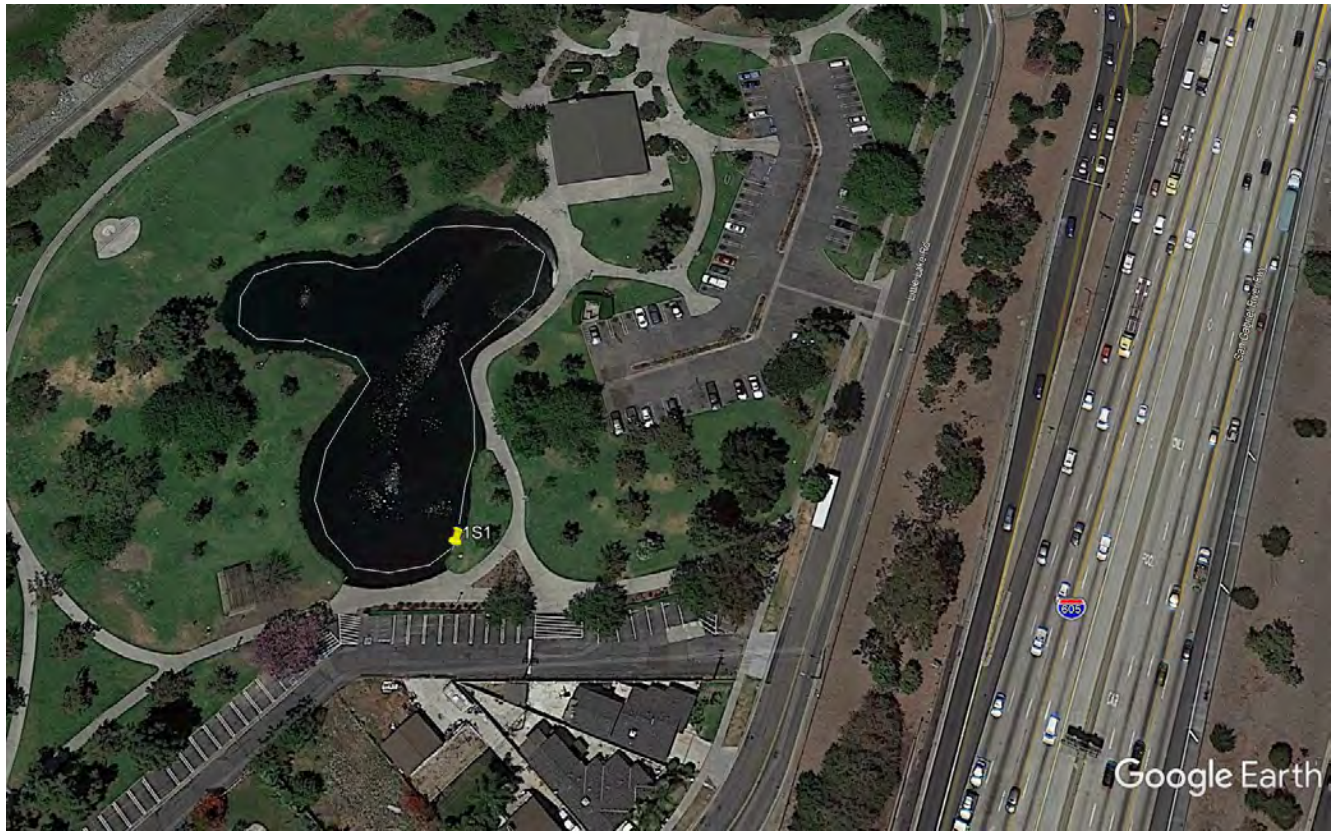
Date (s) of Collection: May 5, 2017

Samplers: William Jakl and Chris Beebe

Comments: Unable to launch boat. Very low water. Samplers fished with hook and line, but did not catch any fish. Samplers had to leave to prevent getting snowed in.

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2017 BOG Lakes, Wilderness Park Lake (405WOWILD)



Latitude: 33.93583

Longitude: -118.10111

Collection Method: Electrofisher boat

Date (s) of Collection: June 26, 2017

Samplers: Gary Ichikawa and Adam Newman

Sportfish Caught: Carp, TL (mm)			
360	384	425	450

Sportfish Caught: Bluegill, TL (mm)								
92	95	101	101	110	122	128	140	160

Prey Fish Caught: Carp, TL (mm)									
32	34	34	37	40	42	42	44	44	47

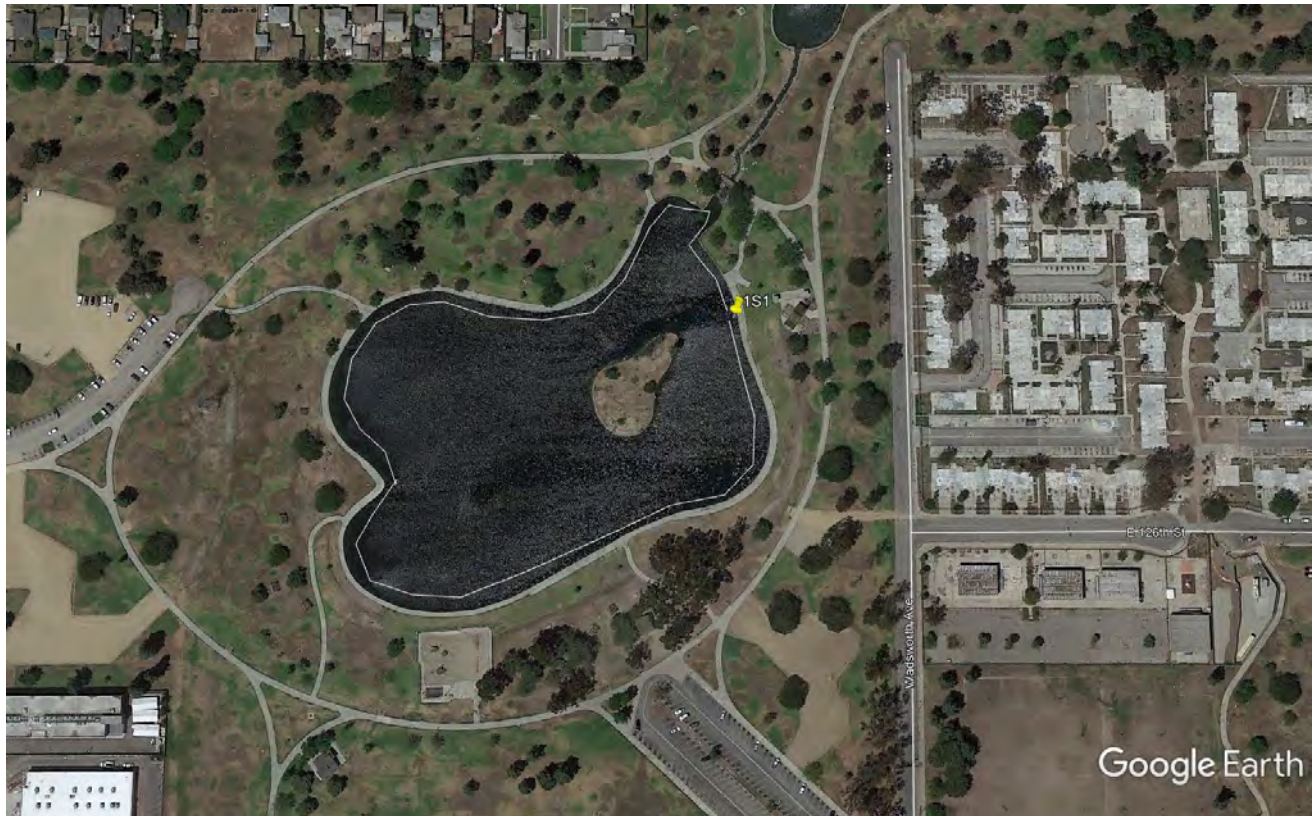
Prey Fish Caught: Bluegill, TL (mm)									
59	69	75	76	77	78	78	85	87	95

Comments: The boat was launched from the bank of the lake using ramps and 4 X 4. Access was granted by the City of Downey Parks and Recreation. The southwestern lake was sampled.

The entire lake was shocked. No largemouth bass were seen. Carp, bluegill and two samples of prey fish were collected.

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2017 BOG Lakes, Magic Johnson Lakes (412MGJSLK)



Latitude: 33.92004

Longitude: -118.26054

Collection Method: Electrofisher boat

Date (s) of Collection: May 8, 2017

Samplers: Gary Ichikawa and Jon Goetzl

Sportfish Caught: Largemouth Bass, TL (mm)										
230	248	270	274	312	315	322	328	384	409	460

Sportfish Caught: Bluegill, TL (mm)									
101	106	111	115	115	125	128	140	150	215

Prey Fish Caught: Largemouth Bass, TL (mm)									
39	42	42	44	50	52	53	53	56	60

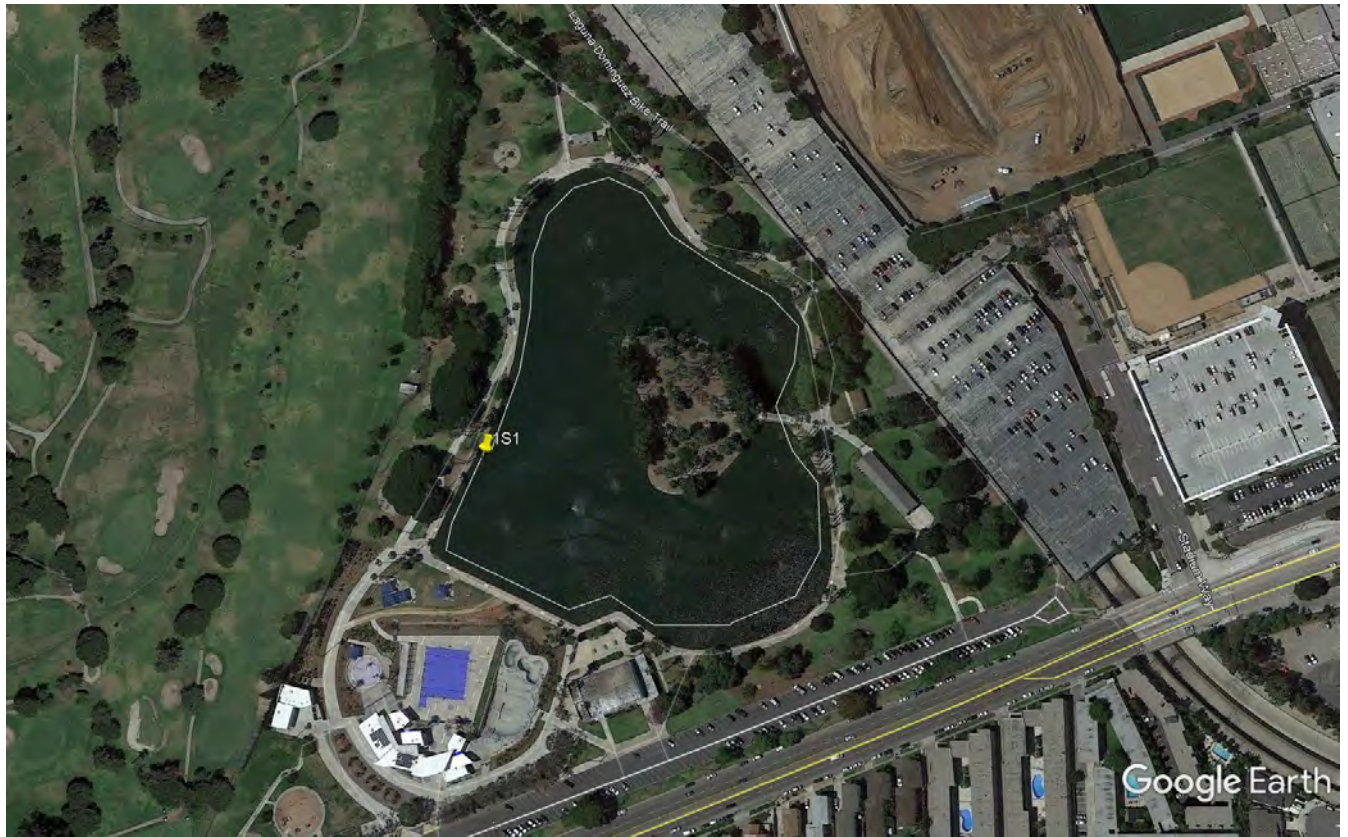
Prey Fish Caught: Bluegill, TL (mm)									
70	70	71	75	82	83	85	85	91	95

Prey Fish Caught: Silverside, TL (mm)									
75	78	78	78	79	79	80	82	82	86

Comments: The boat was launched from the bank of the lake using ramps and 4 X 4. Access was granted by the Los Angeles County Parks. The southwestern lake was sampled. The entire lake was shocked. No adult largemouth bass were seen. Largemouth bass, bluegill and three samples of prey fish were collected.

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2017 BOG Lakes, Alondra Park Lake (411PAP023)



Latitude: 33.88214

Longitude: -118.33456

Collection Method: Electrofisher boat

Date (s) of Collection: May 8, 2017

Samplers: Gary Ichikawa and Jon Goetzl

Sportfish Caught: Largemouth Bass, TL (mm)										
252	260	275	289	320	335	350	361	368	408	480

Sportfish Caught: Bluegill, TL (mm)									
107	115	120	120	120	120	123	123	132	147

Prey Fish Caught: Largemouth Bass, TL (mm)									
90	95	95	97	99	99	105	105	105	110

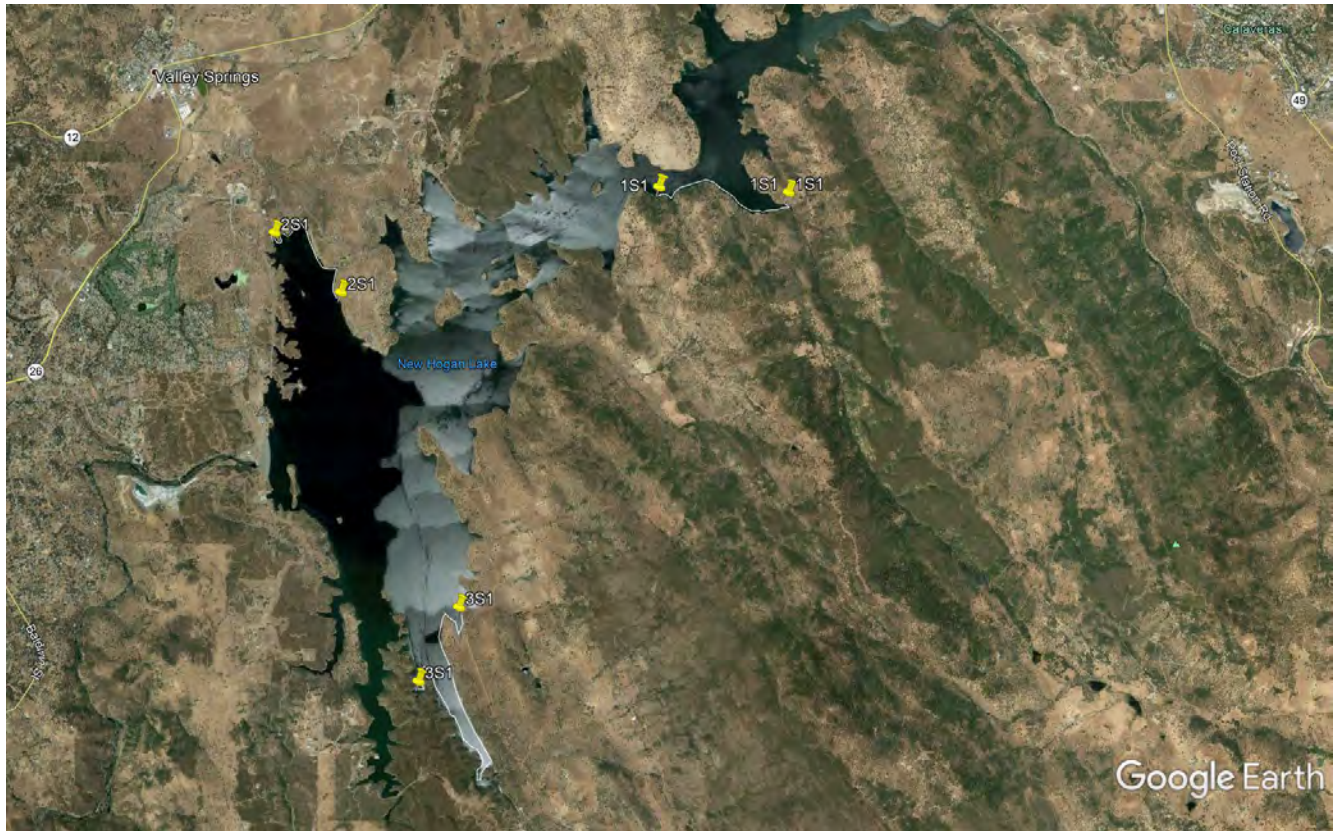
Prey Fish Caught: Bluegill, TL (mm)									
79	79	88	95	95	97	100	104	105	106

Prey Fish Caught: Silverside, TL (mm)						
85	87	95	98	100	100	102

Comments: The boat was launched from the bank of the lake using ramps and 4 X 4. Access was granted by the Los Angeles County Parks. The entire lake was shocked. Largemouth bass, bluegill and three samples of prey fish were collected.

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2017 BOG Lakes, New Hogan Lake (533PNH089)



Latitude: 38.17832

Longitude: -120.76138

Collection Method: Electrofisher boat

Date (s) of Collection: June 27-28, 2017

Samplers: Chris Beebe and Autumn Bonnema

Location 1: Sportfish Caught: Largemouth Bass, TL (mm)										
208	227	253	262	345	365	369	392	397	407	475

Location 1: Prey Fish Caught: Largemouth Bass, TL (mm)									
31	42	43	43	43	45	51	56	59	62

Location 1: Prey Fish Caught: Bluegill, TL (mm)									
52	61	63	71	75	79	79	80	80	84

Location 2: Sportfish Caught: Largemouth Bass, TL (mm)										
208	235	260	289	308	310	318	328	349	407	415

Location 2: Prey Fish Caught: Largemouth Bass, TL (mm)									
35	36	39	40	41	43	43	51	52	64

Location 2: Prey Fish Caught: Bluegill, TL (mm)									
63	67	68	68	71	72	73	75	89	96

Location 3: Sportfish Caught: Largemouth Bass, TL (mm)										
219	225	255	262	311	341	359	362	377	381	440

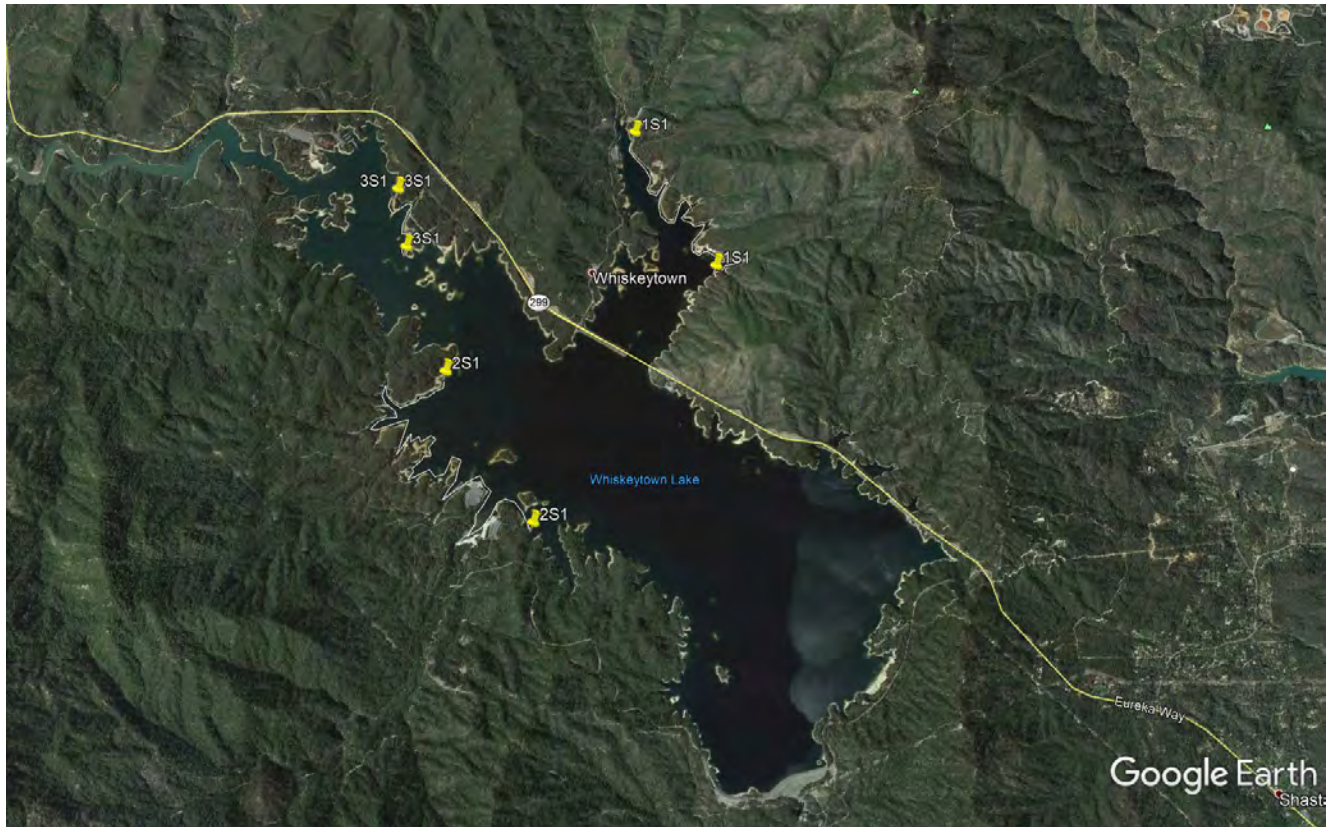
Location 3: Prey Fish Caught: Largemouth Bass, TL (mm)									
36	42	45	47	48	49	57	70	76	85

Location 3: Prey Fish Caught: Bluegill, TL (mm)									
51	52	54	54	56	60	77	86	87	99

Comments: The sampling vessel was launched from the main public boat ramp. Access was granted by the US Army Corps. Largemouth bass and two samples of prey fish were collected at each of the three locations.

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2017 BOG Lakes, Whiskeytown Lake (524PWT057)



Latitude: 40.63844

Longitude: -122.54666

Collection Method: Electrofisher boat

Date (s) of Collection: September 5-6, 2017

Samplers: Gary Ichikawa and Chris Beebe

Location 1: Sportfish Caught: Smallmouth Bass, TL (mm)										
210	218	279	280	281	308	311	324	369	420	470

Location 1: Prey Fish Caught: Smallmouth Bass, TL (mm)									
42	55	56	62	66	66	67	74	76	85

Location 1: Prey Fish Caught: Bluegill, TL (mm)									
54	57	58	59	59	62	65	69	69	72

Location 2: Sportfish Caught: Smallmouth Bass, TL (mm)										
222	244	287	288	308	318	334	336	337	390	557

Location 2: Prey Fish Caught: Smallmouth Bass, TL (mm)									
54	60	63	65	66	71	75	79	84	85

Location 2: Prey Fish Caught: Bluegill, TL (mm)									
64	64	66	68	71	73	74	74	75	84

Location 3: Sportfish Caught: Smallmouth Bass, TL (mm)										
216	217	232	241	269	270	277	278	287	305	352

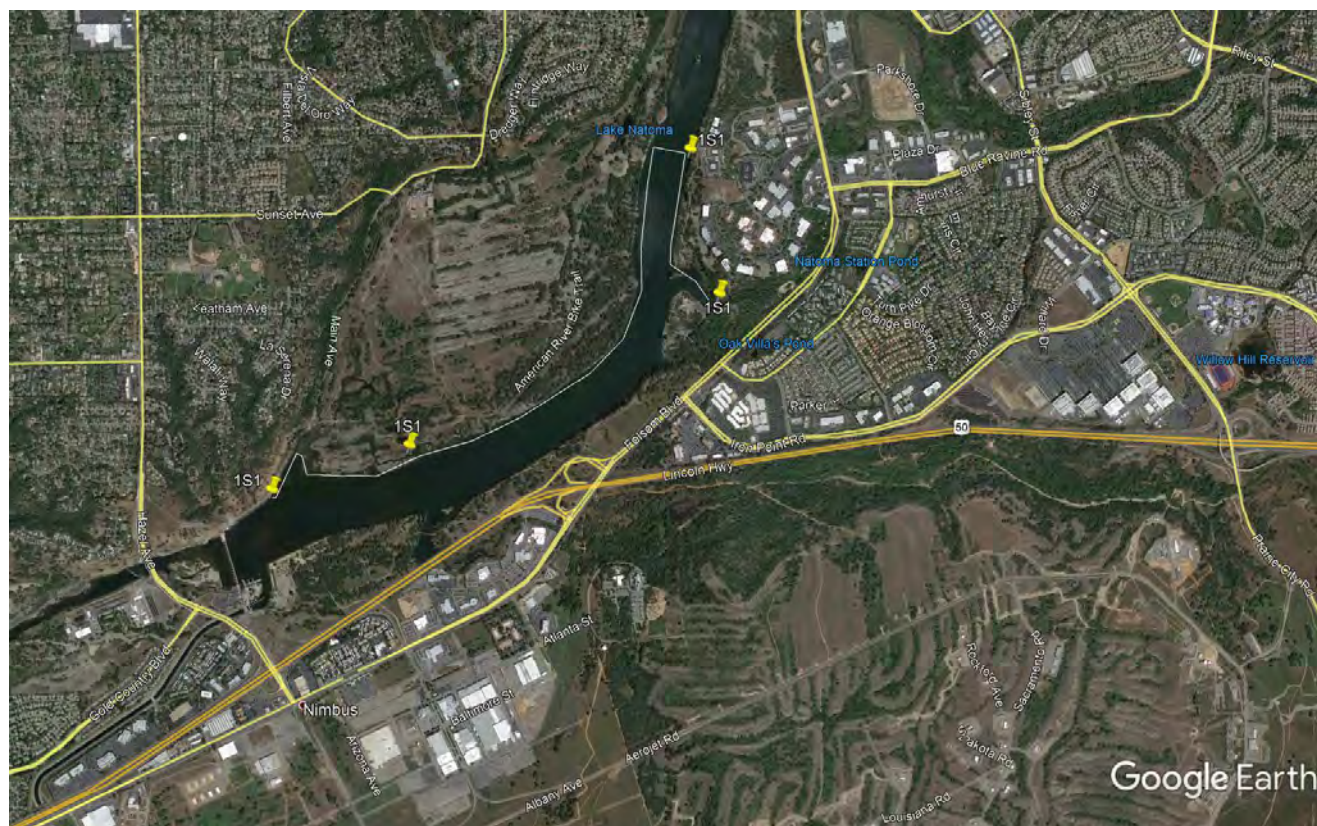
Location 3: Prey Fish Caught: Smallmouth Bass, TL (mm)									
43	49	50	59	70	72	77	77	79	81

Location 3: Prey Fish Caught: Bluegill, TL (mm)									
55	56	57	59	60	65	70	70	73	76

Comments: On September 5th the sampling vessel was launched from the public boat ramp off Whiskey Creek Road. On September 6th the sampling vessel was launched from the public boat ramp at Whiskeytown Shasta Trinity NRA. Access was granted by the National Recreation Area. Smallmouth bass and two samples of prey fish were collected at each of the three locations.

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2017 BOG Lakes, Lake Natoma (519PLN133)



Latitude: 38.63927

Longitude: -121.21736

Collection Method: Electrofisher boat

Date (s) of Collection: June 20, 2017

Samplers: April Guimaraes and Jessica Heath

Sportfish Caught: Largemouth Bass, TL (mm)										
223	230	261	292	296	355	380	385	394	415	415

Sportfish Caught: Bluegill, TL (mm)									
102	104	108	108	110	110	111	116	128	128

Sportfish Caught: Green Sunfish, TL (mm)									
105	115	115	134	138	140	143	143	150	176

Sportfish Caught: Sucker, TL (mm)									
419	465	479	480	490	500	500	505	542	551

Prey Fish Caught: Largemouth Bass, TL (mm)									
57	63	64	67	80	80	85	86	88	98

Prey Fish Caught: Bluegill, TL (mm)									
56	58	60	60	60	62	65	67	69	69

Prey Fish Caught: Green Sunfish, TL (mm)									
65	68	76	79	80	85	85	86	89	96

Prey Fish Caught: Silverside, TL (mm)									
75	78	78	80	81	82	83	84	88	90

Comments: The boat was launched from the ramp near the Nimbus dam. Access was granted by the Folsom Lake State Parks. Largemouth bass, bluegill, green sunfish, sucker and three samples of prey fish were collected.

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2017 BOG Lakes, Lake Isabella (554PLB026)



Latitude: 35.64380

Longitude: -118.48017

Collection Method: Gill nets and Electrofisher boat

Date (s) of Collection: May 8-9, 2017

Samplers: William Jakl and Stephen Martenuk

Location 1: Sportfish Caught: Largemouth Bass, TL (mm)										
210	211	250	281	330	335	358	372	406	429	439

Location 1: Sportfish Caught: Channel Catfish, TL (mm)			
442	475	514	

Location 1: Prey Fish Caught: Largemouth Bass, TL (mm)									
65	67	79	84	85	87	88	90	90	93

Location 1: Prey Fish Caught: Bluegill, TL (mm)									
52	56	57	64	65	68	69	70	75	87

Location 1: Prey Fish Caught: Threadfin Shad, TL (mm)									
90	90	90	90	90	90	92	95	96	98

Location 2: Sportfish Caught: Largemouth Bass, TL (mm)										
200	200	251	289	305	306	315	370	378	428	452

Location 2: Sportfish Caught: Channel Catfish, TL (mm)	
440	

Location 2: Prey Fish Caught: Largemouth Bass, TL (mm)									
77	87	88	90	94	95	96	98	100	100

Location 2: Prey Fish Caught: Bluegill, TL (mm)									
43	45	49	52	54	57	58	58	60	69

Location 2: Prey Fish Caught: Threadfin Shad, TL (mm)									
89	89	91	94	95	95	97	99	100	100

Comments: The boat was launched from the banks of the lake. Access was granted by the Isabella Lake Patrol Office. Largemouth bass, channel catfish and three samples of prey fish were collected at two locations.

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2017 BOG Lakes, Mile Long Pond (One Mile Lake) (515MILGPD)



Latitude: 39.43345

Longitude: -121.63878

Collection Method: Electrofisher boat

Date (s) of Collection: August 22, 2017

Samplers: Stephen Martenuk and April Guimaraes

Sportfish Caught: Largemouth Bass, TL (mm)										
205	206	290	295	306	310	311	342	380	440	442

Sportfish Caught: Redear, TL (mm)									
110	115	120	120	120	125	125	127	129	141

Sportfish Caught: Carp, TL (mm)									
330	345	349	430	480	548	578	585	637	775

Prey Fish Caught: Largemouth Bass, TL (mm)									
49	50	50	54	54	64	65	76	77	92

Prey Fish Caught: Bluegill, TL (mm)									
45	46	57	58	60	66	67	68	71	84

Prey Fish Caught: Redear, TL (mm)									
74	78	78	85	90	90	91	91	94	99

Comments: The boat was launched from the banks of the lake. Access was granted by the Oroville Wildlife Area. Largemouth bass, redear, carp and two samples of prey fish were collected.

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2017 BOG Lakes, Black Butte Lake (625PBL114)



Latitude: 39.80869

Longitude: -122.36662

Collection Method: Electrofisher boat

Date (s) of Collection: August 9, 2017

Samplers: Gary Ichikawa and Chris Beebe

Sportfish Caught: Largemouth Bass, TL (mm)										
206	235	262	305	334	337	358	363	373	382	433

Prey Fish Caught: Largemouth Bass, TL (mm)									
50	55	55	56	62	64	88	90	93	93

Prey Fish Caught: Bluegill, TL (mm)									
43	57	59	59	64	67	67	70	75	89

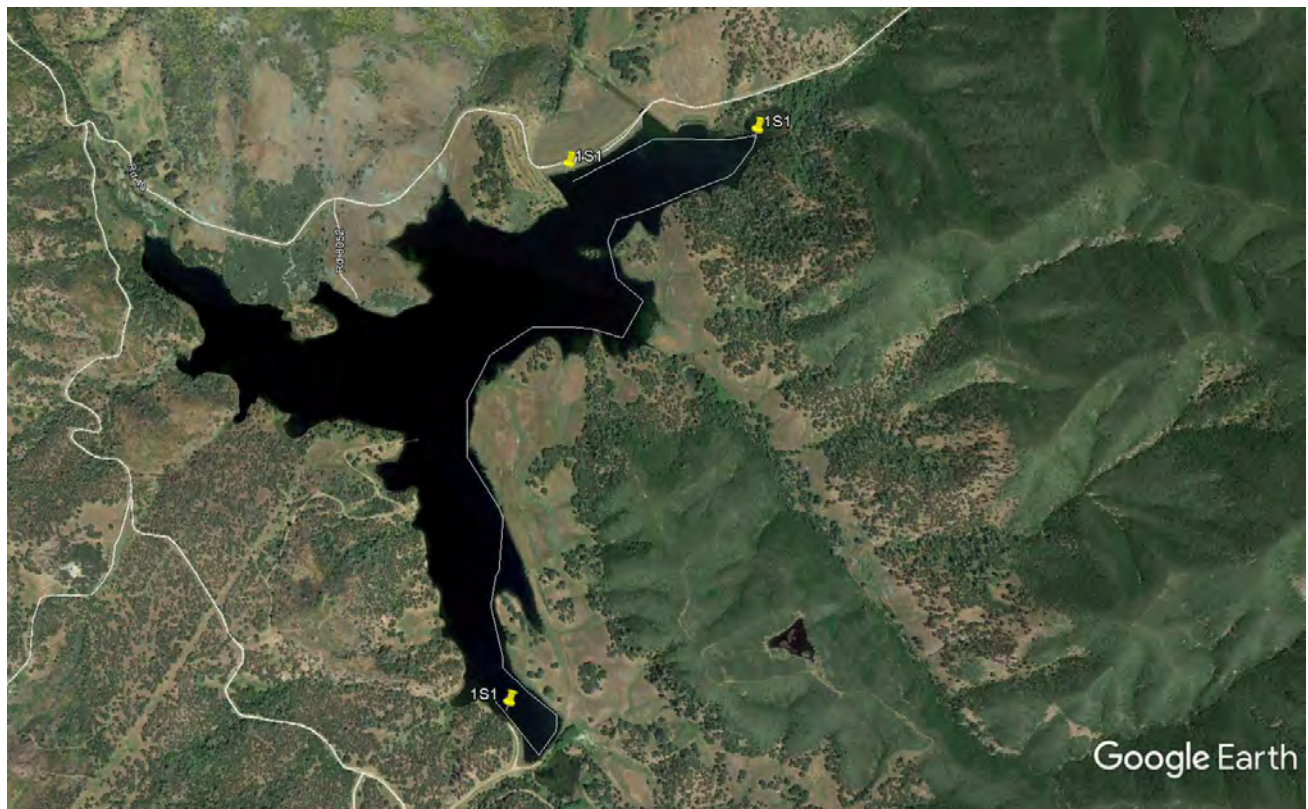
Prey Fish Caught: Threadfin Shad, TL (mm)									
61	62	62	66	67	67	70	75	77	77

Prey Fish Caught: Smallmouth Bass, TL (mm)									
50	52	53	53	53	53	54	60	62	62

Comments: The boat was launched from the main boat ramp off Buckhorn Road. Access was granted by the US Army Corps. Largemouth and four samples of prey fish were collected.

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2017 BOG Lakes, Davis Creek Reservoir (513DAVSCR)



Latitude: 38.84963

Longitude: -122.35782

Collection Method: Electrofisher boat

Date (s) of Collection: August 21, 2017

Samplers: Stephen Martenuk and April Guimaraes

Sportfish Caught: Largemouth Bass, TL (mm)										
219	224	257	279	325	335	364	366	383	464	465

Sportfish Caught: Bluegill, TL (mm)									
144	150	151	160	165	170	189	228	231	236

Prey Fish Caught: Largemouth Bass, TL (mm)									
44	47	57	58	62	66	68	74	76	78

Prey Fish Caught: Bluegill, TL (mm)									
62	70	80	88	93	94	98	99	100	100

Comments: The boat was launched from the banks of the lake. Davis Creek Reservoir is a private lake. Access was granted by the Homestake Mining Company. Largemouth bass, bluegill and two samples of prey fish were collected.

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2017 BOG Lakes, Los Banos Reservoir (524PLB064)



Latitude: 36.99085

Longitude: -120.93674

Collection Method: Electrofisher boat

Date (s) of Collection: June 21, 2017

Samplers: April Guimaraes and Jessica Heath

Sportfish Caught: Largemouth Bass, TL (mm)										
240	241	271	278	327	348	349	379	381	407	452

Sportfish Caught: Carp, TL (mm)									
430	487	511	525	540	554	580	650	655	725

Sportfish Caught: Redear, TL (mm)									
144	153	156	162	175	186	192	197	216	256

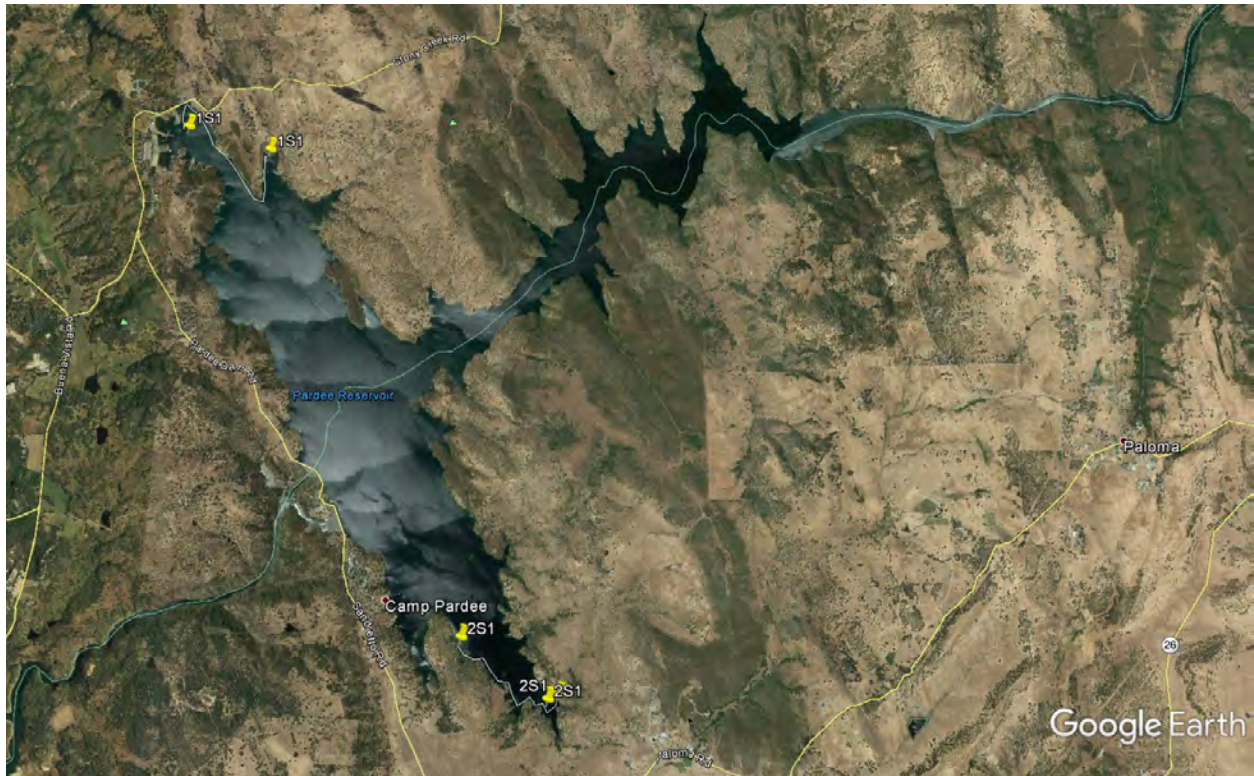
Prey Fish Caught: Largemouth Bass, TL (mm)									
45	50	50	51	55	55	55	57	67	70

Prey Fish Caught: Threadfin Shad, TL (mm)									
65	69	71	72	75	75	75	75	77	80

Comments: The boat was launched from the main boat ramp. Access was granted by the Los Banos State Recreation Area. Largemouth, carp, redear and two samples of prey fish were collected.

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2017 BOG Lakes, Pardee Reservoir (532PPD073)



Latitude: 38.28698

Longitude: -120.86574

Collection Method: Electrofisher boat

Date (s) of Collection: June 28-29, 2017

Samplers: Chris Beebe and Autumn Bonnema

Location 1: Sportfish Caught: Largemouth Bass, TL (mm)					
259	262	279	301	316	321
328	340	345	362	365	469

Location 1: Prey Fish Caught: Bluegill, TL (mm)									
39	42	45	49	50	51	51	61	92	95

Location 2: Sportfish Caught: Largemouth Bass, TL (mm)										
180	184	292	304	310	323	345	350	370	408	435

Location 2: Prey Fish Caught: Green Sunfish, TL (mm)									
37	39	39	43	45	52	55	56	57	63

Location 2: Prey Fish Caught: Bluegill, TL (mm)								
35	35	40	42	42	42	47	48	48

Comments: The boat was launched from the main boat ramp on the northern end of the reservoir. Access was granted by the East Bay Municipal Utility District. Largemouth and one sample of prey fish were collected at location 1. Largemouth and two samples of prey fish were collected at location 2.

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2017 BOG Lakes, Lake Webb (557PWB010)



Latitude: 35.64380

Longitude: -118.48017

Collection Method: Gill net and Electrofisher boat

Date (s) of Collection: May 10, 2017

Samplers: William Jakl and Stephen Martenuk

Sportfish Caught: Largemouth Bass, TL (mm)										
225	226	258	277	310	328	329	371	389	408	440

Sportfish Caught: Channel Catfish, TL (mm)									
245	249	262	264	267	329	333	377	395	400

Prey Fish Caught: Largemouth Bass, TL (mm)									
31	31	32	34	34	35	36	36	38	49

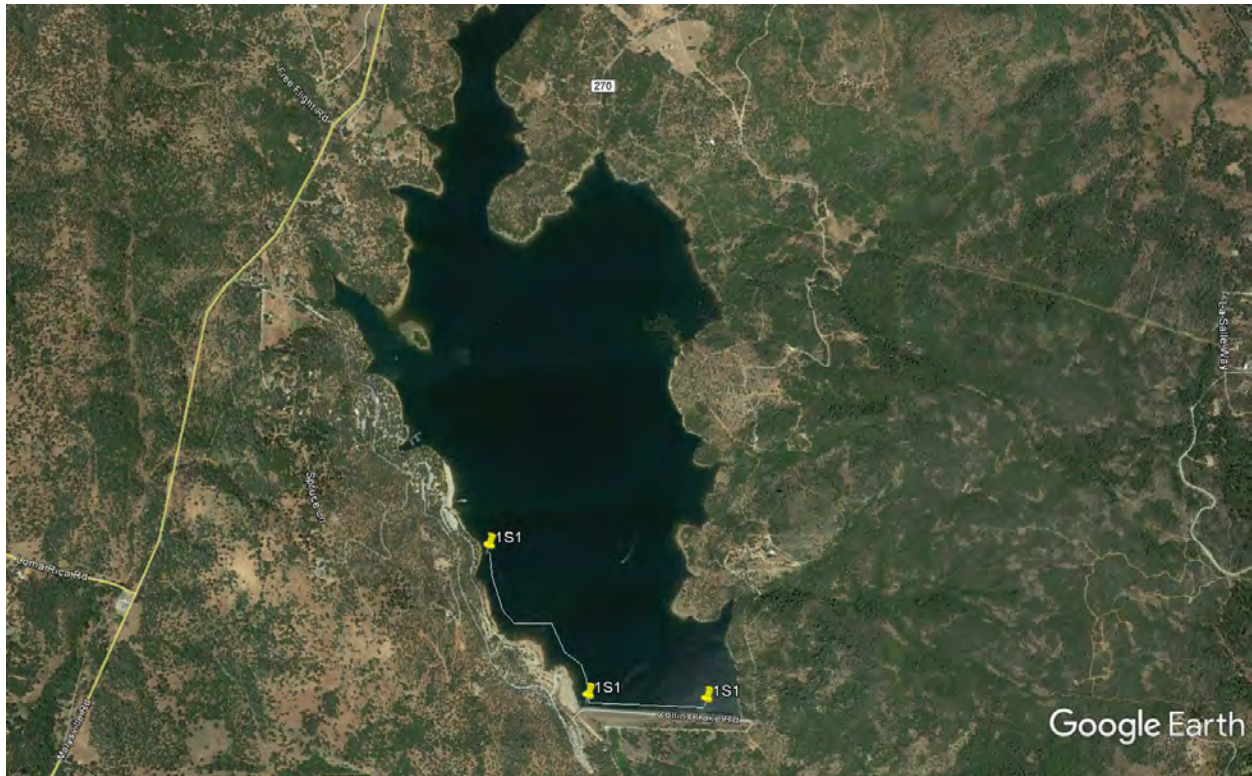
Prey Fish Caught: Bluegill, TL (mm)									
70	73	80	80	83	85	88	88	90	97

Prey Fish Caught: Silverside, TL (mm)									
61	62	63	65	67	68	68	78	78	88

Comments: The boat was launched from the main boat ramp. Access was granted by the Buena Vista Aquatic Recreational Area. Largemouth, catfish and three samples of prey fish were collected.

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2017 BOG Lakes, Collins Lake (517PCL005)



Latitude: 39.33057

Longitude: -121.32072

Collection Method: Electrofisher boat

Date (s) of Collection: August 22-23, 2017

Samplers: Stephen Martenuk and April Guimaraes

Sportfish Caught: Largemouth Bass, TL (mm)										
215	225	289	300	310	315	322	365	375	428	444

Sportfish Caught: Redear, TL (mm)									
132	139	140	140	143	144	145	147	149	169

Sportfish Caught: Black Crappie, TL (mm)									
162	178	190	204	205	225	238	250	258	264

Sportfish Caught: White Catfish, TL (mm)				
255	265	585		

Prey Fish Caught: Largemouth Bass, TL (mm)									
73	74	74	75	85	89	95	95	96	100

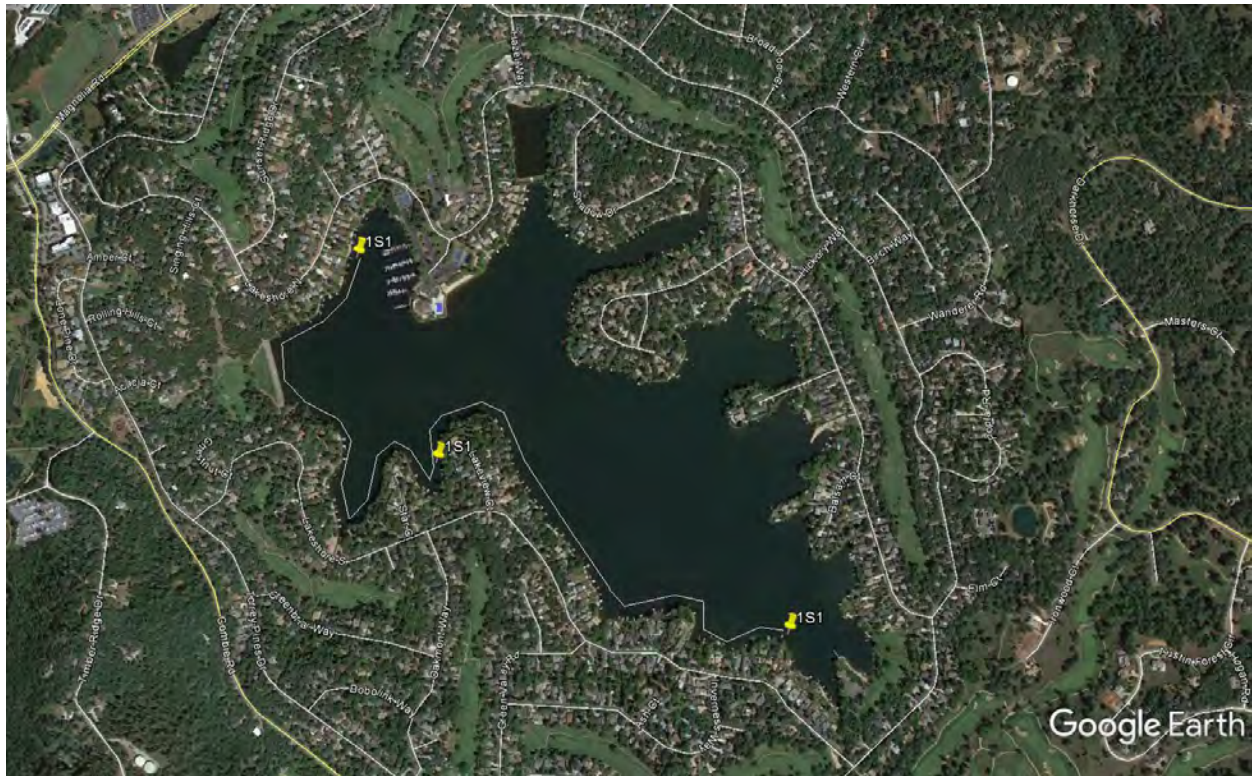
Prey Fish Caught: Bluegill, TL (mm)									
64	65	66	66	68	69	72	73	80	82

Prey Fish Caught: Green Sunfish, TL (mm)									
34	45	49	50	50	52	54	59	85	86

Comments: The boat was launched from the main boat ramp. Access was granted by the Collins Lake Recreational Area. Largemouth, redear, black crappie, catfish and three samples of prey fish were collected.

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2017 BOG Lakes, Lake of the Pines (516TP0045)



Latitude: 39.03154

Longitude: -121.05659

Collection Method: Electrofisher boat

Date (s) of Collection: June 19, 2017

Samplers: April Guimaraes and Jessica Heath

Sportfish Caught: Largemouth Bass, TL (mm)										
220	225	255	270	330	353	374	380	390	415	455

Sportfish Caught: Redear, TL (mm)									
102	109	115	120	120	125	125	125	134	135

Prey Fish Caught: Largemouth Bass, TL (mm)									
86	89	92	94	94	95	95	95	96	100

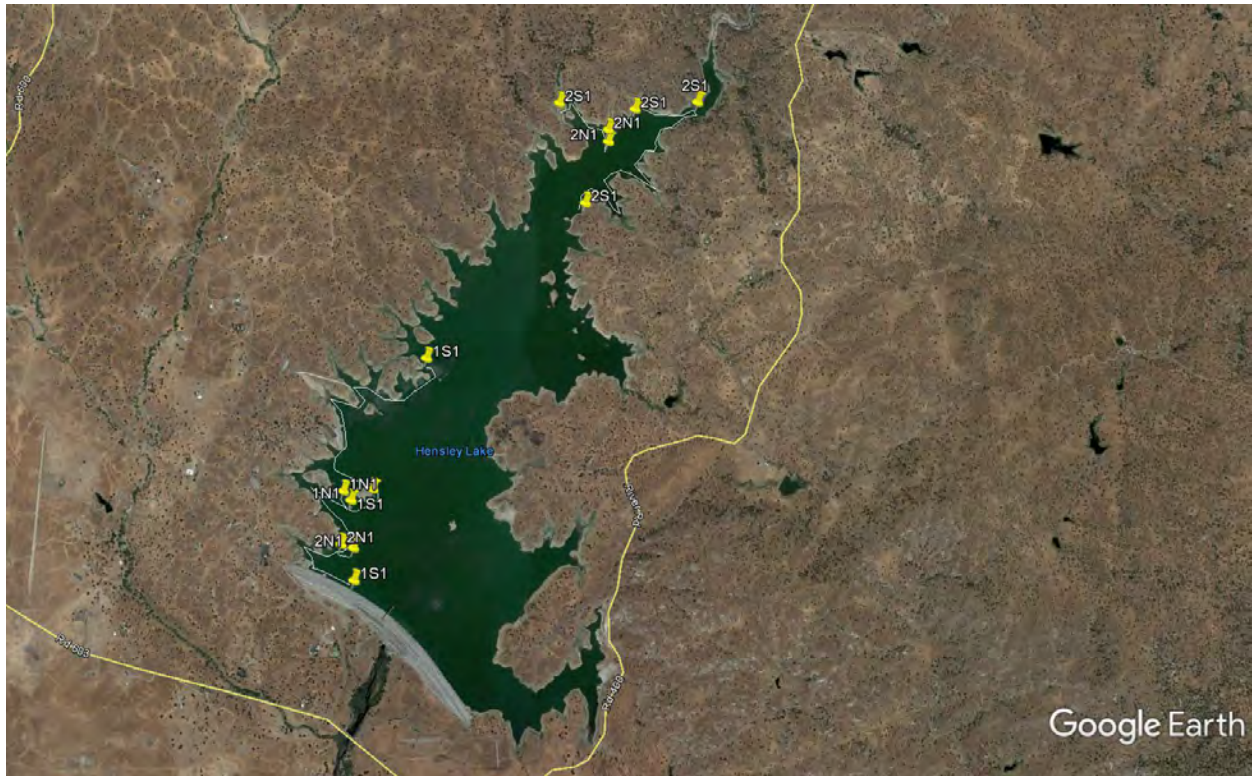
Prey Fish Caught: Bluegill, TL (mm)									
52	55	57	58	59	60	62	65	65	73

Prey Fish Caught: Green Sunfish, TL (mm)									
82	90	90	90	90	94	95	99	100	100

Comments: The boat was launched from the main boat ramp. Lake of the Pines is a private lake. Access was granted by the Lake of the Pines Association. Largemouth, redear, and three samples of prey fish were collected.

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2017 BOG Lakes, Hensley Lake (539PHL082)



Latitude: 37.11883

Longitude: -119.88675

Collection Method: Electrofisher boat

Date (s) of Collection: July 6-7, 2017

Samplers: April Guimaraes and Autumn Bonnema

Location 1: Sportfish Caught: Largemouth Bass, TL (mm)							
225	230	248	262	298	332	342	560

Location 1: Sportfish Caught: Bluegill, TL (mm)				
104	114	115	138	146

Location 1: Sportfish Caught: Crappie, TL (mm)					
150	160	160	167	169	170

Location 1: Sportfish Caught: Pumpkinseed, TL (mm)					
169	172	174	175	179	170

Location 1: Prey Fish Caught: Largemouth Bass, TL (mm)									
52	54	55	55	55	55	59	60	64	65

Location 1: Prey Fish Caught: Bluegill, TL (mm)									
53	59	59	68	69	69	74	77	84	89

Location 1: Prey Fish Caught: Green Sunfish, TL (mm)									
73	92	93	95	95	97	97	98	98	100

Location 2: Sportfish Caught: Largemouth Bass, TL (mm)										
213	222	233	262	270	294	307	320	320	345	385

Location 2: Sportfish Caught: Channel Catfish, TL (mm)					
550	590	623	640	710	

Location 2: Sportfish Caught: Bluegill, TL (mm)					
101	110	110	113	149	

Location 2: Sportfish Caught: Crappie, TL (mm)					
140	141	152	155	155	

Location 2: Sportfish Caught: Pumpkinseed, TL (mm)					
165	168	170			

Location 2: Prey Fish Caught: Largemouth Bass, TL (mm)									
55	60	60	60	61	64	65	65	66	74

Location 2: Prey Fish Caught: Bluegill, TL (mm)									
79	85	85	86	88	88	90	96	97	98

Comments: The boat was launched from the main boat ramp. Access was granted by the US Army Corps. Largemouth, bluegill, black crappie, pumpkinseed and three samples of prey fish were collected at location 1. Largemouth, channel catfish, bluegill, black crappie, pumpkinseed and two samples of prey fish were collected at location 2.

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2017 BOG Lakes, Lake Palmdale (626TU0279)



Latitude: 34.55521

Longitude: -118.12815

Collection Method: Electrofisher boat

Date (s) of Collection: August 31- September 1, 2017

Samplers: Gary Ichikawa and April Guimaraes

Sportfish Caught: Largemouth Bass, TL (mm)										
216	221	264	276	375	384	394	395	396	410	412

Prey Fish Caught: Largemouth Bass, TL (mm)									
55	56	58	59	62	64	65	65	67	86

Prey Fish Caught: Bluegill, TL (mm)									
32	32	33	33	33	34	36	38	50	52

Prey Fish Caught: Silverside, TL (mm)									
46	46	48	50	52	53	53	53	54	55

Prey Fish Caught: Goby, TL (mm)									
38	42	43	46	50	51	52	54	55	60

Comments: The boat was launched from the main boat ramp. Lake Palmdale is a private lake. Access was granted by the Palmdale Fin and Feather Club. Largemouth and four samples of prey fish were collected.

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2017 BOG Lakes, Silverwood Lake (628PSW035)



Latitude: 34.28378

Longitude: -117.33360

Collection Method: Electrofisher boat

Date (s) of Collection: May 16, 2017

Samplers: William Jakl and Chris Beebe

Sportfish Caught: Largemouth Bass, TL (mm)										
200	235	280	299	366	375	376	385	392	410	475

Sportfish Caught: Bluegill, TL (mm)									
95	126	130	132	150	152	155	158	159	190

Sportfish Caught: Brown Bullhead, TL (mm)					
300	300	310	320	360	385

Sportfish Caught: Channel Catfish, TL (mm)								
452	466	470	485	490	492	520	535	600

Sportfish Caught: Carp, TL (mm)			
510	520	612	

Sportfish Caught: Striped Bass, TL (mm)		
450	475	525

Prey Fish Caught: Sculpin, TL (mm)									
40	52	59	65	66	75	75	80	80	84

Prey Fish Caught: Bluegill, TL (mm)									
72	74	75	76	78	80	83	84	85	85

Prey Fish Caught: Silverside, TL (mm)									
55	61	65	66	67	67	72	73	75	80

Comments: The boat was launched from the main boat ramp. Largemouth, bluegill, brown bullhead, channel catfish, carp, striped bass and three samples of prey fish were collected.

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2017 BOG Lakes, Ferguson Lake (715TF0091)



Latitude: 32.97013

Longitude: -114.49481

Collection Method: Electrofisher boat

Date (s) of Collection: March 28, 2017

Samplers: William Jakl and Chris Beebe

Sportfish Caught: Largemouth Bass, TL (mm)										
230	249	290	304	345	347	373	384	401	444	445

Prey Fish Caught: Largemouth Bass, TL (mm)									
111	124	128	130	132	135	136	144	144	149

Comments: The boat was launched from the main boat ramp at Squaw Lake. It's about a 13 kilometer boat ride to Ferguson Lake from Squaw Lake. Largemouth and one sample of prey fish were collected.

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2017 BOG Lakes, Lake Evans (801PEL155)



Latitude: 33.99795

Longitude: -117.37970

Collection Method: Electrofisher boat and gill nets

Date (s) of Collection: May 1, 2017

Samplers: Chris Beebe and Stephen Martenuk

Sportfish Caught: Brown Bullhead, TL (mm)							
205	215	220	245	250	262	271	535

Comments: The boat was launched from the dirt boat ramp. Access was granted by Evans Lake. The entire lake was shocked and 2 gill nets were used. Catfish were the only species requested. A sample of brown bullhead was collected.

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2017 BOG Lakes, Lake Elsinore (802PEL058)



Latitude: 33.67803

Longitude: -117.361351

Collection Method: Electrofisher boat

Date (s) of Collection: September 11, 2017

Samplers: Chris Beebe and April Guimaraes

Sportfish Caught: Largemouth Bass, TL (mm)			
205	318		

Comments: The boat was launched from the main boat ramp off Lake Shore Drive. Very few fish were seen. The lake was very shallow and difficult to navigate. They have yearly fish kills at Elsinore. Only 2 largemouth and no prey fish were collected.

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2017 BOG Lakes, Skinner Reservoir (902SKINLK)



Latitude: 33.59232

Longitude: -117.04231

Collection Method: Electrofisher boat

Date (s) of Collection: April 25, 2017

Samplers: Gary Ichikawa and Jon Goetzl

Sportfish Caught: Largemouth Bass, TL (mm)										
220	230	278	285	350	358	368	375	375	427	510

Sportfish Caught: Bluegill, TL (mm)						
130	220	232	232	259	261	271

Sportfish Caught: Carp, TL (mm)									
460	558	565	575	580	582	608	630	655	682

Prey Fish Caught: Largemouth Bass, TL (mm)									
33	37	37	38	39	40	40	40	41	43

Comments: The boat was launched from the main boat ramp at the lake marina. Access was granted by Lake Skinner Park. Largemouth, bluegill and two samples of prey fish were collected.

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2017 BOG Lakes, Lake Hodges (905PLH070)



Latitude: 33.06630

Longitude: -117.10861

Collection Method: Electrofisher boat

Date (s) of Collection: May 3, 2017

Samplers: Chris Beebe and Stephen Martenuk

Sportfish Caught: Largemouth Bass, TL (mm)										
210	217	255	256	307	320	365	365	395	422	515

Sportfish Caught: Channel Catfish, TL (mm)									
385	410	410	450	485	505	521	555	572	582

Prey Fish Caught: Bluegill, TL (mm)									
68	70	71	75	78	79	79	82	91	93

Prey Fish Caught: Threadfin Shad, TL (mm)									
73	73	74	74	76	79	82	88	90	94

Comments: The boat was launched from the main boat ramp. Access was granted by the City of San Diego. Largemouth, channel catfish and two samples of prey fish were collected.

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2017 BOG Lakes, Lake Jennings (907PLJ102)



Latitude: 32.85329

Longitude: -116.88849

Collection Method: Electrofisher boat

Date (s) of Collection: May 3-4, 2017

Samplers: Chris Beebe and Stephen Martenuk

Sportfish Caught: Largemouth Bass, TL (mm)										
203	205	271	281	307	315	320	340	377	411	425

Sportfish Caught: Black Crappie, TL (mm)									
135	141	145	162	165	165	167	170	185	185

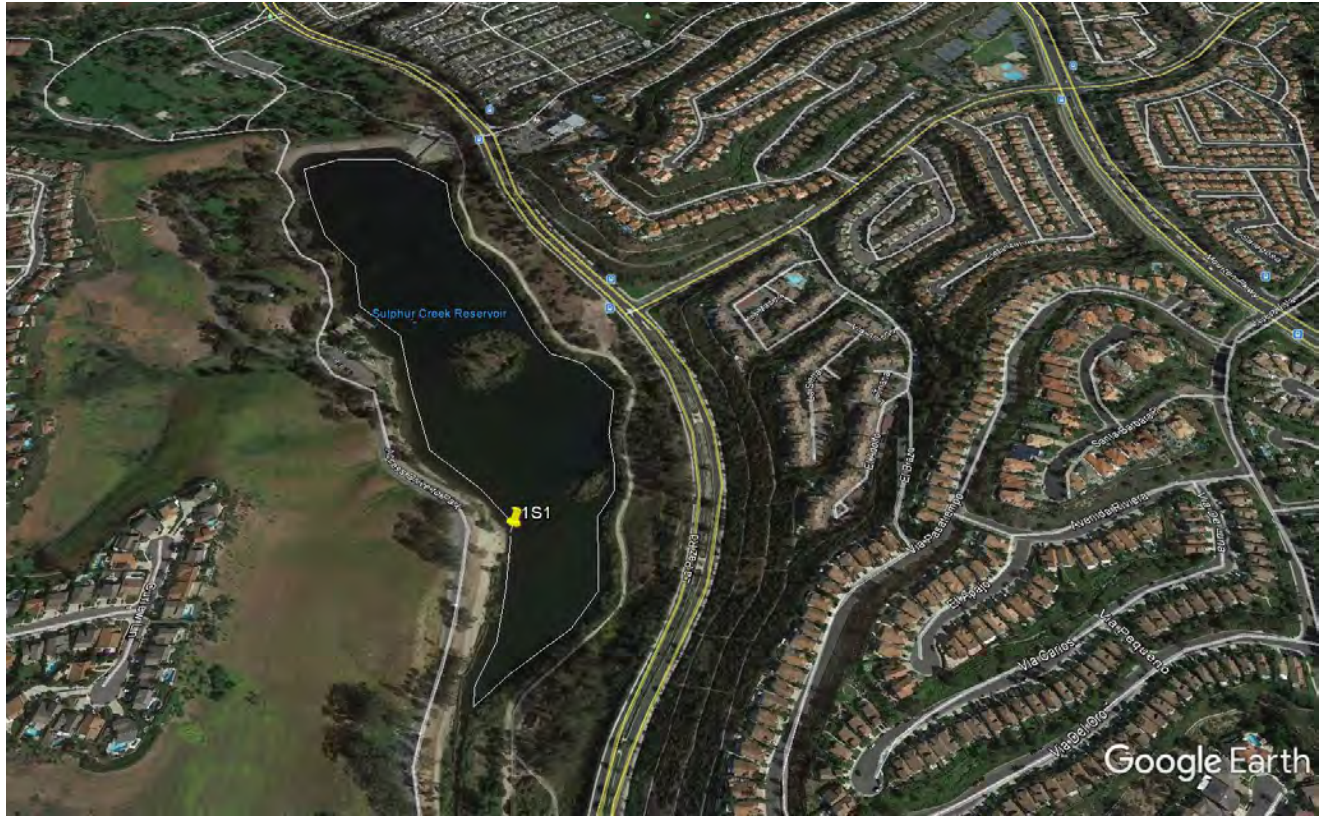
Prey Fish Caught: Largemouth Bass, TL (mm)									
75	89	94	95	95	95	97	98	100	100

Prey Fish Caught: Bluegill, TL (mm)									
52	56	65	65	79	80	82	85	90	95

Comments: The boat was launched from the main boat ramp. Access was granted by the San Diego Department of Parks and Recreation. Largemouth, black crappie and two samples of prey fish were collected.

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**2017 BOG Lakes, Laguna Niguel Park Lake (Sulphur Creek Reservoir)
(901LAGNPL)**



Latitude: 33.54966

Longitude: -117.70728

Collection Method: Electrofisher boat

Date (s) of Collection: April 24, 2017

Samplers: Gary Ichikawa and Jon Goetzl

Sportfish Caught: Largemouth Bass, TL (mm)										
225	235	268	328	330	341	370	373	390	442	451

Sportfish Caught: Bluegill, TL (mm)									
135	142	152	160	172	175	182	190	219	220

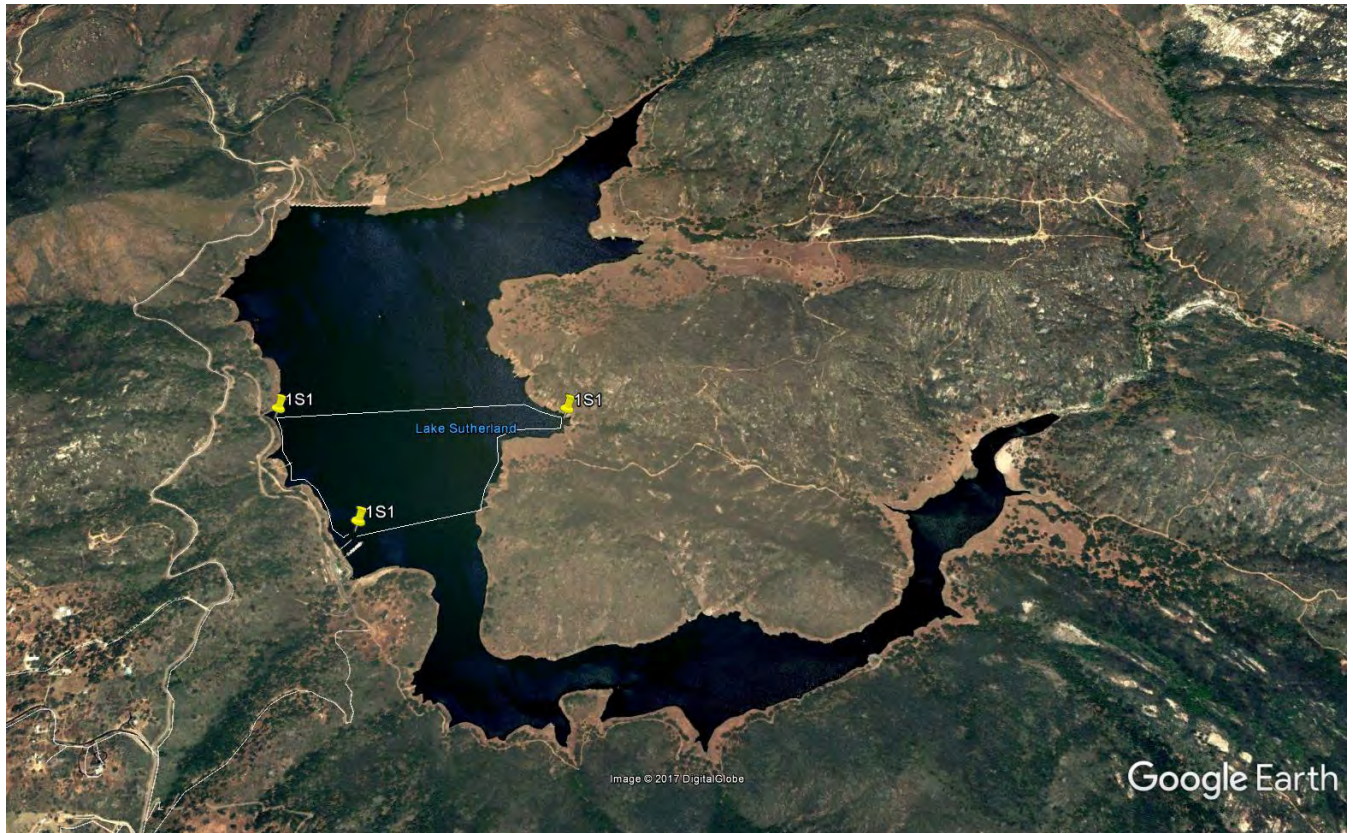
Sportfish Caught: Carp, TL (mm)									
660	677	690	690	690	700	710	747	772	775

Prey Fish Caught: Largemouth Bass, TL (mm)									
30	32	32	32	33	34	35	35	35	35

Comments: The boat was launched from the dirt boat ramp. Access was granted by the Laguna Niguel Park Ranger Station. The entire lake was shocked. Largemouth, bluegill, carp and one sample of prey fish were collected.

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2017 BOG Lakes, Lake Sutherland (905PLS198)



Latitude: 33.10642

Longitude: -116.78432

Collection Method: Electrofisher boat

Date (s) of Collection: May 2, 2017

Samplers: Chris Beebe and Stephen Martenuk

Sportfish Caught: Largemouth Bass, TL (mm)										
202	240	273	276	352	352	365	370	375	429	435

Sportfish Caught: Bluegill, TL (mm)									
135	136	142	144	145	154	157	159	175	184

Sportfish Caught: Carp, TL (mm)									
440	441	451	455	465	468	470	475	478	501

Prey Fish Caught: Largemouth Bass, TL (mm)									
26	27	28	29	30	31	32	32	35	38

Prey Fish Caught: Carp, TL (mm)									
35	37	41	43	45	45	55	57	64	64

Prey Fish Caught: Threadfin Shad, TL (mm)									
54	55	55	55	55	56	57	57	58	59

Comments: The boat was launched from the main boat ramp. Access was granted by the Lake Sutherland Park Station. Largemouth, bluegill, carp and three samples of prey fish were collected.

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Appendix1. List of Priority Bass Lakes

<u>Year</u>	<u>Panel</u>	<u>RegBoard</u>	<u>StationNam</u>	<u>Latitude</u>	<u>Longitude</u>	<u>County</u>
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 2017 bass lakes survey:
composites or means at each location

Map Label	Regional Board	Station Name	Location Code	Sample Type	Sample Year	Common Name	SampleID	Mercury (µg/g ww)	Selenium (µg/g ww)	Sum of PCBs (ng/g ww)	Sum of DDTs (ng/g ww)	Dieldrin (ng/g ww)	Sum of Chlordane (ng/g ww)
1	1	Iron Gate Reservoir	NA	Composite	2017	Brown Bullhead	C1_105PIG154BOG17BRB	0.08	0.16				
1	1	Iron Gate Reservoir	NA	Composite	2017	Brown Bullhead	C2_105PIG154BOG17BRB	0.16	0.17				
1	1	Iron Gate Reservoir	NA	350 mm Length-Adjusted	2017	Largemouth Bass	NA	0.30					
1	1	Iron Gate Reservoir	NA	Composite	2017	Largemouth Bass	C1_105PIG154BOG17LMB		0.35				
1	1	Iron Gate Reservoir	NA	Composite	2017	Redear Sunfish	C1_105PIG154BOG17RES	0.01	0.08				
1	1	Iron Gate Reservoir	NA	Composite	2017	Redear Sunfish	C2_105PIG154BOG17RES	0.03	0.08				
5a	1	Lake Pillsbury	L1	350 mm Length-Adjusted L1	2017	Largemouth Bass	NA	0.92					
5a	1	Lake Pillsbury	L1	Composite L1	2017	Largemouth Bass	C1_111PLP137L1BOG17LMB		0.43				
5b	1	Lake Pillsbury	L2	350 mm Length-Adjusted L2	2017	Largemouth Bass	NA	0.93					
5b	1	Lake Pillsbury	L2	Composite L2	2017	Largemouth Bass	C1_111PLP137L2BOG17LMB		0.45				
17	2	Coyote Lake	NA	Average of Individuals	2017	Black Crappie	NA	0.65	0.53				
17	2	Coyote Lake	NA	Composite	2017	Black Crappie	C1_205PCL212BOG17BCR	0.20	0.48				
17	2	Coyote Lake	NA	Composite	2017	Black Crappie	C2_205PCL212BOG17BCR	0.19	0.50				
17	2	Coyote Lake	NA	Composite	2017	Bluegill	C1_205PCL212BOG17BGL	0.21	0.49				
17	2	Coyote Lake	NA	Composite	2017	Bluegill	C2_205PCL212BOG17BGL	0.21	0.49				
17	2	Coyote Lake	NA	350 mm Length-Adjusted	2017	Largemouth Bass	NA	0.82					
17	2	Coyote Lake	NA	Composite	2017	Largemouth Bass	C1_205PCL212BOG17LMB		0.80				
12	2	Nicasio Lake	NA	Composite	2017	Black Crappie	C1_201PNL105BOG17BCR	0.18	2.65	0.1			
12	2	Nicasio Lake	NA	350 mm Length-Adjusted	2017	Largemouth Bass	NA	0.42					
12	2	Nicasio Lake	NA	Composite	2017	Largemouth Bass	C1_201PNL105BOG17LMB		0.45				
13	2	San Pablo Reservoir	NA	350 mm Length-Adjusted	2017	Largemouth Bass	NA	0.60					
13	2	San Pablo Reservoir	NA	Composite	2017	Largemouth Bass	C1_206PSP205BOG17LMB		0.28				
14	2	Upper San Leandro Reservoir	NA	Composite	2017	Bluegill	C1_204TL0138BOG17BGL	0.23	0.51				
14	2	Upper San Leandro Reservoir	NA	Composite	2017	Bluegill	C2_204TL0138BOG17BGL	0.26	0.61				
14	2	Upper San Leandro Reservoir	NA	350 mm Length-Adjusted	2017	Largemouth Bass	NA	0.84					
14	2	Upper San Leandro Reservoir	NA	Composite	2017	Largemouth Bass	C1_204TL0138BOG17LMB		0.55				
14	2	Upper San Leandro Reservoir	NA	Composite	2017	Redear Sunfish	C1_204TL0138BOG17RES	0.06	0.47				
14	2	Upper San Leandro Reservoir	NA	Composite	2017	Redear Sunfish	C2_204TL0138BOG17RES	0.14	0.40				
16	3	Chesbro Reservoir	NA	350 mm Length-Adjusted	2017	Largemouth Bass	NA	0.97					
16	3	Chesbro Reservoir	NA	Composite	2017	Largemouth Bass	C1_305PCB032BOG17LMB		0.44	4.0			
23a	3	Lake Cachuma	L1	Composite L1	2017	Common Carp	C1_314PLC191L1BOG17CAR	0.20	1.51				
23b	3	Lake Cachuma	L2	Composite L2	2017	Common Carp	C1_314PLC191L2BOG17CAR	0.18	1.85				
23a	3	Lake Cachuma	L1	350 mm Length-Adjusted L1	2017	Largemouth Bass	NA	0.32					
23a	3	Lake Cachuma	L1	Composite L1	2017	Largemouth Bass	C1_314PLC191L1BOG17LMB		1.35				
23b	3	Lake Cachuma	L2	350 mm Length-Adjusted L2	2017	Largemouth Bass	NA	0.19					
23b	3	Lake Cachuma	L2	Composite L2	2017	Largemouth Bass	C1_314PLC191L2BOG17LMB		1.22				
22	3	Lopez Lake	NA	350 mm Length-Adjusted	2017	Largemouth Bass	NA	0.14					
22	3	Lopez Lake	NA	Composite	2017	Largemouth Bass	C1_310PLL106BOG17LMB		0.28				
19	3	Pinto Lake	NA	Composite	2017	Black Crappie	C1_305PPL088BOG17BCR	0.39	0.19				
19	3	Pinto Lake	NA	Composite	2017	Brown Bullhead	C1_305PPL088BOG17BRB	0.03	0.08		6.5	0.0	0.0
19	3	Pinto Lake	NA	350 mm Length-Adjusted	2017	Largemouth Bass	NA	0.22					
19	3	Pinto Lake	NA	Composite	2017	Largemouth Bass	C1_305PPL088BOG17LMB		0.19				
29	4	Alondra Park Lake	NA	Composite	2017	Bluegill	C1_411PAP023BOG17BGL	0.04	0.45	1.4			
29	4	Alondra Park Lake	NA	350 mm Length-Adjusted	2017	Largemouth Bass	NA	0.20					
29	4	Alondra Park Lake	NA	Composite	2017	Largemouth Bass	C1_411PAP023BOG17LMB		0.70				
28	4	Magic Johnson Lakes	NA	Composite	2017	Bluegill	C1_412MGJSLKBOG17BGL	0.08	0.08				
28	4	Magic Johnson Lakes	NA	350 mm Length-Adjusted	2017	Largemouth Bass	NA	0.71					
28	4	Magic Johnson Lakes	NA	Composite	2017	Largemouth Bass	C1_412MGJSLKBOG17LMB		0.08	7.7			
27	4	Wilderness Park Lake	NA	Composite	2017	Bluegill	C1_405DOWILDBOG17BGL	0.01	0.39				
27	4	Wilderness Park Lake	NA	Composite	2017	Common Carp	C1_405DOWILDBOG17CAR	0.00	0.35				
3	5	Butte Lake	NA	350 mm Length-Adjusted	2017	Largemouth Bass	NA	0.54					
3	5	Butte Lake	NA	Composite	2017	Largemouth Bass	C1_526PBL114BOG17LMB		0.82				
6	5	Collins Lake	NA	Composite	2017	Black Crappie	C1_517PCL005BOG17BCR	0.30	0.48				
6	5	Collins Lake	NA	Composite	2017	Black Crappie	C2_517PCL005BOG17BCR	0.43	0.75				
6	5	Collins Lake	NA	350 mm Length-Adjusted	2017	Largemouth Bass	NA	0.51					

Map Label	Regional Board	Station Name	Location Code	Sample Type	Sample Year	Common Name	SampleID	Mercury (µg/g ww)	Selenium (µg/g ww)	Sum of PCBs (ng/g ww)	Sum of DDTs (ng/g ww)	Dieldrin (ng/g ww)	Sum of Chlordane (ng/g ww)
6	5	Collins Lake	NA	Composite	2017	Largemouth Bass	C1_517PCL005BOG17LMB		0.67				
6	5	Collins Lake	NA	Composite	2017	Redear Sunfish	C1_517PCL005BOG17RES	0.18	0.36				
6	5	Collins Lake	NA	Composite	2017	White Catfish	C1_517PCL005BOG17WHC	0.36	0.08				
8	5	Davis Creek Reservoir	NA	Composite	2017	Bluegill	C1_513DAVSCRBOG17BGL	1.04	0.74	0.0			
8	5	Davis Creek Reservoir	NA	350 mm Length-Adjusted	2017	Largemouth Bass	NA	1.52					
8	5	Davis Creek Reservoir	NA	Composite	2017	Largemouth Bass	C1_513DAVSCRBOG17LMB		0.55	0.0			
15a	5	Hensley Lake	L1	Composite L1	2017	Bluegill	C1_539PHL082L1BOG17BGL	0.28	0.47				
15b	5	Hensley Lake	L2	Composite L2	2017	Bluegill	C1_539PHL082L2BOG17BGL		0.24				
15c	5	Hensley Lake	NA	Composite	2017	Channel Catfish	C1_539PHL082BOG17CHC	0.46	0.18				
15a	5	Hensley Lake	L1	Composite L1	2017	Crappie	C1_539PHL082L1BOG17BCR	0.40	0.42				
15b	5	Hensley Lake	L2	Composite L2	2017	Crappie	C1_539PHL082L2BOG17BCR	0.27	0.31				
15a	5	Hensley Lake	L1	350 mm Length-Adjusted L1	2017	Largemouth Bass	NA	0.70					
15a	5	Hensley Lake	L1	Composite L1	2017	Largemouth Bass	C1_539PHL082L1BOG17LMB		0.52				
15b	5	Hensley Lake	L2	350 mm Length-Adjusted L2	2017	Largemouth Bass	NA	0.79					
15b	5	Hensley Lake	L2	Composite L2	2017	Largemouth Bass	C1_539PHL082L2BOG17LMB		0.31				
15a	5	Hensley Lake	L1	Composite L1	2017	Pumpkinseed	C1_539PHL082L1BOG17PKS	0.35	0.47				
15b	5	Hensley Lake	L2	Composite L2	2017	Pumpkinseed	C1_539PHL082L2BOG17PKS	0.31	0.44				
20c	5	Isabella Lake	NA	Composite	2017	Channel Catfish	C1_554PLB026BOG17CHC	0.15	0.19	0.7	4.5	0.0	0.0
20a	5	Isabella Lake	L1	350 mm Length-Adjusted L1	2017	Largemouth Bass	NA	0.29					
20a	5	Isabella Lake	L1	Composite L1	2017	Largemouth Bass	C1_554PLB026L1BOG17LMB		0.29				
20b	5	Isabella Lake	L2	350 mm Length-Adjusted L2	2017	Largemouth Bass	NA	0.37					
20b	5	Isabella Lake	L2	Composite L2	2017	Largemouth Bass	C1_554PLB026L2BOG17LMB		0.39				
9	5	Lake Natoma	NA	Composite	2017	Bluegill	C1_519PLN133BOG17BGL	0.13	0.43				
9	5	Lake Natoma	NA	Composite	2017	Green Sunfish	C1_519PLN133BOG17GRS	0.17	0.27				
9	5	Lake Natoma	NA	Composite	2017	Green Sunfish	C2_519PLN133BOG17GRS	0.25	0.34				
9	5	Lake Natoma	NA	350 mm Length-Adjusted	2017	Largemouth Bass	NA	0.56					
9	5	Lake Natoma	NA	Composite	2017	Largemouth Bass	C1_519PLN133BOG17LMB		0.35				
9	5	Lake Natoma	NA	Composite	2017	Sacramento Sucker	C1_519PLN133BOG17SAS	0.25	0.29				
9	5	Lake Natoma	NA	Composite	2017	Sacramento Sucker	C2_519PLN133BOG17SAS	0.28	0.33				
9	5	Lake Natoma	NA	Lake-wide Composite	2017	Sacramento Sucker	SC_519PLN133BOG17SAS			1.3			
7	5	Lake of the Pines	NA	350 mm Length-Adjusted	2017	Largemouth Bass	NA	0.12					
7	5	Lake of the Pines	NA	Composite	2017	Largemouth Bass	C1_516TP0045BOG17LMB		0.29				
7	5	Lake of the Pines	NA	Composite	2017	Redear Sunfish	C1_516TP0045BOG17RES	0.02	0.62				
21	5	Lake Webb	NA	Composite	2017	Channel Catfish	C1_557PWB010BOG17CHC	0.13	0.33	3.0			
21	5	Lake Webb	NA	Composite	2017	Channel Catfish	C2_557PWB010BOG17CHC	0.08	1.62				
21	5	Lake Webb	NA	350 mm Length-Adjusted	2017	Largemouth Bass	NA	0.30					
21	5	Lake Webb	NA	Composite	2017	Largemouth Bass	C1_557PWB010BOG17LMB		0.58				
18	5	Los Banos Reservoir	NA	Composite	2017	Common Carp	C1_542PLB064BOG17CAR	0.37	0.48		12	0.0	0.0
18	5	Los Banos Reservoir	NA	Composite	2017	Common Carp	C2_542PLB064BOG17CAR	0.28	0.20				
18	5	Los Banos Reservoir	NA	350 mm Length-Adjusted	2017	Largemouth Bass	NA	0.97					
18	5	Los Banos Reservoir	NA	Composite	2017	Largemouth Bass	C1_542PLB064BOG17LMB		0.41				
18	5	Los Banos Reservoir	NA	Composite	2017	Redear Sunfish	C1_542PLB064BOG17RES	0.13	0.32				
18	5	Los Banos Reservoir	NA	Composite	2017	Redear Sunfish	C2_542PLB064BOG17RES	0.29	0.48				
4	5	Mile Long Pond	NA	Composite	2017	Common Carp	C1_515MILGPDBOG17CAR	0.16	0.08				
4	5	Mile Long Pond	NA	Composite	2017	Common Carp	C2_515MILGPDBOG17CAR	0.27	0.26	2.3			
4	5	Mile Long Pond	NA	350 mm Length-Adjusted	2017	Largemouth Bass	NA	0.39					
4	5	Mile Long Pond	NA	Composite	2017	Largemouth Bass	C1_515MILGPDBOG17LMB		0.21				
4	5	Mile Long Pond	NA	Composite	2017	Redear Sunfish	C1_515MILGPDBOG17RES	0.18	0.53	0.0			
11a	5	New Hogan Lake	L1	350 mm Length-Adjusted L1	2017	Largemouth Bass	NA	0.61					
11a	5	New Hogan Lake	L1	Composite L1	2017	Largemouth Bass	C1_533PNH089L1BOG17LMB		0.55				
11b	5	New Hogan Lake	L2	350 mm Length-Adjusted L2	2017	Largemouth Bass	NA	0.55					
11b	5	New Hogan Lake	L2	Composite L2	2017	Largemouth Bass	C1_533PNH089L2BOG17LMB		0.61				
11c	5	New Hogan Lake	L3	350 mm Length-Adjusted L3	2017	Largemouth Bass	NA	0.66					
11c	5	New Hogan Lake	L3	Composite L3	2017	Largemouth Bass	C1_533PNH089L3BOG17LMB		0.61				
10a	5	Pardee Reservoir	L1	350 mm Length-Adjusted L1	2017	Largemouth Bass	NA	0.43					

Map Label	Regional Board	Station Name	Location Code	Sample Type	Sample Year	Common Name	SampleID	Mercury (µg/g ww)	Selenium (µg/g ww)	Sum of PCBs (ng/g ww)	Sum of DDTs (ng/g ww)	Dieldrin (ng/g ww)	Sum of Chlordane (ng/g ww)
10a	5	Pardee Reservoir	L1	Composite L1	2017	Largemouth Bass	C1_532PPD073L1BOG17LMB		0.39				
10b	5	Pardee Reservoir	L2	350 mm Length-Adjusted L2	2017	Largemouth Bass	NA	0.37					
10b	5	Pardee Reservoir	L2	Composite L2	2017	Largemouth Bass	C1_532PPD073L2BOG17LMB		0.30				
2a	5	Whiskeytown Lake	L1	350 mm Length-Adjusted L1	2017	Smallmouth Bass	NA	0.24					
2a	5	Whiskeytown Lake	L1	Composite L1	2017	Smallmouth Bass	C1_524PWT057L1BOG17SMB		0.69				
2b	5	Whiskeytown Lake	L2	350 mm Length-Adjusted L2	2017	Smallmouth Bass	NA	0.17					
2b	5	Whiskeytown Lake	L2	Composite L2	2017	Smallmouth Bass	C1_524PWT057L2BOG17SMB		0.53				
2c	5	Whiskeytown Lake	L3	350 mm Length-Adjusted L3	2017	Smallmouth Bass	NA	0.14					
2c	5	Whiskeytown Lake	L3	Composite L3	2017	Smallmouth Bass	C1_524PWT057L3BOG17SMB		0.52				
24	6	Palmdale Lake	NA	350 mm Length-Adjusted	2017	Largemouth Bass	NA	0.12					
24	6	Palmdale Lake	NA	Composite	2017	Largemouth Bass	C1_626TU0279BOG17LMB		0.42				
25	6	Silverwood Lake	NA	Composite	2017	Bluegill	C1_628PSW035BOG17BGL	0.11	0.31				
25	6	Silverwood Lake	NA	Composite	2017	Bluegill	C2_628PSW035BOG17BGL	0.13	2.95				
25	6	Silverwood Lake	NA	Composite	2017	Brown Bullhead	C1_628PSW035BOG17BRB	0.70	2.99	137			
25	6	Silverwood Lake	NA	Composite	2017	Channel Catfish	C1_628PSW035BOG17CHC	0.25	1.42				
25	6	Silverwood Lake	NA	Composite	2017	Channel Catfish	C2_628PSW035BOG17CHC	0.23	0.50				
25	6	Silverwood Lake	NA	Lake-wide Composite	2017	Channel Catfish	SC_628PSW035BOG17CHC			80			
25	6	Silverwood Lake	NA	Composite	2017	Common Carp	C1_628PSW035BOG17CAR	0.14	0.24				
25	6	Silverwood Lake	NA	350 mm Length-Adjusted	2017	Largemouth Bass	NA	0.61					
25	6	Silverwood Lake	NA	Composite	2017	Largemouth Bass	C1_628PSW035BOG17LMB		0.47				
25	6	Silverwood Lake	NA	Composite	2017	Sacramento Blackfish	C1_628PSW035BOG17SBF	0.83	0.75				
25	6	Silverwood Lake	NA	Average of Individuals	2017	Striped Bass	NA	0.53					
25	6	Silverwood Lake	NA	Composite	2017	Striped Bass	C1_628PSW035BOG17STB		0.56				
34	7	Ferguson Lake	NA	350 mm Length-Adjusted	2017	Largemouth Bass	NA	0.08					
34	7	Ferguson Lake	NA	Composite	2017	Largemouth Bass	C1_715TF0091BOG17LMB		1.97				
26	8	Lake Evans	NA	Average of Individuals	2017	Brown Bullhead	NA	0.03					
26	8	Lake Evans	NA	Composite	2017	Brown Bullhead	C1_801PEL155BOG17BRB		0.21	0.0			
31	9	Laguna Niguel Park Lake (Sulpher Cr	NA	Composite	2017	Bluegill	C1_901LAGNPLBOG17BGL	0.01	1.01	0.1			
31	9	Laguna Niguel Park Lake (Sulpher Cr	NA	Composite	2017	Bluegill	C2_901LAGNPLBOG17BGL	0.00	0.66				
31	9	Laguna Niguel Park Lake (Sulpher Cr	NA	Composite	2017	Common Carp	C1_901LAGNPLBOG17CAR	0.00	1.00	18			
31	9	Laguna Niguel Park Lake (Sulpher Cr	NA	Composite	2017	Common Carp	C2_901LAGNPLBOG17CAR	0.00	0.92				
31	9	Laguna Niguel Park Lake (Sulpher Cr	NA	350 mm Length-Adjusted	2017	Largemouth Bass	NA	0.05					
31	9	Laguna Niguel Park Lake (Sulpher Cr	NA	Composite	2017	Largemouth Bass	C1_901LAGNPLBOG17LMB		1.00				
33	9	Lake Hodges	NA	Composite	2017	Channel Catfish	C1_905PLH070BOG17CHC	0.04	0.34	0.6			
33	9	Lake Hodges	NA	Composite	2017	Channel Catfish	C2_905PLH070BOG17CHC	0.03	0.26				
33	9	Lake Hodges	NA	350 mm Length-Adjusted	2017	Largemouth Bass	NA	0.12					
33	9	Lake Hodges	NA	Composite	2017	Largemouth Bass	C1_905PLH070BOG17LMB		0.40				
35	9	Lake Jennings	NA	Composite	2017	Black Crappie	C1_907PLJ102BOG17BCR	0.04	1.67	0.0			
35	9	Lake Jennings	NA	350 mm Length-Adjusted	2017	Largemouth Bass	NA	0.22					
35	9	Lake Jennings	NA	Composite	2017	Largemouth Bass	C1_907PLJ102BOG17LMB		2.05	0.5			
32	9	Lake Sutherland	NA	Composite	2017	Bluegill	C1_905PLS198BOG17BGL	0.02	0.97	0.0			
32	9	Lake Sutherland	NA	Composite	2017	Common Carp	C1_905PLS198BOG17CAR	0.10	0.87	0.0			
32	9	Lake Sutherland	NA	Composite	2017	Common Carp	C2_905PLS198BOG17CAR	0.08	0.35				
32	9	Lake Sutherland	NA	350 mm Length-Adjusted	2017	Largemouth Bass	NA	0.17					
32	9	Lake Sutherland	NA	Composite	2017	Largemouth Bass	C1_905PLS198BOG17LMB		0.73				
30	9	Skinner Lake	NA	Composite	2017	Bluegill	C1_902SKINLKBOG17BGL	0.02	0.73	7.9			
30	9	Skinner Lake	NA	Composite	2017	Common Carp	C1_902SKINLKBOG17CAR	0.01	0.83	13			
30	9	Skinner Lake	NA	Composite	2017	Common Carp	C2_902SKINLKBOG17CAR	0.02	0.93				
30	9	Skinner Lake	NA	350 mm Length-Adjusted	2017	Largemouth Bass	NA	0.10					
30	9	Skinner Lake	NA	Composite	2017	Largemouth Bass	C1_902SKINLKBOG17LMB		0.79				

Appendix 2b: Concise summary of prey fish results
for the 2017 bass lakes survey:
composites or means at each location

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	Iron Gate Reservoir	NA	Composite	2017	Black Crappie	C1_105PIG154BOG17BCR	0.01	0.63
1	1	Iron Gate Reservoir	NA	Composite	2017	Hitch	C1_105PIG154BOG17HIT	0.02	0.33
1	1	Iron Gate Reservoir	NA	Composite	2017	Largemouth Bass	C2_105PIG154BOG17LMB	0.02	0.22
1	1	Iron Gate Reservoir	NA	Composite	2017	Redear Sunfish	C3_105PIG154BOG17RES	0.01	0.08
5a	1	Lake Pillsbury	L1	Composite L1	2017	Bluegill	C1_111PLP137L1BOG17BGL	0.15	0.63
5b	1	Lake Pillsbury	L2	Composite L2	2017	Bluegill	C1_111PLP137L2BOG17BGL	0.14	0.34
5a	1	Lake Pillsbury	L1	Composite L1	2017	Largemouth Bass	C2_111PLP137L1BOG17LMB	0.25	0.94
5b	1	Lake Pillsbury	L2	Composite L2	2017	Largemouth Bass	C2_111PLP137L2BOG17LMB	0.21	0.72
17	2	Coyote Lake	NA	Composite	2017	Bluegill	C3_205PCL212BOG17BGL	0.14	0.62
17	2	Coyote Lake	NA	Composite	2017	Largemouth Bass	C2_205PCL212BOG17LMB	0.12	1.21
12	2	Nicasio Lake	NA	Composite	2017	Bluegill	C1_201PNL105BOG17BGL	0.05	0.61
12	2	Nicasio Lake	NA	Composite	2017	Goby	C1_201PNL105BOG17GOB	0.07	0.60
12	2	Nicasio Lake	NA	Composite	2017	Largemouth Bass	C2_201PNL105BOG17LMB	0.08	0.08
13	2	San Pablo Reservoir	NA	Composite	2017	Bluegill	C1_206PSP205BOG17BGL	0.06	0.83
13	2	San Pablo Reservoir	NA	Composite	2017	Largemouth Bass	C2_206PSP205BOG17LMB	0.04	0.68
13	2	San Pablo Reservoir	NA	Composite	2017	Silverside	C1_206PSP205BOG17MSS	0.15	0.47
14	2	Upper San Leandro Reservoir	NA	Composite	2017	Bluegill	C3_204TL0138BOG17BGL	0.07	0.50
14	2	Upper San Leandro Reservoir	NA	Composite	2017	Goby	C1_204TL0138BOG17GOB	0.04	1.45
14	2	Upper San Leandro Reservoir	NA	Composite	2017	Largemouth Bass	C2_204TL0138BOG17LMB	0.02	2.27
16	3	Chesbro Reservoir	NA	Composite	2017	Bluegill	C1_305PCB032BOG17BGL	0.07	0.56
16	3	Chesbro Reservoir	NA	Composite	2017	Largemouth Bass	C2_305PCB032BOG17LMB	0.12	0.76
23a	3	Lake Cachuma	L1	Composite L1	2017	Largemouth Bass	C2_314PLC191L1BOG17LMB	0.05	1.43
23b	3	Lake Cachuma	L2	Composite L2	2017	Largemouth Bass	C2_314PLC191L2BOG17LMB	0.05	1.42
23a	3	Lake Cachuma	L1	Composite L1	2017	Threadfin Shad	C1_314PLC191L1BOG17TFS	0.15	1.14
23b	3	Lake Cachuma	L2	Composite L2	2017	Threadfin Shad	C1_314PLC191L2BOG17TFS	0.12	1.11
22	3	Lopez Lake	NA	Composite	2017	American Shad	C1_310PLL106BOG17AMS	0.02	0.21
22	3	Lopez Lake	NA	Composite	2017	Bluegill	C1_310PLL106BOG17BGL	0.02	0.51
22	3	Lopez Lake	NA	Composite	2017	Largemouth Bass	C2_310PLL106BOG17LMB	0.03	0.08
19	3	Pinto Lake	NA	Composite	2017	Bluegill	C1_305PPL088BOG17BGL	0.04	0.37
19	3	Pinto Lake	NA	Composite	2017	Largemouth Bass	C2_305PPL088BOG17LMB	0.06	0.46
29	4	Alondra Park Lake	NA	Composite	2017	Bluegill	C2_411PAP023BOG17BGL	0.03	0.83
29	4	Alondra Park Lake	NA	Composite	2017	Largemouth Bass	C2_411PAP023BOG17LMB	0.02	0.90
29	4	Alondra Park Lake	NA	Composite	2017	Silverside	C1_411PAP023BOG17MSS	0.04	0.54
28	4	Magic Johnson Lakes	NA	Composite	2017	Bluegill	C2_412MGJSLKBOG17BGL	0.06	0.52
28	4	Magic Johnson Lakes	NA	Composite	2017	Largemouth Bass	C2_412MGJSLKBOG17LMB	0.16	0.25
28	4	Magic Johnson Lakes	NA	Composite	2017	Silverside	C1_412MGJSLKBOG17MSS	0.26	0.18
27	4	Wilderness Park Lake	NA	Composite	2017	Bluegill	C2_405DOWILDBOG17BGL	0.00	0.23
27	4	Wilderness Park Lake	NA	Composite	2017	Bluegill	C3_405DOWILDBOG17BGL	0.00	0.72
27	4	Wilderness Park Lake	NA	Composite	2017	Common Carp	C2_405DOWILDBOG17CAR	0.00	0.37
3	5	Butte Lake	NA	Composite	2017	Bluegill	C1_526PBL114BOG17BGL	0.09	1.09
3	5	Butte Lake	NA	Composite	2017	Largemouth Bass	C2_526PBL114BOG17LMB	0.20	0.66
3	5	Butte Lake	NA	Composite	2017	Smallmouth Bass	C1_526PBL114BOG17SMB	0.16	0.70
3	5	Butte Lake	NA	Composite	2017	Threadfin Shad	C1_526PBL114BOG17TFS	0.09	0.58
6	5	Collins Lake	NA	Composite	2017	Bluegill	C1_517PCL005BOG17BGL	0.10	0.82
6	5	Collins Lake	NA	Composite	2017	Green Sunfish	C1_517PCL005BOG17GRS	0.09	0.67
6	5	Collins Lake	NA	Composite	2017	Largemouth Bass	C2_517PCL005BOG17LMB	0.13	0.42
8	5	Davis Creek Reservoir	NA	Composite	2017	Bluegill	C2_513DAVSCRBOG17BGL	0.06	1.02
8	5	Davis Creek Reservoir	NA	Composite	2017	Largemouth Bass	C2_513DAVSCRBOG17LMB	0.07	0.96
15a	5	Hensley Lake	L1	Composite L1	2017	Bluegill	C2_539PHL082L1BOG17BGL	0.09	1.08
15b	5	Hensley Lake	L2	Composite L2	2017	Bluegill	C2_539PHL082L2BOG17BGL	0.10	0.21
15a	5	Hensley Lake	L1	Composite L1	2017	Green Sunfish	C1_539PHL082L1BOG17GRS	0.11	0.43
15a	5	Hensley Lake	L1	Composite L1	2017	Largemouth Bass	C2_539PHL082L1BOG17LMB	0.15	0.51
15b	5	Hensley Lake	L2	Composite L2	2017	Largemouth Bass	C2_539PHL082L2BOG17LMB	0.10	0.28
20a	5	Isabella Lake	L1	Composite L1	2017	Bluegill	C1_554PLB026L1BOG17BGL	0.09	0.37
20b	5	Isabella Lake	L2	Composite L2	2017	Bluegill	C1_554PLB026L2BOG17BGL	0.07	0.26
20a	5	Isabella Lake	L1	Composite L1	2017	Largemouth Bass	C2_554PLB026L1BOG17LMB	0.11	0.41
20b	5	Isabella Lake	L2	Composite L2	2017	Largemouth Bass	C2_554PLB026L2BOG17LMB	0.11	0.63
20a	5	Isabella Lake	L1	Composite L1	2017	Threadfin Shad	C1_554PLB026L1BOG17TFS	0.06	0.20
20b	5	Isabella Lake	L2	Composite L2	2017	Threadfin Shad	C1_554PLB026L2BOG17TFS	0.07	0.68
9	5	Lake Natoma	NA	Composite	2017	Bluegill	C2_519PLN133BOG17BGL	0.06	0.59
9	5	Lake Natoma	NA	Composite	2017	Green Sunfish	C3_519PLN133BOG17GRS	0.07	0.58
9	5	Lake Natoma	NA	Composite	2017	Largemouth Bass	C2_519PLN133BOG17LMB	0.07	0.38
9	5	Lake Natoma	NA	Composite	2017	Silverside	C1_519PLN133BOG17MSS	0.07	0.72
7	5	Lake of the Pines	NA	Composite	2017	Bluegill	C1_516TP0045BOG17BGL	0.02	1.16
7	5	Lake of the Pines	NA	Composite	2017	Green Sunfish	C1_516TP0045BOG17GRS	0.03	1.31
7	5	Lake of the Pines	NA	Composite	2017	Largemouth Bass	C2_516TP0045BOG17LMB	0.03	1.48
21	5	Lake Webb	NA	Composite	2017	Bluegill	C1_557PWB010BOG17BGL	0.03	1.26
21	5	Lake Webb	NA	Composite	2017	Largemouth Bass	C2_557PWB010BOG17LMB	0.02	0.20
21	5	Lake Webb	NA	Composite	2017	Silverside	C1_557PWB010BOG17MSS	0.06	0.30
18	5	Los Banos Reservoir	NA	Composite	2017	Largemouth Bass	C2_542PLB064BOG17LMB	0.07	0.27
18	5	Los Banos Reservoir	NA	Composite	2017	Threadfin Shad	C1_542PLB064BOG17TFS	0.17	0.38
4	5	Mile Long Pond	NA	Composite	2017	Bluegill	C1_515MILGPDBOG17BGL	0.08	0.38
4	5	Mile Long Pond	NA	Composite	2017	Largemouth Bass	C2_515MILGPDBOG17LMB	0.26	0.37

Map Label	Regional Board	Station Name	Location Code	Sample Type	Sample Year	Common Name	SampleID	Mercury (µg/g ww)	Selenium (µg/g ww)
4	5	Mile Long Pond	NA	Composite	2017	Redear Sunfish	C2_515MILGPDBOG17RES	0.12	0.30
11a	5	New Hogan Lake	L1	Composite L1	2017	Bluegill	C1_533PNH089L1BOG17BGL	0.19	0.53
11b	5	New Hogan Lake	L2	Composite L2	2017	Bluegill	C1_533PNH089L2BOG17BGL	0.12	0.75
11c	5	New Hogan Lake	L3	Composite L3	2017	Bluegill	C1_533PNH089L3BOG17BGL	0.20	0.61
11a	5	New Hogan Lake	L1	Composite L1	2017	Largemouth Bass	C2_533PNH089L1BOG17LMB	0.22	0.84
11b	5	New Hogan Lake	L2	Composite L2	2017	Largemouth Bass	C2_533PNH089L2BOG17LMB	0.14	0.94
11c	5	New Hogan Lake	L3	Composite L3	2017	Largemouth Bass	C2_533PNH089L3BOG17LMB	0.27	0.61
10a	5	Pardee Reservoir	L1	Composite L1	2017	Bluegill	C1_532PPD073L1BOG17BGL	0.08	0.44
10b	5	Pardee Reservoir	L2	Composite L2	2017	Bluegill	C1_532PPD073L2BOG17BGL	0.07	0.55
10b	5	Pardee Reservoir	L2	Composite L2	2017	Green Sunfish	C1_532PPD073L2BOG17GRS	0.05	0.46
2a	5	Whiskeytown Lake	L1	Composite L1	2017	Bluegill	C1_524PWT057L1BOG17BGL	0.02	0.98
2b	5	Whiskeytown Lake	L2	Composite L2	2017	Bluegill	C1_524PWT057L2BOG17BGL	0.03	0.65
2c	5	Whiskeytown Lake	L3	Composite L3	2017	Bluegill	C1_524PWT057L3BOG17BGL	0.02	0.80
2a	5	Whiskeytown Lake	L1	Composite L1	2017	Smallmouth Bass	C2_524PWT057L1BOG17SMB	0.02	0.69
2b	5	Whiskeytown Lake	L2	Composite L2	2017	Smallmouth Bass	C2_524PWT057L2BOG17SMB	0.02	0.67
2c	5	Whiskeytown Lake	L3	Composite L3	2017	Smallmouth Bass	C2_524PWT057L3BOG17SMB	0.02	1.23
24	6	Palmdale Lake	NA	Composite	2017	Bluegill	C1_626TU0279BOG17BGL	0.01	1.26
24	6	Palmdale Lake	NA	Composite	2017	Goby	C1_626TU0279BOG17GOB	0.01	1.03
24	6	Palmdale Lake	NA	Composite	2017	Largemouth Bass	C2_626TU0279BOG17LMB	0.01	1.25
24	6	Palmdale Lake	NA	Composite	2017	Silverside	C1_626TU0279BOG17MSS	0.01	0.62
25	6	Silverwood Lake	NA	Composite	2017	Bluegill	C3_628PSW035BOG17BGL	0.07	0.08
25	6	Silverwood Lake	NA	Composite	2017	Sculpin	C1_628PSW035BOG17SCP	0.04	0.51
25	6	Silverwood Lake	NA	Composite	2017	Silverside	C1_628PSW035BOG17MSS	0.07	0.65
34	7	Ferguson Lake	NA	Composite	2017	Largemouth Bass	C2_715TF0091BOG17LMB	0.01	1.71
31	9	Laguna Niguel Park Lake (Sulph	NA	Composite	2017	Largemouth Bass	C2_901LAGNPLBOG17LMB	0.00	1.09
33	9	Lake Hodges	NA	Composite	2017	Bluegill	C1_905PLH070BOG17BGL	0.03	0.50
33	9	Lake Hodges	NA	Composite	2017	Threadfin Shad	C1_905PLH070BOG17TFS	0.04	0.55
35	9	Lake Jennings	NA	Composite	2017	Bluegill	C1_907PLJ102BOG17BGL	0.03	1.16
35	9	Lake Jennings	NA	Composite	2017	Largemouth Bass	C2_907PLJ102BOG17LMB	0.04	1.83
32	9	Lake Sutherland	NA	Composite	2017	Common Carp	C3_905PLS198BOG17CAR	0.02	0.46
32	9	Lake Sutherland	NA	Composite	2017	Largemouth Bass	C2_905PLS198BOG17LMB	0.02	1.42
32	9	Lake Sutherland	NA	Composite	2017	Threadfin Shad	C1_905PLS198BOG17TFS	0.02	1.57
30	9	Skinner Lake	NA	Composite	2017	Largemouth Bass	C2_902SKINLKBOG17LMB	0.00	0.50
							Count	106	106
							Count >= 0.05	63	
							% >=0.05	0.59	
							Mean	0.08	0.70
							Min	0.00	0.08
							Max	0.67	2.27
							Median	0.06	0.62

Appendix 3a: Sport fish results from the 2017 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 Code	Prep Preservation Name	Parameter	Result	Unit Name	Lipid Pct	Total Length Average (mm)	Number of Congeners
1	1	2017	Iron Gate Reservoir	NA	Composite	Brown Bullhead	C1_105PIG154BOG17BRB	5	FIL	Skin off	MERCURY	0.08	ug/g ww		210	
1	1	2017	Iron Gate Reservoir	NA	Composite	Brown Bullhead	C2_105PIG154BOG17BRB	5	FIL	Skin off	MERCURY	0.16	ug/g ww		219	
1	1	2017	Iron Gate Reservoir	NA	Composite	Brown Bullhead	C1_105PIG154BOG17BRB	5	FIL	Skin off	SELENIUM	0.16	ug/g ww		210	
1	1	2017	Iron Gate Reservoir	NA	Composite	Brown Bullhead	C2_105PIG154BOG17BRB	5	FIL	Skin off	SELENIUM	0.17	ug/g ww		219	
1	1	2017	Iron Gate Reservoir	NA	350 mm Length-Adjusted	Largemouth Bass	NA	11	FIL	Skin off	MERCURY	0.30	ug/g ww		350	
1	1	2017	Iron Gate Reservoir	NA	Composite	Largemouth Bass	C1_105PIG154BOG17LMB	5	FIL	Skin off	SELENIUM	0.35	ug/g ww		346	
1	1	2017	Iron Gate Reservoir	NA	Composite	Redear Sunfish	C1_105PIG154BOG17RES	5	FIL	Skin off	MERCURY	0.01	ug/g ww		113	
1	1	2017	Iron Gate Reservoir	NA	Composite	Redear Sunfish	C2_105PIG154BOG17RES	5	FIL	Skin off	MERCURY	0.03	ug/g ww		137	
1	1	2017	Iron Gate Reservoir	NA	Composite	Redear Sunfish	C1_105PIG154BOG17RES	5	FIL	Skin off	SELENIUM	0.08	ug/g ww		113	
1	1	2017	Iron Gate Reservoir	NA	Composite	Redear Sunfish	C2_105PIG154BOG17RES	5	FIL	Skin off	SELENIUM	0.08	ug/g ww		137	
5a	1	2017	Lake Pillsbury	L1	350 mm Length-Adjusted L1	Largemouth Bass	NA	11	FIL	Skin off	MERCURY	0.92	ug/g ww		350	
5b	1	2017	Lake Pillsbury	L2	350 mm Length-Adjusted L2	Largemouth Bass	NA	11	FIL	Skin off	MERCURY	0.93	ug/g ww		350	
5a	1	2017	Lake Pillsbury	L1	Composite L1	Largemouth Bass	C1_111PLP137L1BOG17LMB	5	FIL	Skin off	SELENIUM	0.43	ug/g ww		424	
5b	1	2017	Lake Pillsbury	L2	Composite L2	Largemouth Bass	C1_111PLP137L2BOG17LMB	5	FIL	Skin off	SELENIUM	0.45	ug/g ww		381	
17	2	2017	Coyote Lake	NA	Composite	Black Crappie	C1_205PCL212BOG17BCR	3	FIL	Skin off	MERCURY	0.20	ug/g ww		132	
17	2	2017	Coyote Lake	NA	Composite	Black Crappie	C2_205PCL212BOG17BCR	6	FIL	Skin off	MERCURY	0.19	ug/g ww		183	
17	2	2017	Coyote Lake	NA	Average of Individuals	Black Crappie	NA	1	FIL	Skin off	MERCURY	0.65	ug/g ww		290	
17	2	2017	Coyote Lake	NA	Composite	Black Crappie	C1_205PCL212BOG17BCR	3	FIL	Skin off	SELENIUM	0.48	ug/g ww		132	
17	2	2017	Coyote Lake	NA	Composite	Black Crappie	C2_205PCL212BOG17BCR	6	FIL	Skin off	SELENIUM	0.50	ug/g ww		183	
17	2	2017	Coyote Lake	NA	Average of Individuals	Black Crappie	NA	1	FIL	Skin off	SELENIUM	0.53	ug/g ww		290	
17	2	2017	Coyote Lake	NA	Composite	Bluegill	C1_205PCL212BOG17BGL	5	FIL	Skin off	MERCURY	0.21	ug/g ww		169	
17	2	2017	Coyote Lake	NA	Composite	Bluegill	C2_205PCL212BOG17BGL	5	FIL	Skin off	MERCURY	0.21	ug/g ww		133	
17	2	2017	Coyote Lake	NA	Composite	Bluegill	C1_205PCL212BOG17BGL	5	FIL	Skin off	SELENIUM	0.49	ug/g ww		169	
17	2	2017	Coyote Lake	NA	Composite	Bluegill	C2_205PCL212BOG17BGL	5	FIL	Skin off	SELENIUM	0.49	ug/g ww		133	
17	2	2017	Coyote Lake	NA	350 mm Length-Adjusted	Largemouth Bass	NA	11	FIL	Skin off	MERCURY	0.82	ug/g ww		350	
17	2	2017	Coyote Lake	NA	Composite	Largemouth Bass	C1_205PCL212BOG17LMB	5	FIL	Skin off	SELENIUM	0.80	ug/g ww		336	
12	2	2017	Nicasio Lake	NA	Composite	Black Crappie	C1_201PNL105BOG17BCR	4	FIL	Skin off	MERCURY	0.18	ug/g ww		170	
12	2	2017	Nicasio Lake	NA	Composite	Black Crappie	C1_201PNL105BOG17BCR	4	FIL	Skin off	PCB	0.10	ng/g ww	0.2	170	47
12	2	2017	Nicasio Lake	NA	Composite	Black Crappie	C1_201PNL105BOG17BCR	4	FIL	Skin off	SELENIUM	2.65	ug/g ww		170	
12	2	2017	Nicasio Lake	NA	350 mm Length-Adjusted	Largemouth Bass	NA	11	FIL	Skin off	MERCURY	0.42	ug/g ww		350	
12	2	2017	Nicasio Lake	NA	Composite	Largemouth Bass	C1_201PNL105BOG17LMB	5	FIL	Skin off	SELENIUM	0.45	ug/g ww		376	
13	2	2017	San Pablo Reservoir	NA	Composite	Largemouth Bass	NA	11	FIL	Skin off	MERCURY	0.60	ug/g ww		350	
13	2	2017	San Pablo Reservoir	NA	Composite	Largemouth Bass	C1_206PSP205BOG17LMB	5	FIL	Skin off	SELENIUM	0.28	ug/g ww		377	
14	2	2017	Upper San Leandro Reservoir	NA	Composite	Bluegill	C1_204TL0138BOG17BGL	5	FIL	Skin off	MERCURY	0.23	ug/g ww		266	
14	2	2017	Upper San Leandro Reservoir	NA	Composite	Bluegill	C2_204TL0138BOG17BGL	5	FIL	Skin off	MERCURY	0.26	ug/g ww		264	
14	2	2017	Upper San Leandro Reservoir	NA	Composite	Bluegill	C1_204TL0138BOG17BGL	5	FIL	Skin off	SELENIUM	0.51	ug/g ww		266	
14	2	2017	Upper San Leandro Reservoir	NA	Composite	Bluegill	C2_204TL0138BOG17BGL	5	FIL	Skin off	SELENIUM	0.61	ug/g ww		264	
14	2	2017	Upper San Leandro Reservoir	NA	350 mm Length-Adjusted	Largemouth Bass	NA	11	FIL	Skin off	MERCURY	0.84	ug/g ww		350	
14	2	2017	Upper San Leandro Reservoir	NA	Composite	Largemouth Bass	C1_204TL0138BOG17LMB	5	FIL	Skin off	SELENIUM	0.55	ug/g ww		374	
14	2	2017	Upper San Leandro Reservoir	NA	Composite	Redear Sunfish	C1_204TL0138BOG17RES	4	FIL	Skin off	MERCURY	0.06	ug/g ww		154	
14	2	2017	Upper San Leandro Reservoir	NA	Composite	Redear Sunfish	C2_204TL0138BOG17RES	6	FIL	Skin off	MERCURY	0.14	ug/g ww		228	
14	2	2017	Upper San Leandro Reservoir	NA	Composite	Redear Sunfish	C1_204TL0138BOG17RES	4	FIL	Skin off	SELENIUM	0.47	ug/g ww		154	
14	2	2017	Upper San Leandro Reservoir	NA	Composite	Redear Sunfish	C2_204TL0138BOG17RES	6	FIL	Skin off	SELENIUM	0.40	ug/g ww		228	
16	3	2017	Chesbro Reservoir	NA	350 mm Length-Adjusted	Largemouth Bass	NA	11	FIL	Skin off	MERCURY	0.97	ug/g ww		350	
16	3	2017	Chesbro Reservoir	NA	Composite	Largemouth Bass	C1_305PCB032BOG17LMB	5	FIL	Skin off	PCB	3.96	ng/g ww	0.9	417	47
16	3	2017	Chesbro Reservoir	NA	Composite	Largemouth Bass	C1_305PCB032BOG17LMB	5	FIL	Skin off	SELENIUM	0.44	ug/g ww		417	
23a	3	2017	Lake Cachuma	L1	Composite L1	Common Carp	C1_314PLC191L1BOG17CAR	5	FIL	Skin off	MERCURY	0.20	ug/g ww		533	
23b	3	2017	Lake Cachuma	L2	Composite L2	Common Carp	C1_314PLC191L2BOG17CAR	5	FIL	Skin off	MERCURY	0.18	ug/g ww		528	
23a	3	2017	Lake Cachuma	L1	Composite L1	Common Carp	C1_314PLC191L1BOG17CAR	5	FIL	Skin off	SELENIUM	1.51	ug/g ww		533	
23b	3	2017	Lake Cachuma	L2	Composite L2	Common Carp	C1_314PLC191L2BOG17CAR	5	FIL	Skin off	SELENIUM	1.85	ug/g ww		528	
23a	3	2017	Lake Cachuma	L1	350 mm Length-Adjusted L1	Largemouth Bass	NA	11	FIL	Skin off	MERCURY	0.32	ug/g ww		350	
23b	3	2017	Lake Cachuma	L2	350 mm Length-Adjusted L2	Largemouth Bass	NA	11	FIL	Skin off	MERCURY	0.19	ug/g ww		350	
23a	3	2017	Lake Cachuma	L1	Composite L1	Largemouth Bass	C1_314PLC191L1BOG17LMB	5	FIL	Skin off	SELENIUM	1.35	ug/g ww		342	
23b	3	2017	Lake Cachuma	L2	Composite L2	Largemouth Bass	C1_314PLC191L2BOG17LMB	5	FIL	Skin off	SELENIUM	1.22	ug/g ww		338	
22	3	2017	Lopez Lake	NA	350 mm Length-Adjusted	Largemouth Bass	NA	11	FIL	Skin off	MERCURY	0.14	ug/g ww		350	
22	3	2017	Lopez Lake	NA	Composite	Largemouth Bass	C1_310PLL106BOG17LMB	5	FIL	Skin off	SELENIUM	0.28	ug/g ww		366	
19	3	2017	Pinto Lake	NA	Composite	Black Crappie	C1_305PPL088BOG17BCR	5	FIL	Skin off	MERCURY	0.39	ug/g ww		377	
19	3	2017	Pinto Lake	NA	Composite	Black Crappie	C1_305PPL088BOG17BCR	5	FIL	Skin off	SELENIUM	0.19	ug/g ww		377	
19	3	2017	Pinto Lake	NA	Composite	Brown Bullhead	C1_305PPL088BOG17BRB	6	FIL	Skin off	CHLORDANE	0.00	ng/g ww		388	2
19	3	2017	Pinto Lake	NA	Composite	Brown Bullhead	C1_305PPL088BOG17BRB	6	FIL	Skin off	DDT	6.50	ng/g ww		388	6
19	3	2017	Pinto Lake	NA	Composite	Brown Bullhead	C1_305PPL088BOG17BRB	6	FIL	Skin off	DIELDIN	0.00	ng/g ww		388	
19	3	2017	Pinto Lake	NA	Composite	Brown Bullhead	C1_305PPL088BOG17BRB	6	FIL	Skin off	MERCURY	0.03	ug/g ww		388	

Map Label	Regional Board	Sample Year	Station Name	Location Code	Sample Type	Common Name	SampleID	Number Of Fish In Sample	Tissue Code	Prep Preservation Name	Parameter	Result	Unit Name	Lipid Pct	Total Length Average (mm)	Number of Congeners
19	3	2017	Pinto Lake	NA	Composite	Brown Bullhead	C1_305PPL088BOG17BRB	6	FIL	Skin off	SELENIUM	0.08	ug/g ww		388	
19	3	2017	Pinto Lake	NA	350 mm Length-Adjusted	Largemouth Bass	NA	11	FIL	Skin off	MERCURY	0.22	ug/g ww		350	
19	3	2017	Pinto Lake	NA	Composite	Largemouth Bass	C1_305PPL088BOG17LMB	5	FIL	Skin off	SELENIUM	0.19	ug/g ww		357	
29	4	2017	Alondra Park Lake	NA	Composite	Bluegill	C1_411PAP023BOG17BGL	10	FIL	Skin off	MERCURY	0.04	ug/g ww		123	
29	4	2017	Alondra Park Lake	NA	Composite	Bluegill	C1_411PAP023BOG17BGL	10	FIL	Skin off	PCB	1.37	ng/g ww		123	47
29	4	2017	Alondra Park Lake	NA	Composite	Bluegill	C1_411PAP023BOG17BGL	10	FIL	Skin off	SELENIUM	0.45	ug/g ww		123	
29	4	2017	Alondra Park Lake	NA	350 mm Length-Adjusted	Largemouth Bass	NA	11	FIL	Skin off	MERCURY	0.20	ug/g ww		350	
29	4	2017	Alondra Park Lake	NA	Composite	Largemouth Bass	C1_411PAP023BOG17LMB	5	FIL	Skin off	SELENIUM	0.70	ug/g ww		347	
28	4	2017	Magic Johnson Lakes	NA	Composite	Bluegill	C1_412MGJSLKBOG17BGL	6	FIL	Skin off	MERCURY	0.08	ug/g ww		129	
28	4	2017	Magic Johnson Lakes	NA	Composite	Bluegill	C1_412MGJSLKBOG17BGL	6	FIL	Skin off	SELENIUM	0.08	ug/g ww		129	
28	4	2017	Magic Johnson Lakes	NA	350 mm Length-Adjusted	Largemouth Bass	NA	11	FIL	Skin off	MERCURY	0.71	ug/g ww		350	
28	4	2017	Magic Johnson Lakes	NA	Composite	Largemouth Bass	C1_412MGJSLKBOG17LMB	5	FIL	Skin off	PCB	7.65	ng/g ww		332	47
28	4	2017	Magic Johnson Lakes	NA	Composite	Largemouth Bass	C1_412MGJSLKBOG17LMB	5	FIL	Skin off	SELENIUM	0.08	ug/g ww		332	
27	4	2017	Wilderness Park Lake	NA	Composite	Bluegill	C1_405DOWILDBOG17BGL	4	FIL	Skin off	MERCURY	0.01	ug/g ww		138	
27	4	2017	Wilderness Park Lake	NA	Composite	Bluegill	C1_405DOWILDBOG17BGL	4	FIL	Skin off	SELENIUM	0.39	ug/g ww		138	
27	4	2017	Wilderness Park Lake	NA	Composite	Common Carp	C1_405DOWILDBOG17CAR	4	FIL	Skin off	MERCURY	0.00	ug/g ww		405	
27	4	2017	Wilderness Park Lake	NA	Composite	Common Carp	C1_405DOWILDBOG17CAR	4	FIL	Skin off	SELENIUM	0.35	ug/g ww		405	
3	5	2017	Butte Lake	NA	350 mm Length-Adjusted	Largemouth Bass	NA	11	FIL	Skin off	MERCURY	0.54	ug/g ww		350	
3	5	2017	Butte Lake	NA	Composite	Largemouth Bass	C1_526PBL114BOG17LMB	5	FIL	Skin off	SELENIUM	0.82	ug/g ww		382	
6	5	2017	Collins Lake	NA	Composite	Black Crappie	C1_517PCL005BOG17BCR	5	FIL	Skin off	MERCURY	0.30	ug/g ww		188	
6	5	2017	Collins Lake	NA	Composite	Black Crappie	C2_517PCL005BOG17BCR	5	FIL	Skin off	MERCURY	0.43	ug/g ww		247	
6	5	2017	Collins Lake	NA	Composite	Black Crappie	C1_517PCL005BOG17BCR	5	FIL	Skin off	SELENIUM	0.48	ug/g ww		188	
6	5	2017	Collins Lake	NA	Composite	Black Crappie	C2_517PCL005BOG17BCR	5	FIL	Skin off	SELENIUM	0.75	ug/g ww		247	
6	5	2017	Collins Lake	NA	350 mm Length-Adjusted	Largemouth Bass	NA	11	FIL	Skin off	MERCURY	0.51	ug/g ww		350	
6	5	2017	Collins Lake	NA	Composite	Largemouth Bass	C1_517PCL005BOG17LMB	5	FIL	Skin off	SELENIUM	0.67	ug/g ww		387	
6	5	2017	Collins Lake	NA	Composite	Redear Sunfish	C1_517PCL005BOG17RES	10	FIL	Skin off	MERCURY	0.18	ug/g ww		145	
6	5	2017	Collins Lake	NA	Composite	Redear Sunfish	C1_517PCL005BOG17RES	10	FIL	Skin off	SELENIUM	0.36	ug/g ww		145	
6	5	2017	Collins Lake	NA	Composite	White Catfish	C1_517PCL005BOG17WHC	3	FIL	Skin off	MERCURY	0.36	ug/g ww		368	
6	5	2017	Collins Lake	NA	Composite	White Catfish	C1_517PCL005BOG17WHC	3	FIL	Skin off	SELENIUM	0.08	ug/g ww		368	
8	5	2017	Davis Creek Reservoir	NA	Composite	Bluegill	C1_513DAVSCRBOG17BGL	10	FIL	Skin off	MERCURY	1.04	ug/g ww		182	
8	5	2017	Davis Creek Reservoir	NA	Composite	Bluegill	C1_513DAVSCRBOG17BGL	10	FIL	Skin off	PCB	0.00	ng/g ww	0.4	182	47
8	5	2017	Davis Creek Reservoir	NA	Composite	Bluegill	C1_513DAVSCRBOG17BGL	10	FIL	Skin off	SELENIUM	0.74	ug/g ww		182	
8	5	2017	Davis Creek Reservoir	NA	350 mm Length-Adjusted	Largemouth Bass	NA	11	FIL	Skin off	MERCURY	1.52	ug/g ww		350	
8	5	2017	Davis Creek Reservoir	NA	Composite	Largemouth Bass	C1_513DAVSCRBOG17LMB	5	FIL	Skin off	PCB	0.00	ng/g ww	0.2	408	47
8	5	2017	Davis Creek Reservoir	NA	Composite	Largemouth Bass	C1_513DAVSCRBOG17LMB	5	FIL	Skin off	SELENIUM	0.55	ug/g ww		408	
15a	5	2017	Hensley Lake	L1	Composite L1	Bluegill	C1_539PHL082L1BOG17BGL	5	FIL	Skin off	MERCURY	0.28	ug/g ww		123	
15a	5	2017	Hensley Lake	L1	Composite L1	Bluegill	C1_539PHL082L1BOG17BGL	5	FIL	Skin off	SELENIUM	0.47	ug/g ww		123	
15b	5	2017	Hensley Lake	L2	Composite L2	Bluegill	C1_539PHL082L2BOG17BGL	5	FIL	Skin off	SELENIUM	0.24	ug/g ww		117	
15c	5	2017	Hensley Lake	NA	Composite	Channel Catfish	C1_539PHL082BOG17CHC	6	FIL	Skin off	MERCURY	0.46	ug/g ww		611	
15c	5	2017	Hensley Lake	NA	Composite	Channel Catfish	C1_539PHL082BOG17CHC	6	FIL	Skin off	SELENIUM	0.18	ug/g ww		611	
15a	5	2017	Hensley Lake	L1	Composite L1	Crappie	C1_539PHL082L1BOG17BCR	6	FIL	Skin off	MERCURY	0.40	ug/g ww		163	
15b	5	2017	Hensley Lake	L2	Composite L2	Crappie	C1_539PHL082L2BOG17BCR	5	FIL	Skin off	MERCURY	0.27	ug/g ww		149	
15a	5	2017	Hensley Lake	L1	Composite L1	Crappie	C1_539PHL082L1BOG17BCR	6	FIL	Skin off	SELENIUM	0.42	ug/g ww		163	
15b	5	2017	Hensley Lake	L2	Composite L2	Crappie	C1_539PHL082L2BOG17BCR	5	FIL	Skin off	SELENIUM	0.31	ug/g ww		149	
15a	5	2017	Hensley Lake	L1	350 mm Length-Adjusted L1	Largemouth Bass	NA	8	FIL	Skin off	MERCURY	0.70	ug/g ww		350	
15b	5	2017	Hensley Lake	L2	350 mm Length-Adjusted L2	Largemouth Bass	NA	11	FIL	Skin off	MERCURY	0.79	ug/g ww		350	
15a	5	2017	Hensley Lake	L1	Composite L1	Largemouth Bass	C1_539PHL082L1BOG17LMB	3	FIL	Skin off	SELENIUM	0.52	ug/g ww		411	
15b	5	2017	Hensley Lake	L2	Composite L2	Largemouth Bass	C1_539PHL082L2BOG17LMB	5	FIL	Skin off	SELENIUM	0.31	ug/g ww		335	
15a	5	2017	Hensley Lake	L1	Composite L1	Pumpkinseed	C1_539PHL082L1BOG17PKS	5	FIL	Skin off	MERCURY	0.35	ug/g ww		174	
15b	5	2017	Hensley Lake	L2	Composite L2	Pumpkinseed	C1_539PHL082L2BOG17PKS	3	FIL	Skin off	MERCURY	0.31	ug/g ww		168	
15a	5	2017	Hensley Lake	L1	Composite L1	Pumpkinseed	C1_539PHL082L1BOG17PKS	5	FIL	Skin off	SELENIUM	0.47	ug/g ww		174	
15b	5	2017	Hensley Lake	L2	Composite L2	Pumpkinseed	C1_539PHL082L2BOG17PKS	3	FIL	Skin off	SELENIUM	0.44	ug/g ww		168	
20c	5	2017	Isabella Lake	NA	Composite	Channel Catfish	C1_554PLB026BOG17CHC	4	FIL	Skin off	CHLORDANE	0.00	ng/g ww		468	2
20c	5	2017	Isabella Lake	NA	Composite	Channel Catfish	C1_554PLB026BOG17CHC	4	FIL	Skin off	DDT	4.50	ng/g ww		468	6
20c	5	2017	Isabella Lake	NA	Composite	Channel Catfish	C1_554PLB026BOG17CHC	4	FIL	Skin off	DIELDRIN	0.00	ng/g ww		468	
20c	5	2017	Isabella Lake	NA	Composite	Channel Catfish	C1_554PLB026BOG17CHC	4	FIL	Skin off	MERCURY	0.15	ug/g ww		468	
20c	5	2017	Isabella Lake	NA	Composite	Channel Catfish	C1_554PLB026BOG17CHC	4	FIL	Skin off	PCB	0.67	ng/g ww		468	47
20c	5	2017	Isabella Lake	NA	Composite	Channel Catfish	C1_554PLB026BOG17CHC	4	FIL	Skin off	SELENIUM	0.19	ug/g ww		468	
20a	5	2017	Isabella Lake	L1	350 mm Length-Adjusted L1	Largemouth Bass	NA	11	FIL	Skin off	MERCURY	0.29	ug/g ww		350	
20b	5	2017	Isabella Lake	L2	350 mm Length-Adjusted L2	Largemouth Bass	NA	11	FIL	Skin off	MERCURY	0.37	ug/g ww		350	
20a	5	2017	Isabella Lake	L1	Composite L1	Largemouth Bass	C1_554PLB026L1BOG17LMB	5	FIL	Skin off	SELENIUM	0.29	ug/g ww		360	
20b	5	2017	Isabella Lake	L2	Composite L2	Largemouth Bass	C1_554PLB026L2BOG17LMB	5	FIL	Skin off	SELENIUM	0.39	ug/g ww		335	

Map Label	Regional Board	Sample Year	Station Name	Location Code	Sample Type	Common Name	SampleID	Number Of Fish In Sample	Tissue Code	Prep Preservation Name	Parameter	Result	Unit Name	Lipid Pct	Total Length Average (mm)	Number of Congeners
9	5	2017	Lake Natoma	NA	Composite	Bluegill	C1_519PLN133BOG17BGL	10	FIL	Skin off	MERCURY	0.13	ug/g ww		113	
9	5	2017	Lake Natoma	NA	Composite	Bluegill	C1_519PLN133BOG17BGL	10	FIL	Skin off	SELENIUM	0.43	ug/g ww		113	
9	5	2017	Lake Natoma	NA	Composite	Green Sunfish	C1_519PLN133BOG17GRS	5	FIL	Skin off	MERCURY	0.17	ug/g ww		121	
9	5	2017	Lake Natoma	NA	Composite	Green Sunfish	C2_519PLN133BOG17GRS	5	FIL	Skin off	MERCURY	0.25	ug/g ww		150	
9	5	2017	Lake Natoma	NA	Composite	Green Sunfish	C1_519PLN133BOG17GRS	5	FIL	Skin off	SELENIUM	0.27	ug/g ww		121	
9	5	2017	Lake Natoma	NA	Composite	Green Sunfish	C2_519PLN133BOG17GRS	5	FIL	Skin off	SELENIUM	0.34	ug/g ww		150	
9	5	2017	Lake Natoma	NA	350 mm Length-Adjusted	Largemouth Bass	NA	11	FIL	Skin off	MERCURY	0.56	ug/g ww		350	
9	5	2017	Lake Natoma	NA	Composite	Largemouth Bass	C1_519PLN133BOG17LMB	4	FIL	Skin off	SELENIUM	0.35	ug/g ww		379	
9	5	2017	Lake Natoma	NA	Composite	Sacramento Sucker	C1_519PLN133BOG17SAS	5	FIL	Skin off	MERCURY	0.25	ug/g ww		467	
9	5	2017	Lake Natoma	NA	Composite	Sacramento Sucker	C2_519PLN133BOG17SAS	5	FIL	Skin off	MERCURY	0.28	ug/g ww		520	
9	5	2017	Lake Natoma	NA	Lake-wide Composite	Sacramento Sucker	SC_519PLN133BOG17SAS	10	FIL	Skin off	PCB	1.33	ng/g ww	0.7	493	47
9	5	2017	Lake Natoma	NA	Composite	Sacramento Sucker	C1_519PLN133BOG17SAS	5	FIL	Skin off	SELENIUM	0.29	ug/g ww		467	
9	5	2017	Lake Natoma	NA	Composite	Sacramento Sucker	C2_519PLN133BOG17SAS	5	FIL	Skin off	SELENIUM	0.33	ug/g ww		520	
7	5	2017	Lake of the Pines	NA	350 mm Length-Adjusted	Largemouth Bass	NA	11	FIL	Skin off	MERCURY	0.12	ug/g ww		350	
7	5	2017	Lake of the Pines	NA	Composite	Largemouth Bass	C1_516TP0045BOG17LMB	5	FIL	Skin off	SELENIUM	0.29	ug/g ww		365	
7	5	2017	Lake of the Pines	NA	Composite	Redear Sunfish	C1_516TP0045BOG17RES	10	FIL	Skin off	MERCURY	0.02	ug/g ww		121	
7	5	2017	Lake of the Pines	NA	Composite	Redear Sunfish	C1_516TP0045BOG17RES	10	FIL	Skin off	SELENIUM	0.62	ug/g ww		121	
21	5	2017	Lake Webb	NA	Composite	Channel Catfish	C1_557PW010BOG17CHC	5	FIL	Skin off	MERCURY	0.13	ug/g ww		367	
21	5	2017	Lake Webb	NA	Composite	Channel Catfish	C2_557PW010BOG17CHC	5	FIL	Skin off	MERCURY	0.08	ug/g ww		257	
21	5	2017	Lake Webb	NA	Composite	Channel Catfish	C1_557PW010BOG17CHC	5	FIL	Skin off	PCB	2.98	ng/g ww		367	47
21	5	2017	Lake Webb	NA	Composite	Channel Catfish	C1_557PW010BOG17CHC	5	FIL	Skin off	SELENIUM	0.33	ug/g ww		367	
21	5	2017	Lake Webb	NA	Composite	Channel Catfish	C2_557PW010BOG17CHC	5	FIL	Skin off	SELENIUM	1.62	ug/g ww		257	
21	5	2017	Lake Webb	NA	350 mm Length-Adjusted	Largemouth Bass	NA	11	FIL	Skin off	MERCURY	0.30	ug/g ww		350	
21	5	2017	Lake Webb	NA	Composite	Largemouth Bass	C1_557PW010BOG17LMB	5	FIL	Skin off	SELENIUM	0.58	ug/g ww		345	
18	5	2017	Los Banos Reservoir	NA	Composite	Common Carp	C1_542PLB064BOG17CAR	5	FIL	Skin off	CHLORDANE	0.00	ng/g ww	2.9	633	2
18	5	2017	Los Banos Reservoir	NA	Composite	Common Carp	C1_542PLB064BOG17CAR	5	FIL	Skin off	DDT	12.00	ng/g ww	2.9	633	6
18	5	2017	Los Banos Reservoir	NA	Composite	Common Carp	C1_542PLB064BOG17CAR	5	FIL	Skin off	DIELDRIN	0.00	ng/g ww	2.9	633	
18	5	2017	Los Banos Reservoir	NA	Composite	Common Carp	C1_542PLB064BOG17CAR	5	FIL	Skin off	MERCURY	0.37	ug/g ww		633	
18	5	2017	Los Banos Reservoir	NA	Composite	Common Carp	C2_542PLB064BOG17CAR	5	FIL	Skin off	MERCURY	0.28	ug/g ww		499	
18	5	2017	Los Banos Reservoir	NA	Composite	Common Carp	C1_542PLB064BOG17CAR	5	FIL	Skin off	SELENIUM	0.48	ug/g ww		633	
18	5	2017	Los Banos Reservoir	NA	Composite	Common Carp	C2_542PLB064BOG17CAR	5	FIL	Skin off	SELENIUM	0.20	ug/g ww		499	
18	5	2017	Los Banos Reservoir	NA	350 mm Length-Adjusted	Largemouth Bass	NA	11	FIL	Skin off	MERCURY	0.97	ug/g ww		350	
18	5	2017	Los Banos Reservoir	NA	Composite	Largemouth Bass	C1_542PLB064BOG17LMB	5	FIL	Skin off	SELENIUM	0.41	ug/g ww		357	
18	5	2017	Los Banos Reservoir	NA	Composite	Redear Sunfish	C1_542PLB064BOG17RES	6	FIL	Skin off	MERCURY	0.13	ug/g ww		163	
18	5	2017	Los Banos Reservoir	NA	Composite	Redear Sunfish	C2_542PLB064BOG17RES	4	FIL	Skin off	MERCURY	0.29	ug/g ww		215	
18	5	2017	Los Banos Reservoir	NA	Composite	Redear Sunfish	C1_542PLB064BOG17RES	6	FIL	Skin off	SELENIUM	0.32	ug/g ww		163	
18	5	2017	Los Banos Reservoir	NA	Composite	Redear Sunfish	C2_542PLB064BOG17RES	4	FIL	Skin off	SELENIUM	0.48	ug/g ww		215	
4	5	2017	Mile Long Pond	NA	Composite	Common Carp	C1_515MILGPD8OG17CAR	5	FIL	Skin off	MERCURY	0.16	ug/g ww		434	
4	5	2017	Mile Long Pond	NA	Composite	Common Carp	C2_515MILGPD8OG17CAR	5	FIL	Skin off	MERCURY	0.27	ug/g ww		577	
4	5	2017	Mile Long Pond	NA	Composite	Common Carp	C2_515MILGPD8OG17CAR	5	FIL	Skin off	PCB	2.32	ng/g ww	0.5	577	47
4	5	2017	Mile Long Pond	NA	Composite	Common Carp	C1_515MILGPD8OG17CAR	5	FIL	Skin off	SELENIUM	0.08	ug/g ww		434	
4	5	2017	Mile Long Pond	NA	Composite	Common Carp	C2_515MILGPD8OG17CAR	5	FIL	Skin off	SELENIUM	0.26	ug/g ww		577	
4	5	2017	Mile Long Pond	NA	350 mm Length-Adjusted	Largemouth Bass	NA	11	FIL	Skin off	MERCURY	0.39	ug/g ww		350	
4	5	2017	Mile Long Pond	NA	Composite	Largemouth Bass	C1_515MILGPD8OG17LMB	5	FIL	Skin off	SELENIUM	0.21	ug/g ww		383	
4	5	2017	Mile Long Pond	NA	Composite	Redear Sunfish	C1_515MILGPD8OG17RES	10	FIL	Skin off	MERCURY	0.18	ug/g ww		123	
4	5	2017	Mile Long Pond	NA	Composite	Redear Sunfish	C1_515MILGPD8OG17RES	10	FIL	Skin off	PCB	0.00	ng/g ww	0.4	123	47
4	5	2017	Mile Long Pond	NA	Composite	Redear Sunfish	C1_515MILGPD8OG17RES	10	FIL	Skin off	SELENIUM	0.53	ug/g ww		123	
11a	5	2017	New Hogan Lake	L1	350 mm Length-Adjusted L1	Largemouth Bass	NA	11	FIL	Skin off	MERCURY	0.61	ug/g ww		350	
11b	5	2017	New Hogan Lake	L2	350 mm Length-Adjusted L2	Largemouth Bass	NA	11	FIL	Skin off	MERCURY	0.55	ug/g ww		350	
11c	5	2017	New Hogan Lake	L3	350 mm Length-Adjusted L3	Largemouth Bass	NA	11	FIL	Skin off	MERCURY	0.66	ug/g ww		350	
11a	5	2017	New Hogan Lake	L1	Composite L1	Largemouth Bass	C1_533PNH089L1BOG17LM	5	FIL	Skin off	SELENIUM	0.55	ug/g ww		408	
11b	5	2017	New Hogan Lake	L2	Composite L2	Largemouth Bass	C1_533PNH089L2BOG17LM	5	FIL	Skin off	SELENIUM	0.61	ug/g ww		363	
11c	5	2017	New Hogan Lake	L3	Composite L3	Largemouth Bass	C1_533PNH089L3BOG17LM	5	FIL	Skin off	SELENIUM	0.61	ug/g ww		384	
10a	5	2017	Pardee Reservoir	L1	350 mm Length-Adjusted L1	Largemouth Bass	NA	11	FIL	Skin off	MERCURY	0.43	ug/g ww		350	
10b	5	2017	Pardee Reservoir	L2	350 mm Length-Adjusted L2	Largemouth Bass	NA	11	FIL	Skin off	MERCURY	0.37	ug/g ww		350	
10a	5	2017	Pardee Reservoir	L1	Composite L1	Largemouth Bass	C1_532PPD073L1BOG17LM	5	FIL	Skin off	SELENIUM	0.39	ug/g ww		369	
10b	5	2017	Pardee Reservoir	L2	Composite L2	Largemouth Bass	C1_532PPD073L2BOG17LM	5	FIL	Skin off	SELENIUM	0.30	ug/g ww		382	
2a	5	2017	Whiskeytown Lake	L1	350 mm Length-Adjusted L1	Smallmouth Bass	NA	11	FIL	Skin off	MERCURY	0.24	ug/g ww		350	
2b	5	2017	Whiskeytown Lake	L2	350 mm Length-Adjusted L2	Smallmouth Bass	NA	11	FIL	Skin off	MERCURY	0.17	ug/g ww		350	
2c	5	2017	Whiskeytown Lake	L3	350 mm Length-Adjusted L3	Smallmouth Bass	NA	11	FIL	Skin off	MERCURY	0.14	ug/g ww		350	
2a	5	2017	Whiskeytown Lake	L1	Composite L1	Smallmouth Bass	C1_524PWT057L1BOG17SM	5	FIL	Skin off	SELENIUM	0.69	ug/g ww		379	
2b	5	2017	Whiskeytown Lake	L2	Composite L2	Smallmouth Bass	C1_524PWT057L2BOG17SM	5	FIL	Skin off	SELENIUM	0.53	ug/g ww		391	

Map Label	Regional Board	Sample Year	Station Name	Location Code	Sample Type	Common Name	SampleID	Number Of Fish In Sample	Tissue Code	Prep Preservation Name	Parameter	Result	Unit Name	Lipid Pct	Total Length Average (mm)	Number of Congeners
2c	5	2017	Whiskeytown Lake	L3	Composite L3	Smallmouth Bass	C1_524PWT057L3BOG17SM	2	FIL	Skin off	SELENIUM	0.52	ug/g ww		329	
24	6	2017	Palmdale Lake	NA	350 mm Length-Adjusted	Largemouth Bass	NA	11	FIL	Skin off	MERCURY	0.12	ug/g ww		350	
24	6	2017	Palmdale Lake	NA	Composite	Largemouth Bass	C1_626TU0279BOG17LMB	5	FIL	Skin off	SELENIUM	0.42	ug/g ww		399	
25	6	2017	Silverwood Lake	NA	Composite	Bluegill	C1_628PSW035BOG17BGL	5	FIL	Skin off	MERCURY	0.11	ug/g ww		163	
25	6	2017	Silverwood Lake	NA	Composite	Bluegill	C2_628PSW035BOG17BGL	4	FIL	Skin off	MERCURY	0.13	ug/g ww		135	
25	6	2017	Silverwood Lake	NA	Composite	Bluegill	C1_628PSW035BOG17BGL	5	FIL	Skin off	SELENIUM	0.31	ug/g ww		163	
25	6	2017	Silverwood Lake	NA	Composite	Bluegill	C2_628PSW035BOG17BGL	4	FIL	Skin off	SELENIUM	2.95	ug/g ww		135	
25	6	2017	Silverwood Lake	NA	Composite	Brown Bullhead	C1_628PSW035BOG17BRB	6	FIL	Skin off	MERCURY	0.70	ug/g ww		329	
25	6	2017	Silverwood Lake	NA	Composite	Brown Bullhead	C1_628PSW035BOG17BRB	6	FIL	Skin off	PCB	136.80	ng/g ww		329	47
25	6	2017	Silverwood Lake	NA	Composite	Brown Bullhead	C1_628PSW035BOG17BRB	6	FIL	Skin off	SELENIUM	2.99	ug/g ww		329	
25	6	2017	Silverwood Lake	NA	Composite	Channel Catfish	C1_628PSW035BOG17CHC	5	FIL	Skin off	MERCURY	0.25	ug/g ww		527	
25	6	2017	Silverwood Lake	NA	Composite	Channel Catfish	C2_628PSW035BOG17CHC	4	FIL	Skin off	MERCURY	0.23	ug/g ww		468	
25	6	2017	Silverwood Lake	NA	Lake-wide Composite	Channel Catfish	SC_628PSW035BOG17CHC	9	FIL	Skin off	PCB	79.97	ng/g ww		501	47
25	6	2017	Silverwood Lake	NA	Composite	Channel Catfish	C1_628PSW035BOG17CHC	5	FIL	Skin off	SELENIUM	1.42	ug/g ww		527	
25	6	2017	Silverwood Lake	NA	Composite	Channel Catfish	C2_628PSW035BOG17CHC	4	FIL	Skin off	SELENIUM	0.50	ug/g ww		468	
25	6	2017	Silverwood Lake	NA	Composite	Common Carp	C1_628PSW035BOG17CAR	3	FIL	Skin off	MERCURY	0.14	ug/g ww		547	
25	6	2017	Silverwood Lake	NA	Composite	Common Carp	C1_628PSW035BOG17CAR	3	FIL	Skin off	SELENIUM	0.24	ug/g ww		547	
25	6	2017	Silverwood Lake	NA	350 mm Length-Adjusted	Largemouth Bass	NA	11	FIL	Skin off	MERCURY	0.61	ug/g ww		350	
25	6	2017	Silverwood Lake	NA	Composite	Largemouth Bass	C1_628PSW035BOG17LMB	5	FIL	Skin off	SELENIUM	0.47	ug/g ww		379	
25	6	2017	Silverwood Lake	NA	Composite	Sacramento Blackfish	C1_628PSW035BOG17SBF	2	FIL	Skin off	MERCURY	0.83	ug/g ww		495	
25	6	2017	Silverwood Lake	NA	Composite	Sacramento Blackfish	C1_628PSW035BOG17SBF	2	FIL	Skin off	SELENIUM	0.75	ug/g ww		495	
25	6	2017	Silverwood Lake	NA	Average of Individuals	Striped Bass	NA	3	FIL	Skin off	MERCURY	0.53	ug/g ww		483	
25	6	2017	Silverwood Lake	NA	Composite	Striped Bass	C1_628PSW035BOG17STB	3	FIL	Skin off	SELENIUM	0.56	ug/g ww		483	
34	7	2017	Ferguson Lake	NA	350 mm Length-Adjusted	Largemouth Bass	NA	11	FIL	Skin off	MERCURY	0.08	ug/g ww		350	
34	7	2017	Ferguson Lake	NA	Composite	Largemouth Bass	C1_715TF0091BOG17LMB	5	FIL	Skin off	SELENIUM	1.97	ug/g ww		370	
26	8	2017	Lake Evans	NA	Average of Individuals	Brown Bullhead	NA	8	FIL	Skin off	MERCURY	0.03	ug/g ww		275	
26	8	2017	Lake Evans	NA	Composite	Brown Bullhead	C1_801PEL155BOG17BRB	8	FIL	Skin off	PCB	0.00	ng/g ww		275	47
26	8	2017	Lake Evans	NA	Composite	Brown Bullhead	C1_801PEL155BOG17BRB	8	FIL	Skin off	SELENIUM	0.21	ug/g ww		275	
31	9	2017	Laguna Niguel Park Lake (Sulph)	NA	Composite	Bluegill	C1_901LAGNPLBOG17BGL	6	FIL	Skin off	MERCURY	0.01	ug/g ww		193	
31	9	2017	Laguna Niguel Park Lake (Sulph)	NA	Composite	Bluegill	C2_901LAGNPLBOG17BGL	4	FIL	Skin off	MERCURY	0.00	ug/g ww		147	
31	9	2017	Laguna Niguel Park Lake (Sulph)	NA	Composite	Bluegill	C1_901LAGNPLBOG17BGL	6	FIL	Skin off	PCB	0.14	ng/g ww		193	47
31	9	2017	Laguna Niguel Park Lake (Sulph)	NA	Composite	Bluegill	C1_901LAGNPLBOG17BGL	6	FIL	Skin off	SELENIUM	1.01	ug/g ww		193	
31	9	2017	Laguna Niguel Park Lake (Sulph)	NA	Composite	Bluegill	C2_901LAGNPLBOG17BGL	4	FIL	Skin off	SELENIUM	0.66	ug/g ww		147	
31	9	2017	Laguna Niguel Park Lake (Sulph)	NA	Composite	Common Carp	C1_901LAGNPLBOG17CAR	5	FIL	Skin off	MERCURY	0.00	ug/g ww		741	
31	9	2017	Laguna Niguel Park Lake (Sulph)	NA	Composite	Common Carp	C2_901LAGNPLBOG17CAR	5	FIL	Skin off	MERCURY	0.00	ug/g ww		681	
31	9	2017	Laguna Niguel Park Lake (Sulph)	NA	Composite	Common Carp	C1_901LAGNPLBOG17CAR	5	FIL	Skin off	PCB	18.04	ng/g ww		741	47
31	9	2017	Laguna Niguel Park Lake (Sulph)	NA	Composite	Common Carp	C1_901LAGNPLBOG17CAR	5	FIL	Skin off	SELENIUM	1.00	ug/g ww		741	
31	9	2017	Laguna Niguel Park Lake (Sulph)	NA	Composite	Common Carp	C2_901LAGNPLBOG17CAR	5	FIL	Skin off	SELENIUM	0.92	ug/g ww		681	
31	9	2017	Laguna Niguel Park Lake (Sulph)	NA	350 mm Length-Adjusted	Largemouth Bass	NA	11	FIL	Skin off	MERCURY	0.05	ug/g ww		350	
31	9	2017	Laguna Niguel Park Lake (Sulph)	NA	Composite	Largemouth Bass	C1_901LAGNPLBOG17LMB	5	FIL	Skin off	SELENIUM	1.00	ug/g ww		360	
33	9	2017	Lake Hodges	NA	Composite	Channel Catfish	C1_905PLH070BOG17CHC	5	FIL	Skin off	MERCURY	0.04	ug/g ww		547	
33	9	2017	Lake Hodges	NA	Composite	Channel Catfish	C2_905PLH070BOG17CHC	5	FIL	Skin off	MERCURY	0.03	ug/g ww		428	
33	9	2017	Lake Hodges	NA	Composite	Channel Catfish	C1_905PLH070BOG17CHC	5	FIL	Skin off	PCB	0.58	ng/g ww		547	47
33	9	2017	Lake Hodges	NA	Composite	Channel Catfish	C1_905PLH070BOG17CHC	5	FIL	Skin off	SELENIUM	0.34	ug/g ww		547	
33	9	2017	Lake Hodges	NA	Composite	Channel Catfish	C2_905PLH070BOG17CHC	5	FIL	Skin off	SELENIUM	0.26	ug/g ww		428	
33	9	2017	Lake Hodges	NA	350 mm Length-Adjusted	Largemouth Bass	NA	11	FIL	Skin off	MERCURY	0.12	ug/g ww		350	
33	9	2017	Lake Hodges	NA	Composite	Largemouth Bass	C1_905PLH070BOG17LMB	5	FIL	Skin off	SELENIUM	0.40	ug/g ww		350	
35	9	2017	Lake Jennings	NA	Composite	Black Crappie	C1_907PLJ102BOG17BCR	9	FIL	Skin off	MERCURY	0.04	ug/g ww		165	
35	9	2017	Lake Jennings	NA	Composite	Black Crappie	C1_907PLJ102BOG17BCR	9	FIL	Skin off	PCB	0.00	ng/g ww		165	47
35	9	2017	Lake Jennings	NA	Composite	Black Crappie	C1_907PLJ102BOG17BCR	9	FIL	Skin off	SELENIUM	1.67	ug/g ww		165	
35	9	2017	Lake Jennings	NA	350 mm Length-Adjusted	Largemouth Bass	NA	11	FIL	Skin off	MERCURY	0.22	ug/g ww		350	
35	9	2017	Lake Jennings	NA	Composite	Largemouth Bass	C1_907PLJ102BOG17LMB	5	FIL	Skin off	PCB	0.49	ng/g ww		332	47
35	9	2017	Lake Jennings	NA	Composite	Largemouth Bass	C1_907PLJ102BOG17LMB	5	FIL	Skin off	SELENIUM	2.05	ug/g ww		332	
32	9	2017	Lake Sutherland	NA	Composite	Bluegill	C1_905PLS198BOG17BGL	8	FIL	Skin off	MERCURY	0.02	ug/g ww		158	
32	9	2017	Lake Sutherland	NA	Composite	Bluegill	C1_905PLS198BOG17BGL	8	FIL	Skin off	PCB	0.00	ng/g ww		158	47
32	9	2017	Lake Sutherland	NA	Composite	Bluegill	C1_905PLS198BOG17BGL	8	FIL	Skin off	SELENIUM	0.97	ug/g ww		158	
32	9	2017	Lake Sutherland	NA	Composite	Common Carp	C1_905PLS198BOG17CAR	5	FIL	Skin off	MERCURY	0.10	ug/g ww		478	
32	9	2017	Lake Sutherland	NA	Composite	Common Carp	C2_905PLS198BOG17CAR	5	FIL	Skin off	MERCURY	0.08	ug/g ww		450	
32	9	2017	Lake Sutherland	NA	Composite	Common Carp	C1_905PLS198BOG17CAR	5	FIL	Skin off	PCB	0.00	ng/g ww		478	47
32	9	2017	Lake Sutherland	NA	Composite	Common Carp	C1_905PLS198BOG17CAR	5	FIL	Skin off	SELENIUM	0.87	ug/g ww		478	
32	9	2017	Lake Sutherland	NA	Composite	Common Carp	C2_905PLS198BOG17CAR	5	FIL	Skin off	SELENIUM	0.35	ug/g ww		450	
32	9	2017	Lake Sutherland	NA	350 mm Length-Adjusted	Largemouth Bass	NA	11	FIL	Skin off	MERCURY	0.17	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 Code	Prep Preservation Name	Parameter	Result	Unit Name	Lipid Pct	Total Length Average (mm)	Number of Congeners
32	9	2017	Lake Sutherland	NA	Composite	Largemouth Bass	C1_905PLS198BOG17LMB	5	FIL	Skin off	SELENIUM	0.73	ug/g ww		363	
30	9	2017	Skinner Lake	NA	Composite	Bluegill	C1_902SKINLKBOG17BGL	6	FIL	Skin off	MERCURY	0.02	ug/g ww		246	
30	9	2017	Skinner Lake	NA	Composite	Bluegill	C1_902SKINLKBOG17BGL	6	FIL	Skin off	PCB	7.90	ng/g ww		246	48
30	9	2017	Skinner Lake	NA	Composite	Bluegill	C1_902SKINLKBOG17BGL	6	FIL	Skin off	SELENIUM	0.73	ug/g ww		246	
30	9	2017	Skinner Lake	NA	Composite	Common Carp	C1_902SKINLKBOG17CAR	5	FIL	Skin off	MERCURY	0.01	ug/g ww		631	
30	9	2017	Skinner Lake	NA	Composite	Common Carp	C2_902SKINLKBOG17CAR	5	FIL	Skin off	MERCURY	0.02	ug/g ww		548	
30	9	2017	Skinner Lake	NA	Composite	Common Carp	C1_902SKINLKBOG17CAR	5	FIL	Skin off	PCB	12.64	ng/g ww		631	48
30	9	2017	Skinner Lake	NA	Composite	Common Carp	C1_902SKINLKBOG17CAR	5	FIL	Skin off	SELENIUM	0.83	ug/g ww		631	
30	9	2017	Skinner Lake	NA	Composite	Common Carp	C2_902SKINLKBOG17CAR	5	FIL	Skin off	SELENIUM	0.93	ug/g ww		548	
30	9	2017	Skinner Lake	NA	350 mm Length-Adjusted	Largemouth Bass	NA	11	FIL	Skin off	MERCURY	0.10	ug/g ww		350	
30	9	2017	Skinner Lake	NA	Composite	Largemouth Bass	C1_902SKINLKBOG17LMB	5	FIL	Skin off	SELENIUM	0.79	ug/g ww		365	

Appendix 3b: Prey fish results from the 2017 bass
lakes survey: composites at each
location

Map Label	Regional Board	Sample Year	Station Name	Location Code	Sample Type	Common Name	SampleID	Number Of Fish In Sample	Tissue Code	Prep Preservation Name	Parameter	Result	Unit Name	Total Length Average (mm)
1	1	2017	Iron Gate Reservoir	NA	Composite	Black Crappie	C1_105PIG154BOG17BCR	10	WHL	Skin on, Scales On	MERCURY	0.01	ug/g ww	52
1	1	2017	Iron Gate Reservoir	NA	Composite	Black Crappie	C1_105PIG154BOG17BCR	10	WHL	Skin on, Scales On	SELENIUM	0.63	ug/g ww	52
1	1	2017	Iron Gate Reservoir	NA	Composite	Hitch	C1_105PIG154BOG17HIT	10	WHL	Skin on, Scales On	MERCURY	0.02	ug/g ww	68
1	1	2017	Iron Gate Reservoir	NA	Composite	Hitch	C1_105PIG154BOG17HIT	10	WHL	Skin on, Scales On	SELENIUM	0.33	ug/g ww	68
1	1	2017	Iron Gate Reservoir	NA	Composite	Largemouth Bass	C2_105PIG154BOG17LMB	10	WHL	Skin on, Scales On	MERCURY	0.02	ug/g ww	84
1	1	2017	Iron Gate Reservoir	NA	Composite	Largemouth Bass	C2_105PIG154BOG17LMB	10	WHL	Skin on, Scales On	SELENIUM	0.22	ug/g ww	84
1	1	2017	Iron Gate Reservoir	NA	Composite	Redear Sunfish	C3_105PIG154BOG17RES	10	WHL	Skin on, Scales On	MERCURY	0.01	ug/g ww	45
1	1	2017	Iron Gate Reservoir	NA	Composite	Redear Sunfish	C3_105PIG154BOG17RES	10	WHL	Skin on, Scales On	SELENIUM	0.08	ug/g ww	45
5a	1	2017	Lake Pillsbury	L1	Composite L1	Bluegill	C1_111PLP137L1BOG17BGL	10	WHL	Skin on, Scales On	MERCURY	0.15	ug/g ww	59
5b	1	2017	Lake Pillsbury	L2	Composite L2	Bluegill	C1_111PLP137L2BOG17BGL	10	WHL	Skin on, Scales On	MERCURY	0.14	ug/g ww	66
5a	1	2017	Lake Pillsbury	L1	Composite L1	Bluegill	C1_111PLP137L1BOG17BGL	10	WHL	Skin on, Scales On	SELENIUM	0.63	ug/g ww	59
5b	1	2017	Lake Pillsbury	L2	Composite L2	Bluegill	C1_111PLP137L2BOG17BGL	10	WHL	Skin on, Scales On	SELENIUM	0.34	ug/g ww	66
5a	1	2017	Lake Pillsbury	L1	Composite L1	Largemouth Bass	C2_111PLP137L1BOG17LMB	10	WHL	Skin on, Scales On	MERCURY	0.25	ug/g ww	56
5b	1	2017	Lake Pillsbury	L2	Composite L2	Largemouth Bass	C2_111PLP137L2BOG17LMB	10	WHL	Skin on, Scales On	MERCURY	0.21	ug/g ww	64
5a	1	2017	Lake Pillsbury	L1	Composite L1	Largemouth Bass	C2_111PLP137L1BOG17LMB	10	WHL	Skin on, Scales On	SELENIUM	0.94	ug/g ww	56
5b	1	2017	Lake Pillsbury	L2	Composite L2	Largemouth Bass	C2_111PLP137L2BOG17LMB	10	WHL	Skin on, Scales On	SELENIUM	0.72	ug/g ww	64
17	2	2017	Coyote Lake	NA	Composite	Bluegill	C3_205PCL212BOG17BGL	10	WHL	Skin on, Scales On	MERCURY	0.14	ug/g ww	71
17	2	2017	Coyote Lake	NA	Composite	Bluegill	C3_205PCL212BOG17BGL	10	WHL	Skin on, Scales On	SELENIUM	0.62	ug/g ww	71
17	2	2017	Coyote Lake	NA	Composite	Largemouth Bass	C2_205PCL212BOG17LMB	10	WHL	Skin on, Scales On	MERCURY	0.12	ug/g ww	83
17	2	2017	Coyote Lake	NA	Composite	Largemouth Bass	C2_205PCL212BOG17LMB	10	WHL	Skin on, Scales On	SELENIUM	1.21	ug/g ww	83
12	2	2017	Nicasio Lake	NA	Composite	Bluegill	C1_201PNL105BOG17BGL	10	WHL	Skin on, Scales On	MERCURY	0.05	ug/g ww	75
12	2	2017	Nicasio Lake	NA	Composite	Bluegill	C1_201PNL105BOG17BGL	10	WHL	Skin on, Scales On	SELENIUM	0.61	ug/g ww	75
12	2	2017	Nicasio Lake	NA	Composite	Goby	C1_201PNL105BOG17GOB	10	WHL	Skin on, Scales On	MERCURY	0.07	ug/g ww	75
12	2	2017	Nicasio Lake	NA	Composite	Goby	C1_201PNL105BOG17GOB	10	WHL	Skin on, Scales On	SELENIUM	0.60	ug/g ww	75
12	2	2017	Nicasio Lake	NA	Composite	Largemouth Bass	C2_201PNL105BOG17LMB	10	WHL	Skin on, Scales On	MERCURY	0.08	ug/g ww	96
12	2	2017	Nicasio Lake	NA	Composite	Largemouth Bass	C2_201PNL105BOG17LMB	10	WHL	Skin on, Scales On	SELENIUM	0.08	ug/g ww	96
13	2	2017	San Pablo Reservoir	NA	Composite	Bluegill	C1_206PSP205BOG17BGL	10	WHL	Skin on, Scales On	MERCURY	0.06	ug/g ww	66
13	2	2017	San Pablo Reservoir	NA	Composite	Bluegill	C1_206PSP205BOG17BGL	10	WHL	Skin on, Scales On	SELENIUM	0.83	ug/g ww	66
13	2	2017	San Pablo Reservoir	NA	Composite	Largemouth Bass	C2_206PSP205BOG17LMB	10	WHL	Skin on, Scales On	MERCURY	0.04	ug/g ww	48
13	2	2017	San Pablo Reservoir	NA	Composite	Largemouth Bass	C2_206PSP205BOG17LMB	10	WHL	Skin on, Scales On	SELENIUM	0.68	ug/g ww	48
13	2	2017	San Pablo Reservoir	NA	Composite	Silverside	C1_206PSP205BOG17MSS	10	WHL	Skin on, Scales On	MERCURY	0.15	ug/g ww	85
13	2	2017	San Pablo Reservoir	NA	Composite	Silverside	C1_206PSP205BOG17MSS	10	WHL	Skin on, Scales On	SELENIUM	0.47	ug/g ww	85
14	2	2017	Upper San Leandro Reservoir	NA	Composite	Bluegill	C3_204TL0138BOG17BGL	10	WHL	Skin on, Scales On	MERCURY	0.07	ug/g ww	45
14	2	2017	Upper San Leandro Reservoir	NA	Composite	Bluegill	C3_204TL0138BOG17BGL	10	WHL	Skin on, Scales On	SELENIUM	0.50	ug/g ww	45
14	2	2017	Upper San Leandro Reservoir	NA	Composite	Goby	C1_204TL0138BOG17GOB	10	WHL	Skin on, Scales On	MERCURY	0.04	ug/g ww	58
14	2	2017	Upper San Leandro Reservoir	NA	Composite	Goby	C1_204TL0138BOG17GOB	10	WHL	Skin on, Scales On	SELENIUM	1.45	ug/g ww	58
14	2	2017	Upper San Leandro Reservoir	NA	Composite	Largemouth Bass	C2_204TL0138BOG17LMB	10	WHL	Skin on, Scales On	MERCURY	0.02	ug/g ww	37
14	2	2017	Upper San Leandro Reservoir	NA	Composite	Largemouth Bass	C2_204TL0138BOG17LMB	10	WHL	Skin on, Scales On	SELENIUM	2.27	ug/g ww	37
16	3	2017	Chesbro Reservoir	NA	Composite	Bluegill	C1_305PCB032BOG17BGL	10	WHL	Skin on, Scales On	MERCURY	0.07	ug/g ww	43
16	3	2017	Chesbro Reservoir	NA	Composite	Bluegill	C1_305PCB032BOG17BGL	10	WHL	Skin on, Scales On	SELENIUM	0.56	ug/g ww	43
16	3	2017	Chesbro Reservoir	NA	Composite	Largemouth Bass	C2_305PCB032BOG17LMB	10	WHL	Skin on, Scales On	MERCURY	0.12	ug/g ww	61
16	3	2017	Chesbro Reservoir	NA	Composite	Largemouth Bass	C2_305PCB032BOG17LMB	10	WHL	Skin on, Scales On	SELENIUM	0.76	ug/g ww	61
23a	3	2017	Lake Cachuma	L1	Composite L1	Largemouth Bass	C2_314PLC191L1BOG17LMB	10	WHL	Skin on, Scales On	MERCURY	0.05	ug/g ww	45
23b	3	2017	Lake Cachuma	L2	Composite L2	Largemouth Bass	C2_314PLC191L2BOG17LMB	10	WHL	Skin on, Scales On	MERCURY	0.05	ug/g ww	42
23a	3	2017	Lake Cachuma	L1	Composite L1	Largemouth Bass	C2_314PLC191L1BOG17LMB	10	WHL	Skin on, Scales On	SELENIUM	1.43	ug/g ww	45
23b	3	2017	Lake Cachuma	L2	Composite L2	Largemouth Bass	C2_314PLC191L2BOG17LMB	10	WHL	Skin on, Scales On	SELENIUM	1.42	ug/g ww	42
23a	3	2017	Lake Cachuma	L1	Composite L1	Threadfin Shad	C1_314PLC191L1BOG17TFS	10	WHL	Skin on, Scales On	MERCURY	0.15	ug/g ww	66
23b	3	2017	Lake Cachuma	L2	Composite L2	Threadfin Shad	C1_314PLC191L2BOG17TFS	10	WHL	Skin on, Scales On	MERCURY	0.12	ug/g ww	60
23a	3	2017	Lake Cachuma	L1	Composite L1	Threadfin Shad	C1_314PLC191L1BOG17TFS	10	WHL	Skin on, Scales On	SELENIUM	1.14	ug/g ww	66
23b	3	2017	Lake Cachuma	L2	Composite L2	Threadfin Shad	C1_314PLC191L2BOG17TFS	10	WHL	Skin on, Scales On	SELENIUM	1.11	ug/g ww	60

Map Label	Regional Board	Sample Year	Station Name	Location Code	Sample Type	Common Name	SampleID	Number Of Fish In Sample	Tissue Code	Prep Preservation Name	Parameter	Result	Unit Name	Total Length Average (mm)
22	3	2017	Lopez Lake	NA	Composite	American Shad	C1_310PLL106BOG17AMS	10	WHL	Skin on, Scales On	MERCURY	0.02	ug/g ww	62
22	3	2017	Lopez Lake	NA	Composite	American Shad	C1_310PLL106BOG17AMS	10	WHL	Skin on, Scales On	SELENIUM	0.21	ug/g ww	62
22	3	2017	Lopez Lake	NA	Composite	Bluegill	C1_310PLL106BOG17BGL	10	WHL	Skin on, Scales On	MERCURY	0.02	ug/g ww	53
22	3	2017	Lopez Lake	NA	Composite	Bluegill	C1_310PLL106BOG17BGL	10	WHL	Skin on, Scales On	SELENIUM	0.51	ug/g ww	53
22	3	2017	Lopez Lake	NA	Composite	Largemouth Bass	C2_310PLL106BOG17LMB	10	WHL	Skin on, Scales On	MERCURY	0.03	ug/g ww	46
22	3	2017	Lopez Lake	NA	Composite	Largemouth Bass	C2_310PLL106BOG17LMB	10	WHL	Skin on, Scales On	SELENIUM	0.08	ug/g ww	46
19	3	2017	Pinto Lake	NA	Composite	Bluegill	C1_305PPL088BOG17BGL	10	WHL	Skin on, Scales On	MERCURY	0.04	ug/g ww	35
19	3	2017	Pinto Lake	NA	Composite	Bluegill	C1_305PPL088BOG17BGL	10	WHL	Skin on, Scales On	SELENIUM	0.37	ug/g ww	35
19	3	2017	Pinto Lake	NA	Composite	Largemouth Bass	C2_305PPL088BOG17LMB	10	WHL	Skin on, Scales On	MERCURY	0.06	ug/g ww	38
19	3	2017	Pinto Lake	NA	Composite	Largemouth Bass	C2_305PPL088BOG17LMB	10	WHL	Skin on, Scales On	SELENIUM	0.46	ug/g ww	38
29	4	2017	Alondra Park Lake	NA	Composite	Bluegill	C2_411PAP023BOG17BGL	10	WHL	Skin on, Scales On	MERCURY	0.03	ug/g ww	95
29	4	2017	Alondra Park Lake	NA	Composite	Bluegill	C2_411PAP023BOG17BGL	10	WHL	Skin on, Scales On	SELENIUM	0.83	ug/g ww	95
29	4	2017	Alondra Park Lake	NA	Composite	Largemouth Bass	C2_411PAP023BOG17LMB	10	WHL	Skin on, Scales On	MERCURY	0.02	ug/g ww	100
29	4	2017	Alondra Park Lake	NA	Composite	Largemouth Bass	C2_411PAP023BOG17LMB	10	WHL	Skin on, Scales On	SELENIUM	0.90	ug/g ww	100
29	4	2017	Alondra Park Lake	NA	Composite	Silverside	C1_411PAP023BOG17MSS	7	WHL	Skin on, Scales On	MERCURY	0.04	ug/g ww	95
29	4	2017	Alondra Park Lake	NA	Composite	Silverside	C1_411PAP023BOG17MSS	7	WHL	Skin on, Scales On	SELENIUM	0.54	ug/g ww	95
28	4	2017	Magic Johnson Lakes	NA	Composite	Bluegill	C2_412MGJSLKBOG17BGL	10	WHL	Skin on, Scales On	MERCURY	0.06	ug/g ww	81
28	4	2017	Magic Johnson Lakes	NA	Composite	Bluegill	C2_412MGJSLKBOG17BGL	10	WHL	Skin on, Scales On	SELENIUM	0.52	ug/g ww	81
28	4	2017	Magic Johnson Lakes	NA	Composite	Largemouth Bass	C2_412MGJSLKBOG17LMB	10	WHL	Skin on, Scales On	MERCURY	0.16	ug/g ww	49
28	4	2017	Magic Johnson Lakes	NA	Composite	Largemouth Bass	C2_412MGJSLKBOG17LMB	10	WHL	Skin on, Scales On	SELENIUM	0.25	ug/g ww	49
28	4	2017	Magic Johnson Lakes	NA	Composite	Silverside	C1_412MGJSLKBOG17MSS	10	WHL	Skin on, Scales On	MERCURY	0.26	ug/g ww	80
28	4	2017	Magic Johnson Lakes	NA	Composite	Silverside	C1_412MGJSLKBOG17MSS	10	WHL	Skin on, Scales On	SELENIUM	0.18	ug/g ww	80
27	4	2017	Wilderness Park Lake	NA	Composite	Bluegill	C2_405DOWILDBOG17BGL	4	WHL	Skin on, Scales On	MERCURY	0.00	ug/g ww	102
27	4	2017	Wilderness Park Lake	NA	Composite	Bluegill	C3_405DOWILDBOG17BGL	10	WHL	Skin on, Scales On	MERCURY	0.00	ug/g ww	78
27	4	2017	Wilderness Park Lake	NA	Composite	Bluegill	C2_405DOWILDBOG17BGL	4	WHL	Skin on, Scales On	SELENIUM	0.23	ug/g ww	102
27	4	2017	Wilderness Park Lake	NA	Composite	Bluegill	C3_405DOWILDBOG17BGL	10	WHL	Skin on, Scales On	SELENIUM	0.72	ug/g ww	78
27	4	2017	Wilderness Park Lake	NA	Composite	Common Carp	C2_405DOWILDBOG17CAR	10	WHL	Skin on, Scales On	MERCURY	0.00	ug/g ww	40
27	4	2017	Wilderness Park Lake	NA	Composite	Common Carp	C2_405DOWILDBOG17CAR	10	WHL	Skin on, Scales On	SELENIUM	0.37	ug/g ww	40
3	5	2017	Butte Lake	NA	Composite	Bluegill	C1_526PBL114BOG17BGL	10	WHL	Skin on, Scales On	MERCURY	0.09	ug/g ww	65
3	5	2017	Butte Lake	NA	Composite	Bluegill	C1_526PBL114BOG17BGL	10	WHL	Skin on, Scales On	SELENIUM	1.09	ug/g ww	65
3	5	2017	Butte Lake	NA	Composite	Largemouth Bass	C2_526PBL114BOG17LMB	10	WHL	Skin on, Scales On	MERCURY	0.20	ug/g ww	71
3	5	2017	Butte Lake	NA	Composite	Largemouth Bass	C2_526PBL114BOG17LMB	10	WHL	Skin on, Scales On	SELENIUM	0.66	ug/g ww	71
3	5	2017	Butte Lake	NA	Composite	Smallmouth Bass	C1_526PBL114BOG17SMB	10	WHL	Skin on, Scales On	MERCURY	0.16	ug/g ww	55
3	5	2017	Butte Lake	NA	Composite	Smallmouth Bass	C1_526PBL114BOG17SMB	10	WHL	Skin on, Scales On	SELENIUM	0.70	ug/g ww	55
3	5	2017	Butte Lake	NA	Composite	Threadfin Shad	C1_526PBL114BOG17TFS	10	WHL	Skin on, Scales On	MERCURY	0.09	ug/g ww	68
3	5	2017	Butte Lake	NA	Composite	Threadfin Shad	C1_526PBL114BOG17TFS	10	WHL	Skin on, Scales On	SELENIUM	0.58	ug/g ww	68
6	5	2017	Collins Lake	NA	Composite	Bluegill	C1_517PCL005BOG17BGL	10	WHL	Skin on, Scales On	MERCURY	0.10	ug/g ww	71
6	5	2017	Collins Lake	NA	Composite	Bluegill	C1_517PCL005BOG17BGL	10	WHL	Skin on, Scales On	SELENIUM	0.82	ug/g ww	71
6	5	2017	Collins Lake	NA	Composite	Green Sunfish	C1_517PCL005BOG17GRS	10	WHL	Skin on, Scales On	MERCURY	0.09	ug/g ww	56
6	5	2017	Collins Lake	NA	Composite	Green Sunfish	C1_517PCL005BOG17GRS	10	WHL	Skin on, Scales On	SELENIUM	0.67	ug/g ww	56
6	5	2017	Collins Lake	NA	Composite	Largemouth Bass	C2_517PCL005BOG17LMB	10	WHL	Skin on, Scales On	MERCURY	0.13	ug/g ww	86
6	5	2017	Collins Lake	NA	Composite	Largemouth Bass	C2_517PCL005BOG17LMB	10	WHL	Skin on, Scales On	SELENIUM	0.42	ug/g ww	86
8	5	2017	Davis Creek Reservoir	NA	Composite	Bluegill	C2_513DAVSCRBOG17BGL	10	WHL	Skin on, Scales On	MERCURY	0.06	ug/g ww	88
8	5	2017	Davis Creek Reservoir	NA	Composite	Bluegill	C2_513DAVSCRBOG17BGL	10	WHL	Skin on, Scales On	SELENIUM	1.02	ug/g ww	88
8	5	2017	Davis Creek Reservoir	NA	Composite	Largemouth Bass	C2_513DAVSCRBOG17LMB	10	WHL	Skin on, Scales On	MERCURY	0.67	ug/g ww	63
8	5	2017	Davis Creek Reservoir	NA	Composite	Largemouth Bass	C2_513DAVSCRBOG17LMB	10	WHL	Skin on, Scales On	SELENIUM	0.96	ug/g ww	63
15a	5	2017	Hensley Lake	L1	Composite L1	Bluegill	C2_539PHL082L1BOG17BGL	10	WHL	Skin on, Scales On	MERCURY	0.09	ug/g ww	70
15b	5	2017	Hensley Lake	L2	Composite L2	Bluegill	C2_539PHL082L2BOG17BGL	10	WHL	Skin on, Scales On	MERCURY	0.10	ug/g ww	89
15a	5	2017	Hensley Lake	L1	Composite L1	Bluegill	C2_539PHL082L1BOG17BGL	10	WHL	Skin on, Scales On	SELENIUM	1.08	ug/g ww	70
15b	5	2017	Hensley Lake	L2	Composite L2	Bluegill	C2_539PHL082L2BOG17BGL	10	WHL	Skin on, Scales On	SELENIUM	0.21	ug/g ww	89

Map Label	Regional Board	Sample Year	Station Name	Location Code	Sample Type	Common Name	SampleID	Number Of Fish In Sample	Tissue Code	Prep Preservation Name	Parameter	Result	Unit Name	Total Length Average (mm)
15a	5	2017	Hensley Lake	L1	Composite L1	Green Sunfish	C1_539PHL082L1BOG17GRS	10	WHL	Skin on, Scales On	MERCURY	0.11	ug/g ww	94
15a	5	2017	Hensley Lake	L1	Composite L1	Green Sunfish	C1_539PHL082L1BOG17GRS	10	WHL	Skin on, Scales On	SELENIUM	0.43	ug/g ww	94
15a	5	2017	Hensley Lake	L1	Composite L1	Largemouth Bass	C2_539PHL082L1BOG17LMB	10	WHL	Skin on, Scales On	MERCURY	0.15	ug/g ww	57
15b	5	2017	Hensley Lake	L2	Composite L2	Largemouth Bass	C2_539PHL082L2BOG17LMB	10	WHL	Skin on, Scales On	MERCURY	0.10	ug/g ww	63
15a	5	2017	Hensley Lake	L1	Composite L1	Largemouth Bass	C2_539PHL082L1BOG17LMB	10	WHL	Skin on, Scales On	SELENIUM	0.51	ug/g ww	57
15b	5	2017	Hensley Lake	L2	Composite L2	Largemouth Bass	C2_539PHL082L2BOG17LMB	10	WHL	Skin on, Scales On	SELENIUM	0.28	ug/g ww	63
20a	5	2017	Isabella Lake	L1	Composite L1	Bluegill	C1_554PLB026L1BOG17BGL	10	WHL	Skin on, Scales On	MERCURY	0.09	ug/g ww	66
20b	5	2017	Isabella Lake	L2	Composite L2	Bluegill	C1_554PLB026L2BOG17BGL	10	WHL	Skin on, Scales On	MERCURY	0.07	ug/g ww	55
20a	5	2017	Isabella Lake	L1	Composite L1	Bluegill	C1_554PLB026L1BOG17BGL	10	WHL	Skin on, Scales On	SELENIUM	0.37	ug/g ww	66
20b	5	2017	Isabella Lake	L2	Composite L2	Bluegill	C1_554PLB026L2BOG17BGL	10	WHL	Skin on, Scales On	SELENIUM	0.26	ug/g ww	55
20a	5	2017	Isabella Lake	L1	Composite L1	Largemouth Bass	C2_554PLB026L1BOG17LMB	10	WHL	Skin on, Scales On	MERCURY	0.11	ug/g ww	83
20b	5	2017	Isabella Lake	L2	Composite L2	Largemouth Bass	C2_554PLB026L2BOG17LMB	10	WHL	Skin on, Scales On	MERCURY	0.11	ug/g ww	93
20a	5	2017	Isabella Lake	L1	Composite L1	Largemouth Bass	C2_554PLB026L1BOG17LMB	10	WHL	Skin on, Scales On	SELENIUM	0.41	ug/g ww	83
20b	5	2017	Isabella Lake	L2	Composite L2	Largemouth Bass	C2_554PLB026L2BOG17LMB	10	WHL	Skin on, Scales On	SELENIUM	0.63	ug/g ww	93
20a	5	2017	Isabella Lake	L1	Composite L1	Threadfin Shad	C1_554PLB026L1BOG17TFS	10	WHL	Skin on, Scales On	MERCURY	0.06	ug/g ww	92
20b	5	2017	Isabella Lake	L2	Composite L2	Threadfin Shad	C1_554PLB026L2BOG17TFS	10	WHL	Skin on, Scales On	MERCURY	0.07	ug/g ww	95
20a	5	2017	Isabella Lake	L1	Composite L1	Threadfin Shad	C1_554PLB026L1BOG17TFS	10	WHL	Skin on, Scales On	SELENIUM	0.20	ug/g ww	92
20b	5	2017	Isabella Lake	L2	Composite L2	Threadfin Shad	C1_554PLB026L2BOG17TFS	10	WHL	Skin on, Scales On	SELENIUM	0.68	ug/g ww	95
9	5	2017	Lake Natoma	NA	Composite	Bluegill	C2_519PLN133BOG17BGL	10	WHL	Skin on, Scales On	MERCURY	0.06	ug/g ww	63
9	5	2017	Lake Natoma	NA	Composite	Bluegill	C2_519PLN133BOG17BGL	10	WHL	Skin on, Scales On	SELENIUM	0.59	ug/g ww	63
9	5	2017	Lake Natoma	NA	Composite	Green Sunfish	C3_519PLN133BOG17GRS	10	WHL	Skin on, Scales On	MERCURY	0.07	ug/g ww	81
9	5	2017	Lake Natoma	NA	Composite	Green Sunfish	C3_519PLN133BOG17GRS	10	WHL	Skin on, Scales On	SELENIUM	0.58	ug/g ww	81
9	5	2017	Lake Natoma	NA	Composite	Largemouth Bass	C2_519PLN133BOG17LMB	10	WHL	Skin on, Scales On	MERCURY	0.07	ug/g ww	77
9	5	2017	Lake Natoma	NA	Composite	Largemouth Bass	C2_519PLN133BOG17LMB	10	WHL	Skin on, Scales On	SELENIUM	0.38	ug/g ww	77
9	5	2017	Lake Natoma	NA	Composite	Silverside	C1_519PLN133BOG17MSS	10	WHL	Skin on, Scales On	MERCURY	0.07	ug/g ww	82
9	5	2017	Lake Natoma	NA	Composite	Silverside	C1_519PLN133BOG17MSS	10	WHL	Skin on, Scales On	SELENIUM	0.72	ug/g ww	82
7	5	2017	Lake of the Pines	NA	Composite	Bluegill	C1_516TP0045BOG17BGL	10	WHL	Skin on, Scales On	MERCURY	0.02	ug/g ww	61
7	5	2017	Lake of the Pines	NA	Composite	Bluegill	C1_516TP0045BOG17BGL	10	WHL	Skin on, Scales On	SELENIUM	1.16	ug/g ww	61
7	5	2017	Lake of the Pines	NA	Composite	Green Sunfish	C1_516TP0045BOG17GRS	10	WHL	Skin on, Scales On	MERCURY	0.03	ug/g ww	93
7	5	2017	Lake of the Pines	NA	Composite	Green Sunfish	C1_516TP0045BOG17GRS	10	WHL	Skin on, Scales On	SELENIUM	1.31	ug/g ww	93
7	5	2017	Lake of the Pines	NA	Composite	Largemouth Bass	C2_516TP0045BOG17LMB	10	WHL	Skin on, Scales On	MERCURY	0.03	ug/g ww	94
7	5	2017	Lake of the Pines	NA	Composite	Largemouth Bass	C2_516TP0045BOG17LMB	10	WHL	Skin on, Scales On	SELENIUM	1.48	ug/g ww	94
21	5	2017	Lake Webb	NA	Composite	Bluegill	C1_557PWB010BOG17BGL	10	WHL	Skin on, Scales On	MERCURY	0.03	ug/g ww	83
21	5	2017	Lake Webb	NA	Composite	Bluegill	C1_557PWB010BOG17BGL	10	WHL	Skin on, Scales On	SELENIUM	1.26	ug/g ww	83
21	5	2017	Lake Webb	NA	Composite	Largemouth Bass	C2_557PWB010BOG17LMB	10	WHL	Skin on, Scales On	MERCURY	0.02	ug/g ww	36
21	5	2017	Lake Webb	NA	Composite	Largemouth Bass	C2_557PWB010BOG17LMB	10	WHL	Skin on, Scales On	SELENIUM	0.20	ug/g ww	36
21	5	2017	Lake Webb	NA	Composite	Silverside	C1_557PWB010BOG17MSS	10	WHL	Skin on, Scales On	MERCURY	0.06	ug/g ww	70
21	5	2017	Lake Webb	NA	Composite	Silverside	C1_557PWB010BOG17MSS	10	WHL	Skin on, Scales On	SELENIUM	0.30	ug/g ww	70
18	5	2017	Los Banos Reservoir	NA	Composite	Largemouth Bass	C2_542PLB064BOG17LMB	10	WHL	Skin on, Scales On	MERCURY	0.07	ug/g ww	56
18	5	2017	Los Banos Reservoir	NA	Composite	Largemouth Bass	C2_542PLB064BOG17LMB	10	WHL	Skin on, Scales On	SELENIUM	0.27	ug/g ww	56
18	5	2017	Los Banos Reservoir	NA	Composite	Threadfin Shad	C1_542PLB064BOG17TFS	10	WHL	Skin on, Scales On	MERCURY	0.17	ug/g ww	73
18	5	2017	Los Banos Reservoir	NA	Composite	Threadfin Shad	C1_542PLB064BOG17TFS	10	WHL	Skin on, Scales On	SELENIUM	0.38	ug/g ww	73
4	5	2017	Mile Long Pond	NA	Composite	Bluegill	C1_515MILGPDBOG17BGL	10	WHL	Skin on, Scales On	MERCURY	0.08	ug/g ww	62
4	5	2017	Mile Long Pond	NA	Composite	Bluegill	C1_515MILGPDBOG17BGL	10	WHL	Skin on, Scales On	SELENIUM	0.38	ug/g ww	62
4	5	2017	Mile Long Pond	NA	Composite	Largemouth Bass	C2_515MILGPDBOG17LMB	10	WHL	Skin on, Scales On	MERCURY	0.26	ug/g ww	63
4	5	2017	Mile Long Pond	NA	Composite	Largemouth Bass	C2_515MILGPDBOG17LMB	10	WHL	Skin on, Scales On	SELENIUM	0.37	ug/g ww	63
4	5	2017	Mile Long Pond	NA	Composite	Redear Sunfish	C2_515MILGPDBOG17RES	10	WHL	Skin on, Scales On	MERCURY	0.12	ug/g ww	87
4	5	2017	Mile Long Pond	NA	Composite	Redear Sunfish	C2_515MILGPDBOG17RES	10	WHL	Skin on, Scales On	SELENIUM	0.30	ug/g ww	87
11a	5	2017	New Hogan Lake	L1	Composite L1	Bluegill	C1_533PNH089L1BOG17BGL	10	WHL	Skin on, Scales On	MERCURY	0.19	ug/g ww	72
11b	5	2017	New Hogan Lake	L2	Composite L2	Bluegill	C1_533PNH089L2BOG17BGL	10	WHL	Skin on, Scales On	MERCURY	0.12	ug/g ww	74

Map Label	Regional Board	Sample Year	Station Name	Location Code	Sample Type	Common Name	SampleID	Number Of Fish In Sample	Tissue Code	Prep Preservation Name	Parameter	Result	Unit Name	Total Length Average (mm)
11c	5	2017	New Hogan Lake	L3	Composite L3	Bluegill	C1_533PNH089L3BOG17BGL	10	WHL	Skin on, Scales On	MERCURY	0.20	ug/g ww	68
11a	5	2017	New Hogan Lake	L1	Composite L1	Bluegill	C1_533PNH089L1BOG17BGL	10	WHL	Skin on, Scales On	SELENIUM	0.53	ug/g ww	72
11b	5	2017	New Hogan Lake	L2	Composite L2	Bluegill	C1_533PNH089L2BOG17BGL	10	WHL	Skin on, Scales On	SELENIUM	0.75	ug/g ww	74
11c	5	2017	New Hogan Lake	L3	Composite L3	Bluegill	C1_533PNH089L3BOG17BGL	10	WHL	Skin on, Scales On	SELENIUM	0.61	ug/g ww	68
11a	5	2017	New Hogan Lake	L1	Composite L1	Largemouth Bass	C2_533PNH089L1BOG17LMB	10	WHL	Skin on, Scales On	MERCURY	0.22	ug/g ww	48
11b	5	2017	New Hogan Lake	L2	Composite L2	Largemouth Bass	C2_533PNH089L2BOG17LMB	10	WHL	Skin on, Scales On	MERCURY	0.14	ug/g ww	44
11c	5	2017	New Hogan Lake	L3	Composite L3	Largemouth Bass	C2_533PNH089L3BOG17LMB	10	WHL	Skin on, Scales On	MERCURY	0.27	ug/g ww	56
11a	5	2017	New Hogan Lake	L1	Composite L1	Largemouth Bass	C2_533PNH089L1BOG17LMB	10	WHL	Skin on, Scales On	SELENIUM	0.84	ug/g ww	48
11b	5	2017	New Hogan Lake	L2	Composite L2	Largemouth Bass	C2_533PNH089L2BOG17LMB	10	WHL	Skin on, Scales On	SELENIUM	0.94	ug/g ww	44
11c	5	2017	New Hogan Lake	L3	Composite L3	Largemouth Bass	C2_533PNH089L3BOG17LMB	10	WHL	Skin on, Scales On	SELENIUM	0.61	ug/g ww	56
10a	5	2017	Pardee Reservoir	L1	Composite L1	Bluegill	C1_532PPD073L1BOG17BGL	10	WHL	Skin on, Scales On	MERCURY	0.08	ug/g ww	58
10b	5	2017	Pardee Reservoir	L2	Composite L2	Bluegill	C1_532PPD073L2BOG17BGL	9	WHL	Skin on, Scales On	MERCURY	0.07	ug/g ww	42
10a	5	2017	Pardee Reservoir	L1	Composite L1	Bluegill	C1_532PPD073L1BOG17BGL	10	WHL	Skin on, Scales On	SELENIUM	0.44	ug/g ww	58
10b	5	2017	Pardee Reservoir	L2	Composite L2	Bluegill	C1_532PPD073L2BOG17BGL	9	WHL	Skin on, Scales On	SELENIUM	0.55	ug/g ww	42
10b	5	2017	Pardee Reservoir	L2	Composite L2	Green Sunfish	C1_532PPD073L2BOG17GRS	10	WHL	Skin on, Scales On	MERCURY	0.05	ug/g ww	49
10b	5	2017	Pardee Reservoir	L2	Composite L2	Green Sunfish	C1_532PPD073L2BOG17GRS	10	WHL	Skin on, Scales On	SELENIUM	0.46	ug/g ww	49
2a	5	2017	Whiskeytown Lake	L1	Composite L1	Bluegill	C1_524PWT057L1BOG17BGL	10	WHL	Skin on, Scales On	MERCURY	0.02	ug/g ww	62
2b	5	2017	Whiskeytown Lake	L2	Composite L2	Bluegill	C1_524PWT057L2BOG17BGL	10	WHL	Skin on, Scales On	MERCURY	0.03	ug/g ww	71
2c	5	2017	Whiskeytown Lake	L3	Composite L3	Bluegill	C1_524PWT057L3BOG17BGL	10	WHL	Skin on, Scales On	MERCURY	0.02	ug/g ww	64
2a	5	2017	Whiskeytown Lake	L1	Composite L1	Bluegill	C1_524PWT057L1BOG17BGL	10	WHL	Skin on, Scales On	SELENIUM	0.98	ug/g ww	62
2b	5	2017	Whiskeytown Lake	L2	Composite L2	Bluegill	C1_524PWT057L2BOG17BGL	10	WHL	Skin on, Scales On	SELENIUM	0.65	ug/g ww	71
2c	5	2017	Whiskeytown Lake	L3	Composite L3	Bluegill	C1_524PWT057L3BOG17BGL	10	WHL	Skin on, Scales On	SELENIUM	0.80	ug/g ww	64
2a	5	2017	Whiskeytown Lake	L1	Composite L1	Smallmouth Bass	C2_524PWT057L1BOG17SMB	10	WHL	Skin on, Scales On	MERCURY	0.02	ug/g ww	65
2b	5	2017	Whiskeytown Lake	L2	Composite L2	Smallmouth Bass	C2_524PWT057L2BOG17SMB	10	WHL	Skin on, Scales On	MERCURY	0.02	ug/g ww	70
2c	5	2017	Whiskeytown Lake	L3	Composite L3	Smallmouth Bass	C2_524PWT057L3BOG17SMB	10	WHL	Skin on, Scales On	MERCURY	0.02	ug/g ww	66
2a	5	2017	Whiskeytown Lake	L1	Composite L1	Smallmouth Bass	C2_524PWT057L1BOG17SMB	10	WHL	Skin on, Scales On	SELENIUM	0.69	ug/g ww	65
2b	5	2017	Whiskeytown Lake	L2	Composite L2	Smallmouth Bass	C2_524PWT057L2BOG17SMB	10	WHL	Skin on, Scales On	SELENIUM	0.67	ug/g ww	70
2c	5	2017	Whiskeytown Lake	L3	Composite L3	Smallmouth Bass	C2_524PWT057L3BOG17SMB	10	WHL	Skin on, Scales On	SELENIUM	1.23	ug/g ww	66
24	6	2017	Palmdale Lake	NA	Composite	Bluegill	C1_626TU0279BOG17BGL	10	WHL	Skin on, Scales On	MERCURY	0.01	ug/g ww	37
24	6	2017	Palmdale Lake	NA	Composite	Bluegill	C1_626TU0279BOG17BGL	10	WHL	Skin on, Scales On	SELENIUM	1.26	ug/g ww	37
24	6	2017	Palmdale Lake	NA	Composite	Goby	C1_626TU0279BOG17GOB	10	WHL	Skin on, Scales On	MERCURY	0.01	ug/g ww	49
24	6	2017	Palmdale Lake	NA	Composite	Goby	C1_626TU0279BOG17GOB	10	WHL	Skin on, Scales On	SELENIUM	1.03	ug/g ww	49
24	6	2017	Palmdale Lake	NA	Composite	Largemouth Bass	C2_626TU0279BOG17LMB	10	WHL	Skin on, Scales On	MERCURY	0.01	ug/g ww	64
24	6	2017	Palmdale Lake	NA	Composite	Largemouth Bass	C2_626TU0279BOG17LMB	10	WHL	Skin on, Scales On	SELENIUM	1.25	ug/g ww	64
24	6	2017	Palmdale Lake	NA	Composite	Silverside	C1_626TU0279BOG17MSS	10	WHL	Skin on, Scales On	MERCURY	0.01	ug/g ww	51
24	6	2017	Palmdale Lake	NA	Composite	Silverside	C1_626TU0279BOG17MSS	10	WHL	Skin on, Scales On	SELENIUM	0.62	ug/g ww	51
25	6	2017	Silverwood Lake	NA	Composite	Bluegill	C3_628PSW035BOG17BGL	10	WHL	Skin on, Scales On	MERCURY	0.07	ug/g ww	79
25	6	2017	Silverwood Lake	NA	Composite	Bluegill	C3_628PSW035BOG17BGL	10	WHL	Skin on, Scales On	SELENIUM	0.08	ug/g ww	79
25	6	2017	Silverwood Lake	NA	Composite	Sculpin	C1_628PSW035BOG17SCP	10	WHL	Skin on, Scales On	MERCURY	0.04	ug/g ww	68
25	6	2017	Silverwood Lake	NA	Composite	Sculpin	C1_628PSW035BOG17SCP	10	WHL	Skin on, Scales On	SELENIUM	0.51	ug/g ww	68
25	6	2017	Silverwood Lake	NA	Composite	Silverside	C1_628PSW035BOG17MSS	10	WHL	Skin on, Scales On	MERCURY	0.07	ug/g ww	68
25	6	2017	Silverwood Lake	NA	Composite	Silverside	C1_628PSW035BOG17MSS	10	WHL	Skin on, Scales On	SELENIUM	0.65	ug/g ww	68
34	7	2017	Ferguson Lake	NA	Composite	Largemouth Bass	C2_715TF0091BOG17LMB	10	WHL	Skin on, Scales On	MERCURY	0.01	ug/g ww	133
34	7	2017	Ferguson Lake	NA	Composite	Largemouth Bass	C2_715TF0091BOG17LMB	10	WHL	Skin on, Scales On	SELENIUM	1.71	ug/g ww	133
31	9	2017	Laguna Niguel Park Lake (Sulph)	NA	Composite	Largemouth Bass	C2_901LAGNPLBOG17LMB	10	WHL	Skin on, Scales On	MERCURY	0.00	ug/g ww	33
31	9	2017	Laguna Niguel Park Lake (Sulph)	NA	Composite	Largemouth Bass	C2_901LAGNPLBOG17LMB	10	WHL	Skin on, Scales On	SELENIUM	1.09	ug/g ww	33
33	9	2017	Lake Hodges	NA	Composite	Bluegill	C1_905PLH070BOG17BGL	10	WHL	Skin on, Scales On	MERCURY	0.03	ug/g ww	79
33	9	2017	Lake Hodges	NA	Composite	Bluegill	C1_905PLH070BOG17BGL	10	WHL	Skin on, Scales On	SELENIUM	0.50	ug/g ww	79
33	9	2017	Lake Hodges	NA	Composite	Threadfin Shad	C1_905PLH070BOG17TFS	10	WHL	Skin on, Scales On	MERCURY	0.04	ug/g ww	80
33	9	2017	Lake Hodges	NA	Composite	Threadfin Shad	C1_905PLH070BOG17TFS	10	WHL	Skin on, Scales On	SELENIUM	0.55	ug/g ww	80

Map Label	Regional Board	Sample Year	Station Name	Location Code	Sample Type	Common Name	SampleID	Number Of Fish In Sample	Tissue Code	Prep Preservation Name	Parameter	Result	Unit Name	Total Length Average (mm)
35	9	2017	Lake Jennings	NA	Composite	Bluegill	C1_907PLJ102BOG17BGL	10	WHL	Skin on, Scales On	MERCURY	0.03	ug/g ww	75
35	9	2017	Lake Jennings	NA	Composite	Bluegill	C1_907PLJ102BOG17BGL	10	WHL	Skin on, Scales On	SELENIUM	1.16	ug/g ww	75
35	9	2017	Lake Jennings	NA	Composite	Largemouth Bass	C2_907PLJ102BOG17LMB	10	WHL	Skin on, Scales On	MERCURY	0.04	ug/g ww	94
35	9	2017	Lake Jennings	NA	Composite	Largemouth Bass	C2_907PLJ102BOG17LMB	10	WHL	Skin on, Scales On	SELENIUM	1.83	ug/g ww	94
32	9	2017	Lake Sutherland	NA	Composite	Common Carp	C3_905PLS198BOG17CAR	10	WHL	Skin on, Scales On	MERCURY	0.02	ug/g ww	49
32	9	2017	Lake Sutherland	NA	Composite	Common Carp	C3_905PLS198BOG17CAR	10	WHL	Skin on, Scales On	SELENIUM	0.46	ug/g ww	49
32	9	2017	Lake Sutherland	NA	Composite	Largemouth Bass	C2_905PLS198BOG17LMB	10	WHL	Skin on, Scales On	MERCURY	0.02	ug/g ww	31
32	9	2017	Lake Sutherland	NA	Composite	Largemouth Bass	C2_905PLS198BOG17LMB	10	WHL	Skin on, Scales On	SELENIUM	1.42	ug/g ww	31
32	9	2017	Lake Sutherland	NA	Composite	Threadfin Shad	C1_905PLS198BOG17TFS	10	WHL	Skin on, Scales On	MERCURY	0.02	ug/g ww	56
32	9	2017	Lake Sutherland	NA	Composite	Threadfin Shad	C1_905PLS198BOG17TFS	10	WHL	Skin on, Scales On	SELENIUM	1.57	ug/g ww	56
30	9	2017	Skinner Lake	NA	Composite	Largemouth Bass	C2_902SKINLKBOG17LMB	10	WHL	Skin on, Scales On	MERCURY	0.00	ug/g ww	39
30	9	2017	Skinner Lake	NA	Composite	Largemouth Bass	C2_902SKINLKBOG17LMB	10	WHL	Skin on, Scales On	SELENIUM	0.50	ug/g ww	39

Appendix 4: Results of the 2017 bass lakes survey:
mercury in individual sport fish

Label on Map	Regional Board	Sample Year	Station Name	Location Code	Common Name	SampleID	OrganismID	Parameter	Result	Unit Name	Total Length (mm)	Age (year)
1	1	2017	Iron Gate Reservoir	NA	Largemouth Bass	I_105PIG154BOG17LMB01-01	105PIG154BOG17LMB01-01	Mercury	0.06	ug/g ww	195	3
1	1	2017	Iron Gate Reservoir	NA	Largemouth Bass	I_105PIG154BOG17LMB01-02	105PIG154BOG17LMB01-02	Mercury	0.04	ug/g ww	200	2
1	1	2017	Iron Gate Reservoir	NA	Largemouth Bass	I_105PIG154BOG17LMB01-03	105PIG154BOG17LMB01-03	Mercury	0.09	ug/g ww	260	4
1	1	2017	Iron Gate Reservoir	NA	Largemouth Bass	I_105PIG154BOG17LMB01-04	105PIG154BOG17LMB01-04	Mercury	0.14	ug/g ww	285	5
1	1	2017	Iron Gate Reservoir	NA	Largemouth Bass	I_105PIG154BOG17LMB01-06	105PIG154BOG17LMB01-06	Mercury	0.11	ug/g ww	307	5
1	1	2017	Iron Gate Reservoir	NA	Largemouth Bass	I_105PIG154BOG17LMB01-07	105PIG154BOG17LMB01-07	Mercury	0.18	ug/g ww	335	6
1	1	2017	Iron Gate Reservoir	NA	Largemouth Bass	I_105PIG154BOG17LMB01-05	105PIG154BOG17LMB01-05	Mercury	0.19	ug/g ww	336	6
1	1	2017	Iron Gate Reservoir	NA	Largemouth Bass	I_105PIG154BOG17LMB01-09	105PIG154BOG17LMB01-09	Mercury	0.27	ug/g ww	337	7
1	1	2017	Iron Gate Reservoir	NA	Largemouth Bass	I_105PIG154BOG17LMB01-10	105PIG154BOG17LMB01-10	Mercury	0.28	ug/g ww	340	7
1	1	2017	Iron Gate Reservoir	NA	Largemouth Bass	I_105PIG154BOG17LMB01-08	105PIG154BOG17LMB01-08	Mercury	0.40	ug/g ww	350	7
1	1	2017	Iron Gate Reservoir	NA	Largemouth Bass	I_105PIG154BOG17LMB01-11	105PIG154BOG17LMB01-11	Mercury	0.50	ug/g ww	368	8
5a	1	2017	Lake Pillsbury	L1	Largemouth Bass	I_111PLP137L1BOG17LMB02-01	111PLP137L1BOG17LMB02-01	Mercury	0.60	ug/g ww	214	2
5a	1	2017	Lake Pillsbury	L1	Largemouth Bass	I_111PLP137L1BOG17LMB02-02	111PLP137L1BOG17LMB02-02	Mercury	0.66	ug/g ww	242	3
5a	1	2017	Lake Pillsbury	L1	Largemouth Bass	I_111PLP137L1BOG17LMB02-03	111PLP137L1BOG17LMB02-03	Mercury	0.66	ug/g ww	277	4
5a	1	2017	Lake Pillsbury	L1	Largemouth Bass	I_111PLP137L1BOG17LMB02-04	111PLP137L1BOG17LMB02-04	Mercury	0.75	ug/g ww	283	5
5a	1	2017	Lake Pillsbury	L1	Largemouth Bass	I_111PLP137L1BOG17LMB02-05	111PLP137L1BOG17LMB02-05	Mercury	0.90	ug/g ww	357	7
5a	1	2017	Lake Pillsbury	L1	Largemouth Bass	I_111PLP137L1BOG17LMB02-07	111PLP137L1BOG17LMB02-07	Mercury	1.11	ug/g ww	360	7
5a	1	2017	Lake Pillsbury	L1	Largemouth Bass	I_111PLP137L1BOG17LMB02-08	111PLP137L1BOG17LMB02-08	Mercury	0.88	ug/g ww	370	7
5a	1	2017	Lake Pillsbury	L1	Largemouth Bass	I_111PLP137L1BOG17LMB02-09	111PLP137L1BOG17LMB02-09	Mercury	0.89	ug/g ww	388	8
5a	1	2017	Lake Pillsbury	L1	Largemouth Bass	I_111PLP137L1BOG17LMB02-06	111PLP137L1BOG17LMB02-06	Mercury	1.23	ug/g ww	405	8
5a	1	2017	Lake Pillsbury	L1	Largemouth Bass	I_111PLP137L1BOG17LMB02-10	111PLP137L1BOG17LMB02-10	Mercury	1.02	ug/g ww	436	9
5a	1	2017	Lake Pillsbury	L1	Largemouth Bass	I_111PLP137L1BOG17LMB02-11	111PLP137L1BOG17LMB02-11	Mercury	1.47	ug/g ww	523	11
5b	1	2017	Lake Pillsbury	L2	Largemouth Bass	I_111PLP137L2BOG17LMB02-01	111PLP137L2BOG17LMB02-01	Mercury	0.59	ug/g ww	208	3
5b	1	2017	Lake Pillsbury	L2	Largemouth Bass	I_111PLP137L2BOG17LMB02-02	111PLP137L2BOG17LMB02-02	Mercury	0.57	ug/g ww	214	3
5b	1	2017	Lake Pillsbury	L2	Largemouth Bass	I_111PLP137L2BOG17LMB02-04	111PLP137L2BOG17LMB02-04	Mercury	0.68	ug/g ww	263	5
5b	1	2017	Lake Pillsbury	L2	Largemouth Bass	I_111PLP137L2BOG17LMB02-03	111PLP137L2BOG17LMB02-03	Mercury	0.73	ug/g ww	266	4
5b	1	2017	Lake Pillsbury	L2	Largemouth Bass	I_111PLP137L2BOG17LMB02-09	111PLP137L2BOG17LMB02-09	Mercury	1.02	ug/g ww	357	7
5b	1	2017	Lake Pillsbury	L2	Largemouth Bass	I_111PLP137L2BOG17LMB02-05	111PLP137L2BOG17LMB02-05	Mercury	1.06	ug/g ww	360	6
5b	1	2017	Lake Pillsbury	L2	Largemouth Bass	I_111PLP137L2BOG17LMB02-08	111PLP137L2BOG17LMB02-08	Mercury	1.03	ug/g ww	380	7
5b	1	2017	Lake Pillsbury	L2	Largemouth Bass	I_111PLP137L2BOG17LMB02-07	111PLP137L2BOG17LMB02-07	Mercury	1.02	ug/g ww	382	7
5b	1	2017	Lake Pillsbury	L2	Largemouth Bass	I_111PLP137L2BOG17LMB02-06	111PLP137L2BOG17LMB02-06	Mercury	0.88	ug/g ww	398	6
5b	1	2017	Lake Pillsbury	L2	Largemouth Bass	I_111PLP137L2BOG17LMB02-10	111PLP137L2BOG17LMB02-10	Mercury	1.23	ug/g ww	410	10
5b	1	2017	Lake Pillsbury	L2	Largemouth Bass	I_111PLP137L2BOG17LMB02-11	111PLP137L2BOG17LMB02-11	Mercury	0.89	ug/g ww	410	10
17	2	2017	Coyote Lake	NA	Largemouth Bass	I_205PCL212BOG17LMB02-01	205PCL212BOG17LMB02-01	Mercury	0.42	ug/g ww	219	2
17	2	2017	Coyote Lake	NA	Largemouth Bass	I_205PCL212BOG17LMB02-02	205PCL212BOG17LMB02-02	Mercury	0.29	ug/g ww	232	3
17	2	2017	Coyote Lake	NA	Largemouth Bass	I_205PCL212BOG17LMB02-03	205PCL212BOG17LMB02-03	Mercury	0.55	ug/g ww	251	4
17	2	2017	Coyote Lake	NA	Black Crappie	I_205PCL212BOG17BCR01-10	205PCL212BOG17BCR01-10	Mercury	0.65	ug/g ww	290	
17	2	2017	Coyote Lake	NA	Black Crappie	I_205PCL212BOG17BCR01-10	205PCL212BOG17BCR01-10	Selenium	0.53	ug/g ww	290	
17	2	2017	Coyote Lake	NA	Largemouth Bass	I_205PCL212BOG17LMB02-04	205PCL212BOG17LMB02-04	Mercury	0.86	ug/g ww	300	6
17	2	2017	Coyote Lake	NA	Largemouth Bass	I_205PCL212BOG17LMB02-08	205PCL212BOG17LMB02-08	Mercury	0.95	ug/g ww	315	4
17	2	2017	Coyote Lake	NA	Largemouth Bass	I_205PCL212BOG17LMB02-06	205PCL212BOG17LMB02-06	Mercury	0.74	ug/g ww	322	6
17	2	2017	Coyote Lake	NA	Largemouth Bass	I_205PCL212BOG17LMB02-05	205PCL212BOG17LMB02-05	Mercury	0.88	ug/g ww	325	6
17	2	2017	Coyote Lake	NA	Largemouth Bass	I_205PCL212BOG17LMB02-07	205PCL212BOG17LMB02-07	Mercury	0.77	ug/g ww	335	6
17	2	2017	Coyote Lake	NA	Largemouth Bass	I_205PCL212BOG17LMB02-09	205PCL212BOG17LMB02-09	Mercury	0.90	ug/g ww	382	6
17	2	2017	Coyote Lake	NA	Largemouth Bass	I_205PCL212BOG17LMB02-10	205PCL212BOG17LMB02-10	Mercury	0.97	ug/g ww	450	8
17	2	2017	Coyote Lake	NA	Largemouth Bass	I_205PCL212BOG17LMB02-11	205PCL212BOG17LMB02-11	Mercury	1.11	ug/g ww	493	9

Label on Map	Regional Board	Sample Year	Station Name	Location Code	Common Name	SampleID	OrganismID	Parameter	Result	Unit Name	Total Length (mm)	Age (year)
12	2	2017	Nicasio Lake	NA	Largemouth Bass	I_201PNL105BOG17LMB02-01	201PNL105BOG17LMB02-01	Mercury	0.19	ug/g ww	231	3
12	2	2017	Nicasio Lake	NA	Largemouth Bass	I_201PNL105BOG17LMB02-02	201PNL105BOG17LMB02-02	Mercury	0.26	ug/g ww	237	3
12	2	2017	Nicasio Lake	NA	Largemouth Bass	I_201PNL105BOG17LMB02-03	201PNL105BOG17LMB02-03	Mercury	0.34	ug/g ww	269	4
12	2	2017	Nicasio Lake	NA	Largemouth Bass	I_201PNL105BOG17LMB02-04	201PNL105BOG17LMB02-04	Mercury	0.30	ug/g ww	280	4
12	2	2017	Nicasio Lake	NA	Largemouth Bass	I_201PNL105BOG17LMB02-05	201PNL105BOG17LMB02-05	Mercury	0.18	ug/g ww	291	5
12	2	2017	Nicasio Lake	NA	Largemouth Bass	I_201PNL105BOG17LMB02-06	201PNL105BOG17LMB02-06	Mercury	0.29	ug/g ww	325	6
12	2	2017	Nicasio Lake	NA	Largemouth Bass	I_201PNL105BOG17LMB02-07	201PNL105BOG17LMB02-07	Mercury	0.35	ug/g ww	360	8
12	2	2017	Nicasio Lake	NA	Largemouth Bass	I_201PNL105BOG17LMB02-08	201PNL105BOG17LMB02-08	Mercury	0.35	ug/g ww	380	8
12	2	2017	Nicasio Lake	NA	Largemouth Bass	I_201PNL105BOG17LMB02-09	201PNL105BOG17LMB02-09	Mercury	0.49	ug/g ww	382	8
12	2	2017	Nicasio Lake	NA	Largemouth Bass	I_201PNL105BOG17LMB02-10	201PNL105BOG17LMB02-10	Mercury	0.70	ug/g ww	435	9
12	2	2017	Nicasio Lake	NA	Largemouth Bass	I_201PNL105BOG17LMB02-11	201PNL105BOG17LMB02-11	Mercury	0.73	ug/g ww	470	10
13	2	2017	San Pablo Reservoir	NA	Largemouth Bass	I_206PSP205BOG17LMB02-01	206PSP205BOG17LMB02-01	Mercury	0.37	ug/g ww	215	3
13	2	2017	San Pablo Reservoir	NA	Largemouth Bass	I_206PSP205BOG17LMB02-02	206PSP205BOG17LMB02-02	Mercury	0.51	ug/g ww	243	3
13	2	2017	San Pablo Reservoir	NA	Largemouth Bass	I_206PSP205BOG17LMB02-04	206PSP205BOG17LMB02-04	Mercury	0.46	ug/g ww	253	4
13	2	2017	San Pablo Reservoir	NA	Largemouth Bass	I_206PSP205BOG17LMB02-03	206PSP205BOG17LMB02-03	Mercury	0.46	ug/g ww	264	4
13	2	2017	San Pablo Reservoir	NA	Largemouth Bass	I_206PSP205BOG17LMB02-05	206PSP205BOG17LMB02-05	Mercury	0.55	ug/g ww	310	5
13	2	2017	San Pablo Reservoir	NA	Largemouth Bass	I_206PSP205BOG17LMB02-07	206PSP205BOG17LMB02-07	Mercury	0.65	ug/g ww	324	5
13	2	2017	San Pablo Reservoir	NA	Largemouth Bass	I_206PSP205BOG17LMB02-06	206PSP205BOG17LMB02-06	Mercury	0.47	ug/g ww	335	6
13	2	2017	San Pablo Reservoir	NA	Largemouth Bass	I_206PSP205BOG17LMB02-08	206PSP205BOG17LMB02-08	Mercury	0.51	ug/g ww	342	7
13	2	2017	San Pablo Reservoir	NA	Largemouth Bass	I_206PSP205BOG17LMB02-09	206PSP205BOG17LMB02-09	Mercury	0.59	ug/g ww	358	8
13	2	2017	San Pablo Reservoir	NA	Largemouth Bass	I_206PSP205BOG17LMB02-10	206PSP205BOG17LMB02-10	Mercury	0.70	ug/g ww	408	10
13	2	2017	San Pablo Reservoir	NA	Largemouth Bass	I_206PSP205BOG17LMB02-11	206PSP205BOG17LMB02-11	Mercury	0.83	ug/g ww	453	11
14	2	2017	Upper San Leandro Rese	NA	Largemouth Bass	I_204TL0138BOG17LMB02-01	204TL0138BOG17LMB02-01	Mercury	0.72	ug/g ww	236	2
14	2	2017	Upper San Leandro Rese	NA	Largemouth Bass	I_204TL0138BOG17LMB02-02	204TL0138BOG17LMB02-02	Mercury	0.81	ug/g ww	242	3
14	2	2017	Upper San Leandro Rese	NA	Largemouth Bass	I_204TL0138BOG17LMB02-04	204TL0138BOG17LMB02-04	Mercury	0.54	ug/g ww	258	4
14	2	2017	Upper San Leandro Rese	NA	Largemouth Bass	I_204TL0138BOG17LMB02-03	204TL0138BOG17LMB02-03	Mercury	0.66	ug/g ww	275	4
14	2	2017	Upper San Leandro Rese	NA	Largemouth Bass	I_204TL0138BOG17LMB02-06	204TL0138BOG17LMB02-06	Mercury	0.64	ug/g ww	308	5
14	2	2017	Upper San Leandro Rese	NA	Largemouth Bass	I_204TL0138BOG17LMB02-05	204TL0138BOG17LMB02-05	Mercury	0.80	ug/g ww	316	6
14	2	2017	Upper San Leandro Rese	NA	Largemouth Bass	I_204TL0138BOG17LMB02-07	204TL0138BOG17LMB02-07	Mercury	0.79	ug/g ww	348	7
14	2	2017	Upper San Leandro Rese	NA	Largemouth Bass	I_204TL0138BOG17LMB02-08	204TL0138BOG17LMB02-08	Mercury	0.90	ug/g ww	398	8
14	2	2017	Upper San Leandro Rese	NA	Largemouth Bass	I_204TL0138BOG17LMB02-09	204TL0138BOG17LMB02-09	Mercury	1.24	ug/g ww	404	9
14	2	2017	Upper San Leandro Rese	NA	Largemouth Bass	I_204TL0138BOG17LMB02-10	204TL0138BOG17LMB02-10	Mercury	0.92	ug/g ww	411	10
14	2	2017	Upper San Leandro Rese	NA	Largemouth Bass	I_204TL0138BOG17LMB02-11	204TL0138BOG17LMB02-11	Mercury	0.84	ug/g ww	422	10
16	3	2017	Chesbro Reservoir	NA	Largemouth Bass	I_305PCB032BOG17LMB01-01	305PCB032BOG17LMB01-01	Mercury	0.56	ug/g ww	208	3
16	3	2017	Chesbro Reservoir	NA	Largemouth Bass	I_305PCB032BOG17LMB01-02	305PCB032BOG17LMB01-02	Mercury	0.61	ug/g ww	220	3
16	3	2017	Chesbro Reservoir	NA	Largemouth Bass	I_305PCB032BOG17LMB01-03	305PCB032BOG17LMB01-03	Mercury	0.72	ug/g ww	280	4
16	3	2017	Chesbro Reservoir	NA	Largemouth Bass	I_305PCB032BOG17LMB01-04	305PCB032BOG17LMB01-04	Mercury	0.86	ug/g ww	295	4
16	3	2017	Chesbro Reservoir	NA	Largemouth Bass	I_305PCB032BOG17LMB01-05	305PCB032BOG17LMB01-05	Mercury	0.89	ug/g ww	315	5
16	3	2017	Chesbro Reservoir	NA	Largemouth Bass	I_305PCB032BOG17LMB01-06	305PCB032BOG17LMB01-06	Mercury	0.83	ug/g ww	346	6
16	3	2017	Chesbro Reservoir	NA	Largemouth Bass	I_305PCB032BOG17LMB01-08	305PCB032BOG17LMB01-08	Mercury	0.92	ug/g ww	365	8
16	3	2017	Chesbro Reservoir	NA	Largemouth Bass	I_305PCB032BOG17LMB01-07	305PCB032BOG17LMB01-07	Mercury	0.93	ug/g ww	380	7
16	3	2017	Chesbro Reservoir	NA	Largemouth Bass	I_305PCB032BOG17LMB01-09	305PCB032BOG17LMB01-09	Mercury	1.05	ug/g ww	380	7
16	3	2017	Chesbro Reservoir	NA	Largemouth Bass	I_305PCB032BOG17LMB01-10	305PCB032BOG17LMB01-10	Mercury	1.20	ug/g ww	409	8
16	3	2017	Chesbro Reservoir	NA	Largemouth Bass	I_305PCB032BOG17LMB01-11	305PCB032BOG17LMB01-11	Mercury	1.78	ug/g ww	552	11
23a	3	2017	Lake Cachuma	L1	Largemouth Bass	I_314PLC191L1BOG17LMB02-01	314PLC191L1BOG17LMB02-01	Mercury	0.08	ug/g ww	160	2
23a	3	2017	Lake Cachuma	L1	Largemouth Bass	I_314PLC191L1BOG17LMB02-02	314PLC191L1BOG17LMB02-02	Mercury	0.10	ug/g ww	201	2

Label on Map	Regional Board	Sample Year	Station Name	Location Code	Common Name	SampleID	OrganismID	Parameter	Result	Unit Name	Total Length (mm)	Age (year)
23a	3	2017	Lake Cachuma	L1	Largemouth Bass	I_314PLC191L1BOG17LMB02-03	314PLC191L1BOG17LMB02-03	Mercury	0.08	ug/g ww	300	3
23a	3	2017	Lake Cachuma	L1	Largemouth Bass	I_314PLC191L1BOG17LMB02-04	314PLC191L1BOG17LMB02-04	Mercury	0.09	ug/g ww	301	4
23a	3	2017	Lake Cachuma	L1	Largemouth Bass	I_314PLC191L1BOG17LMB02-06	314PLC191L1BOG17LMB02-06	Mercury	0.20	ug/g ww	315	6
23a	3	2017	Lake Cachuma	L1	Largemouth Bass	I_314PLC191L1BOG17LMB02-05	314PLC191L1BOG17LMB02-05	Mercury	0.09	ug/g ww	325	6
23a	3	2017	Lake Cachuma	L1	Largemouth Bass	I_314PLC191L1BOG17LMB02-07	314PLC191L1BOG17LMB02-07	Mercury	0.18	ug/g ww	353	8
23a	3	2017	Lake Cachuma	L1	Largemouth Bass	I_314PLC191L1BOG17LMB02-09	314PLC191L1BOG17LMB02-09	Mercury	0.15	ug/g ww	355	8
23a	3	2017	Lake Cachuma	L1	Largemouth Bass	I_314PLC191L1BOG17LMB02-08	314PLC191L1BOG17LMB02-08	Mercury	0.20	ug/g ww	364	8
23a	3	2017	Lake Cachuma	L1	Largemouth Bass	I_314PLC191L1BOG17LMB02-10	314PLC191L1BOG17LMB02-10	Mercury	0.66	ug/g ww	409	9
23a	3	2017	Lake Cachuma	L1	Largemouth Bass	I_314PLC191L1BOG17LMB02-11	314PLC191L1BOG17LMB02-11	Mercury	0.90	ug/g ww	449	10
23b	3	2017	Lake Cachuma	L2	Largemouth Bass	I_314PLC191L2BOG17LMB02-01	314PLC191L2BOG17LMB02-01	Mercury	0.15	ug/g ww	202	3
23b	3	2017	Lake Cachuma	L2	Largemouth Bass	I_314PLC191L2BOG17LMB02-02	314PLC191L2BOG17LMB02-02	Mercury	0.12	ug/g ww	217	3
23b	3	2017	Lake Cachuma	L2	Largemouth Bass	I_314PLC191L2BOG17LMB02-03	314PLC191L2BOG17LMB02-03	Mercury	0.13	ug/g ww	252	3
23b	3	2017	Lake Cachuma	L2	Largemouth Bass	I_314PLC191L2BOG17LMB02-04	314PLC191L2BOG17LMB02-04	Mercury	0.16	ug/g ww	303	4
23b	3	2017	Lake Cachuma	L2	Largemouth Bass	I_314PLC191L2BOG17LMB02-05	314PLC191L2BOG17LMB02-05	Mercury	0.12	ug/g ww	316	5
23b	3	2017	Lake Cachuma	L2	Largemouth Bass	I_314PLC191L2BOG17LMB02-06	314PLC191L2BOG17LMB02-06	Mercury	0.10	ug/g ww	320	5
23b	3	2017	Lake Cachuma	L2	Largemouth Bass	I_314PLC191L2BOG17LMB02-07	314PLC191L2BOG17LMB02-07	Mercury	0.16	ug/g ww	333	6
23b	3	2017	Lake Cachuma	L2	Largemouth Bass	I_314PLC191L2BOG17LMB02-09	314PLC191L2BOG17LMB02-09	Mercury	0.21	ug/g ww	357	7
23b	3	2017	Lake Cachuma	L2	Largemouth Bass	I_314PLC191L2BOG17LMB02-08	314PLC191L2BOG17LMB02-08	Mercury	0.15	ug/g ww	364	7
23b	3	2017	Lake Cachuma	L2	Largemouth Bass	I_314PLC191L2BOG17LMB02-11	314PLC191L2BOG17LMB02-11	Mercury	0.30	ug/g ww	407	7
23b	3	2017	Lake Cachuma	L2	Largemouth Bass	I_314PLC191L2BOG17LMB02-10	314PLC191L2BOG17LMB02-10	Mercury	0.29	ug/g ww	414	8
22	3	2017	Lopez Lake	NA	Largemouth Bass	I_310PLL106BOG17LMB01-01	310PLL106BOG17LMB01-01	Mercury	0.05	ug/g ww	236	2
22	3	2017	Lopez Lake	NA	Largemouth Bass	I_310PLL106BOG17LMB01-02	310PLL106BOG17LMB01-02	Mercury	0.04	ug/g ww	243	2
22	3	2017	Lopez Lake	NA	Largemouth Bass	I_310PLL106BOG17LMB01-03	310PLL106BOG17LMB01-03	Mercury	0.05	ug/g ww	293	4
22	3	2017	Lopez Lake	NA	Largemouth Bass	I_310PLL106BOG17LMB01-04	310PLL106BOG17LMB01-04	Mercury	0.05	ug/g ww	293	4
22	3	2017	Lopez Lake	NA	Largemouth Bass	I_310PLL106BOG17LMB01-05	310PLL106BOG17LMB01-05	Mercury	0.06	ug/g ww	315	5
22	3	2017	Lopez Lake	NA	Largemouth Bass	I_310PLL106BOG17LMB01-06	310PLL106BOG17LMB01-06	Mercury	0.06	ug/g ww	352	6
22	3	2017	Lopez Lake	NA	Largemouth Bass	I_310PLL106BOG17LMB01-07	310PLL106BOG17LMB01-07	Mercury	0.12	ug/g ww	364	6
22	3	2017	Lopez Lake	NA	Largemouth Bass	I_310PLL106BOG17LMB01-08	310PLL106BOG17LMB01-08	Mercury	0.17	ug/g ww	400	7
22	3	2017	Lopez Lake	NA	Largemouth Bass	I_310PLL106BOG17LMB01-09	310PLL106BOG17LMB01-09	Mercury	0.19	ug/g ww	400	7
22	3	2017	Lopez Lake	NA	Largemouth Bass	I_310PLL106BOG17LMB01-11	310PLL106BOG17LMB01-11	Mercury	0.32	ug/g ww	430	9
22	3	2017	Lopez Lake	NA	Largemouth Bass	I_310PLL106BOG17LMB01-10	310PLL106BOG17LMB01-10	Mercury	0.29	ug/g ww	448	9
19	3	2017	Pinto Lake	NA	Largemouth Bass	I_305PPL088BOG17LMB02-01	305PPL088BOG17LMB02-01	Mercury	0.15	ug/g ww	235	3
19	3	2017	Pinto Lake	NA	Largemouth Bass	I_305PPL088BOG17LMB02-03	305PPL088BOG17LMB02-03	Mercury	0.14	ug/g ww	245	4
19	3	2017	Pinto Lake	NA	Largemouth Bass	I_305PPL088BOG17LMB02-02	305PPL088BOG17LMB02-02	Mercury	0.19	ug/g ww	255	3
19	3	2017	Pinto Lake	NA	Largemouth Bass	I_305PPL088BOG17LMB02-04	305PPL088BOG17LMB02-04	Mercury	0.17	ug/g ww	277	4
19	3	2017	Pinto Lake	NA	Largemouth Bass	I_305PPL088BOG17LMB02-05	305PPL088BOG17LMB02-05	Mercury	0.22	ug/g ww	315	6
19	3	2017	Pinto Lake	NA	Largemouth Bass	I_305PPL088BOG17LMB02-06	305PPL088BOG17LMB02-06	Mercury	0.20	ug/g ww	325	6
19	3	2017	Pinto Lake	NA	Largemouth Bass	I_305PPL088BOG17LMB02-08	305PPL088BOG17LMB02-08	Mercury	0.18	ug/g ww	373	8
19	3	2017	Pinto Lake	NA	Largemouth Bass	I_305PPL088BOG17LMB02-07	305PPL088BOG17LMB02-07	Mercury	0.29	ug/g ww	375	7
19	3	2017	Pinto Lake	NA	Largemouth Bass	I_305PPL088BOG17LMB02-09	305PPL088BOG17LMB02-09	Mercury	0.28	ug/g ww	397	9
19	3	2017	Pinto Lake	NA	Largemouth Bass	I_305PPL088BOG17LMB03-01	305PPL088BOG17LMB03-01	Mercury	0.24	ug/g ww	420	10
19	3	2017	Pinto Lake	NA	Largemouth Bass	I_305PPL088BOG17LMB03-02	305PPL088BOG17LMB03-02	Mercury	0.28	ug/g ww	440	11
29	4	2017	Alondra Park Lake	NA	Largemouth Bass	I_411PAP023BOG17LMB02-01	411PAP023BOG17LMB02-01	Mercury	0.13	ug/g ww	252	3
29	4	2017	Alondra Park Lake	NA	Largemouth Bass	I_411PAP023BOG17LMB02-02	411PAP023BOG17LMB02-02	Mercury	0.17	ug/g ww	260	4
29	4	2017	Alondra Park Lake	NA	Largemouth Bass	I_411PAP023BOG17LMB02-03	411PAP023BOG17LMB02-03	Mercury	0.14	ug/g ww	275	5
29	4	2017	Alondra Park Lake	NA	Largemouth Bass	I_411PAP023BOG17LMB02-04	411PAP023BOG17LMB02-04	Mercury	0.11	ug/g ww	289	6

Label on Map	Regional Board	Sample Year	Station Name	Location Code	Common Name	SampleID	OrganismID	Parameter	Result	Unit Name	Total Length (mm)	Age (year)
29	4	2017	Alondra Park Lake	NA	Largemouth Bass	I_411PAP023BOG17LMB02-05	411PAP023BOG17LMB02-05	Mercury	0.17	ug/g ww	320	6
29	4	2017	Alondra Park Lake	NA	Largemouth Bass	I_411PAP023BOG17LMB02-07	411PAP023BOG17LMB02-07	Mercury	0.14	ug/g ww	335	7
29	4	2017	Alondra Park Lake	NA	Largemouth Bass	I_411PAP023BOG17LMB02-06	411PAP023BOG17LMB02-06	Mercury	0.17	ug/g ww	350	7
29	4	2017	Alondra Park Lake	NA	Largemouth Bass	I_411PAP023BOG17LMB02-09	411PAP023BOG17LMB02-09	Mercury	0.29	ug/g ww	361	7
29	4	2017	Alondra Park Lake	NA	Largemouth Bass	I_411PAP023BOG17LMB02-08	411PAP023BOG17LMB02-08	Mercury	0.19	ug/g ww	368	7
29	4	2017	Alondra Park Lake	NA	Largemouth Bass	I_411PAP023BOG17LMB02-10	411PAP023BOG17LMB02-10	Mercury	0.23	ug/g ww	408	10
29	4	2017	Alondra Park Lake	NA	Largemouth Bass	I_411PAP023BOG17LMB02-11	411PAP023BOG17LMB02-11	Mercury	0.34	ug/g ww	480	12
28	4	2017	Magic Johnson Lakes	NA	Largemouth Bass	I_412MGJSLKBOG17LMB02-01	412MGJSLKBOG17LMB02-01	Mercury	0.31	ug/g ww	230	3
28	4	2017	Magic Johnson Lakes	NA	Largemouth Bass	I_412MGJSLKBOG17LMB02-02	412MGJSLKBOG17LMB02-02	Mercury	0.64	ug/g ww	248	4
28	4	2017	Magic Johnson Lakes	NA	Largemouth Bass	I_412MGJSLKBOG17LMB02-04	412MGJSLKBOG17LMB02-04	Mercury	0.23	ug/g ww	270	6
28	4	2017	Magic Johnson Lakes	NA	Largemouth Bass	I_412MGJSLKBOG17LMB02-03	412MGJSLKBOG17LMB02-03	Mercury	0.64	ug/g ww	274	5
28	4	2017	Magic Johnson Lakes	NA	Largemouth Bass	I_412MGJSLKBOG17LMB02-05	412MGJSLKBOG17LMB02-05	Mercury	0.55	ug/g ww	312	6
28	4	2017	Magic Johnson Lakes	NA	Largemouth Bass	I_412MGJSLKBOG17LMB02-08	412MGJSLKBOG17LMB02-08	Mercury	0.45	ug/g ww	315	6
28	4	2017	Magic Johnson Lakes	NA	Largemouth Bass	I_412MGJSLKBOG17LMB02-09	412MGJSLKBOG17LMB02-09	Mercury	0.57	ug/g ww	322	7
28	4	2017	Magic Johnson Lakes	NA	Largemouth Bass	I_412MGJSLKBOG17LMB02-07	412MGJSLKBOG17LMB02-07	Mercury	0.89	ug/g ww	328	6
28	4	2017	Magic Johnson Lakes	NA	Largemouth Bass	I_412MGJSLKBOG17LMB02-06	412MGJSLKBOG17LMB02-06	Mercury	0.57	ug/g ww	384	7
28	4	2017	Magic Johnson Lakes	NA	Largemouth Bass	I_412MGJSLKBOG17LMB02-11	412MGJSLKBOG17LMB02-11	Mercury	1.22	ug/g ww	409	8
28	4	2017	Magic Johnson Lakes	NA	Largemouth Bass	I_412MGJSLKBOG17LMB02-10	412MGJSLKBOG17LMB02-10	Mercury	0.91	ug/g ww	460	11
3	5	2017	Butte Lake	NA	Largemouth Bass	I_526PBL114BOG17LMB02-01	526PBL114BOG17LMB02-01	Mercury	0.29	ug/g ww	206	3
3	5	2017	Butte Lake	NA	Largemouth Bass	I_526PBL114BOG17LMB02-02	526PBL114BOG17LMB02-02	Mercury	0.39	ug/g ww	235	4
3	5	2017	Butte Lake	NA	Largemouth Bass	I_526PBL114BOG17LMB02-03	526PBL114BOG17LMB02-03	Mercury	0.46	ug/g ww	262	4
3	5	2017	Butte Lake	NA	Largemouth Bass	I_526PBL114BOG17LMB02-04	526PBL114BOG17LMB02-04	Mercury	0.44	ug/g ww	305	5
3	5	2017	Butte Lake	NA	Largemouth Bass	I_526PBL114BOG17LMB02-05	526PBL114BOG17LMB02-05	Mercury	0.45	ug/g ww	334	6
3	5	2017	Butte Lake	NA	Largemouth Bass	I_526PBL114BOG17LMB02-06	526PBL114BOG17LMB02-06	Mercury	0.50	ug/g ww	337	7
3	5	2017	Butte Lake	NA	Largemouth Bass	I_526PBL114BOG17LMB02-08	526PBL114BOG17LMB02-08	Mercury	0.60	ug/g ww	358	8
3	5	2017	Butte Lake	NA	Largemouth Bass	I_526PBL114BOG17LMB02-07	526PBL114BOG17LMB02-07	Mercury	0.55	ug/g ww	363	7
3	5	2017	Butte Lake	NA	Largemouth Bass	I_526PBL114BOG17LMB02-10	526PBL114BOG17LMB02-10	Mercury	0.65	ug/g ww	373	8
3	5	2017	Butte Lake	NA	Largemouth Bass	I_526PBL114BOG17LMB02-09	526PBL114BOG17LMB02-09	Mercury	0.48	ug/g ww	382	8
3	5	2017	Butte Lake	NA	Largemouth Bass	I_526PBL114BOG17LMB02-11	526PBL114BOG17LMB02-11	Mercury	0.70	ug/g ww	433	10
6	5	2017	Collins Lake	NA	Largemouth Bass	I_517PCL005BOG17LMB02-01	517PCL005BOG17LMB02-01	Mercury	0.32	ug/g ww	215	3
6	5	2017	Collins Lake	NA	Largemouth Bass	I_517PCL005BOG17LMB02-02	517PCL005BOG17LMB02-02	Mercury	0.26	ug/g ww	225	3
6	5	2017	Collins Lake	NA	Largemouth Bass	I_517PCL005BOG17LMB02-03	517PCL005BOG17LMB02-03	Mercury	0.54	ug/g ww	289	4
6	5	2017	Collins Lake	NA	Largemouth Bass	I_517PCL005BOG17LMB02-04	517PCL005BOG17LMB02-04	Mercury	0.36	ug/g ww	300	4
6	5	2017	Collins Lake	NA	Largemouth Bass	I_517PCL005BOG17LMB02-05	517PCL005BOG17LMB02-05	Mercury	0.28	ug/g ww	310	4
6	5	2017	Collins Lake	NA	Largemouth Bass	I_517PCL005BOG17LMB02-06	517PCL005BOG17LMB02-06	Mercury	0.33	ug/g ww	315	5
6	5	2017	Collins Lake	NA	Largemouth Bass	I_517PCL005BOG17LMB02-07	517PCL005BOG17LMB02-07	Mercury	0.65	ug/g ww	322	5
6	5	2017	Collins Lake	NA	Largemouth Bass	I_517PCL005BOG17LMB02-08	517PCL005BOG17LMB02-08	Mercury	0.53	ug/g ww	365	7
6	5	2017	Collins Lake	NA	Largemouth Bass	I_517PCL005BOG17LMB03-01	517PCL005BOG17LMB03-01	Mercury	0.67	ug/g ww	375	8
6	5	2017	Collins Lake	NA	Largemouth Bass	I_517PCL005BOG17LMB03-02	517PCL005BOG17LMB03-02	Mercury	0.56	ug/g ww	428	10
6	5	2017	Collins Lake	NA	Largemouth Bass	I_517PCL005BOG17LMB03-03	517PCL005BOG17LMB03-03	Mercury	0.69	ug/g ww	444	10
8	5	2017	Davis Creek Reservoir	NA	Largemouth Bass	I_513DAVSCRBOG17LMB02-01	513DAVSCRBOG17LMB02-01	Mercury	1.70	ug/g ww	219	3
8	5	2017	Davis Creek Reservoir	NA	Largemouth Bass	I_513DAVSCRBOG17LMB02-02	513DAVSCRBOG17LMB02-02	Mercury	1.34	ug/g ww	224	5
8	5	2017	Davis Creek Reservoir	NA	Largemouth Bass	I_513DAVSCRBOG17LMB02-03	513DAVSCRBOG17LMB02-03	Mercury	0.98	ug/g ww	257	4
8	5	2017	Davis Creek Reservoir	NA	Largemouth Bass	I_513DAVSCRBOG17LMB02-04	513DAVSCRBOG17LMB02-04	Mercury	1.19	ug/g ww	279	6
8	5	2017	Davis Creek Reservoir	NA	Largemouth Bass	I_513DAVSCRBOG17LMB02-05	513DAVSCRBOG17LMB02-05	Mercury	1.78	ug/g ww	325	7
8	5	2017	Davis Creek Reservoir	NA	Largemouth Bass	I_513DAVSCRBOG17LMB02-06	513DAVSCRBOG17LMB02-06	Mercury	1.66	ug/g ww	335	6

Label on Map	Regional Board	Sample Year	Station Name	Location Code	Common Name	SampleID	OrganismID	Parameter	Result	Unit Name	Total Length (mm)	Age (year)
8	5	2017	Davis Creek Reservoir	NA	Largemouth Bass	I_513DAVSCRBOG17LMB02-08	513DAVSCRBOG17LMB02-08	Mercury	1.10	ug/g ww	364	8
8	5	2017	Davis Creek Reservoir	NA	Largemouth Bass	I_513DAVSCRBOG17LMB02-07	513DAVSCRBOG17LMB02-07	Mercury	1.06	ug/g ww	366	8
8	5	2017	Davis Creek Reservoir	NA	Largemouth Bass	I_513DAVSCRBOG17LMB03-01	513DAVSCRBOG17LMB03-01	Mercury	2.02	ug/g ww	383	9
8	5	2017	Davis Creek Reservoir	NA	Largemouth Bass	I_513DAVSCRBOG17LMB03-02	513DAVSCRBOG17LMB03-02	Mercury	2.45	ug/g ww	464	10
8	5	2017	Davis Creek Reservoir	NA	Largemouth Bass	I_513DAVSCRBOG17LMB03-03	513DAVSCRBOG17LMB03-03	Mercury	1.13	ug/g ww	465	10
15a	5	2017	Hensley Lake	L1	Largemouth Bass	I_539PHL082L1BOG17LMB01-01	539PHL082L1BOG17LMB01-01	Mercury	0.62	ug/g ww	225	3
15a	5	2017	Hensley Lake	L1	Largemouth Bass	I_539PHL082L1BOG17LMB01-02	539PHL082L1BOG17LMB01-02	Mercury	0.67	ug/g ww	230	3
15a	5	2017	Hensley Lake	L1	Largemouth Bass	I_539PHL082L1BOG17LMB01-03	539PHL082L1BOG17LMB01-03	Mercury	0.25	ug/g ww	248	4
15a	5	2017	Hensley Lake	L1	Largemouth Bass	I_539PHL082L1BOG17LMB01-04	539PHL082L1BOG17LMB01-04	Mercury	0.59	ug/g ww	262	4
15a	5	2017	Hensley Lake	L1	Largemouth Bass	I_539PHL082L1BOG17LMB01-05	539PHL082L1BOG17LMB01-05	Mercury	0.73	ug/g ww	298	5
15a	5	2017	Hensley Lake	L1	Largemouth Bass	I_539PHL082L1BOG17LMB01-06	539PHL082L1BOG17LMB01-06	Mercury	0.38	ug/g ww	332	6
15a	5	2017	Hensley Lake	L1	Largemouth Bass	I_539PHL082L1BOG17LMB01-07	539PHL082L1BOG17LMB01-07	Mercury	0.78	ug/g ww	342	6
15a	5	2017	Hensley Lake	L1	Largemouth Bass	I_539PHL082L1BOG17LMB02-01	539PHL082L1BOG17LMB02-01	Mercury	1.08	ug/g ww	560	
15b	5	2017	Hensley Lake	L2	Largemouth Bass	I_539PHL082L2BOG17LMB02-01	539PHL082L2BOG17LMB02-01	Mercury	0.34	ug/g ww	213	3
15b	5	2017	Hensley Lake	L2	Largemouth Bass	I_539PHL082L2BOG17LMB02-02	539PHL082L2BOG17LMB02-02	Mercury	0.29	ug/g ww	222	3
15b	5	2017	Hensley Lake	L2	Largemouth Bass	I_539PHL082L2BOG17LMB02-03	539PHL082L2BOG17LMB02-03	Mercury	0.68	ug/g ww	233	3
15b	5	2017	Hensley Lake	L2	Largemouth Bass	I_539PHL082L2BOG17LMB02-04	539PHL082L2BOG17LMB02-04	Mercury	0.78	ug/g ww	262	4
15b	5	2017	Hensley Lake	L2	Largemouth Bass	I_539PHL082L2BOG17LMB02-05	539PHL082L2BOG17LMB02-05	Mercury	0.74	ug/g ww	270	5
15b	5	2017	Hensley Lake	L2	Largemouth Bass	I_539PHL082L2BOG17LMB02-06	539PHL082L2BOG17LMB02-06	Mercury	0.77	ug/g ww	294	6
15b	5	2017	Hensley Lake	L2	Largemouth Bass	I_539PHL082L2BOG17LMB02-07	539PHL082L2BOG17LMB02-07	Mercury	0.68	ug/g ww	307	6
15b	5	2017	Hensley Lake	L2	Largemouth Bass	I_539PHL082L2BOG17LMB02-08	539PHL082L2BOG17LMB02-08	Mercury	0.63	ug/g ww	320	7
15b	5	2017	Hensley Lake	L2	Largemouth Bass	I_539PHL082L2BOG17LMB02-09	539PHL082L2BOG17LMB02-09	Mercury	0.70	ug/g ww	320	7
15b	5	2017	Hensley Lake	L2	Largemouth Bass	I_539PHL082L2BOG17LMB02-10	539PHL082L2BOG17LMB02-10	Mercury	0.73	ug/g ww	345	8
15b	5	2017	Hensley Lake	L2	Largemouth Bass	I_539PHL082L2BOG17LMB02-11	539PHL082L2BOG17LMB02-11	Mercury	0.83	ug/g ww	385	9
20a	5	2017	Isabella Lake	L1	Largemouth Bass	I_554PLB026L1BOG17LMB02-01	554PLB026L1BOG17LMB02-01	Mercury	0.26	ug/g ww	210	3
20a	5	2017	Isabella Lake	L1	Largemouth Bass	I_554PLB026L1BOG17LMB02-02	554PLB026L1BOG17LMB02-02	Mercury	0.33	ug/g ww	211	3
20a	5	2017	Isabella Lake	L1	Largemouth Bass	I_554PLB026L1BOG17LMB02-03	554PLB026L1BOG17LMB02-03	Mercury	0.26	ug/g ww	250	3
20a	5	2017	Isabella Lake	L1	Largemouth Bass	I_554PLB026L1BOG17LMB02-04	554PLB026L1BOG17LMB02-04	Mercury	0.25	ug/g ww	281	4
20a	5	2017	Isabella Lake	L1	Largemouth Bass	I_554PLB026L1BOG17LMB02-05	554PLB026L1BOG17LMB02-05	Mercury	0.20	ug/g ww	330	6
20a	5	2017	Isabella Lake	L1	Largemouth Bass	I_554PLB026L1BOG17LMB02-07	554PLB026L1BOG17LMB02-07	Mercury	0.26	ug/g ww	335	7
20a	5	2017	Isabella Lake	L1	Largemouth Bass	I_554PLB026L1BOG17LMB02-06	554PLB026L1BOG17LMB02-06	Mercury	0.31	ug/g ww	358	8
20a	5	2017	Isabella Lake	L1	Largemouth Bass	I_554PLB026L1BOG17LMB02-08	554PLB026L1BOG17LMB02-08	Mercury	0.30	ug/g ww	372	8
20a	5	2017	Isabella Lake	L1	Largemouth Bass	I_554PLB026L1BOG17LMB02-09	554PLB026L1BOG17LMB02-09	Mercury	0.42	ug/g ww	406	9
20a	5	2017	Isabella Lake	L1	Largemouth Bass	I_554PLB026L1BOG17LMB03-02	554PLB026L1BOG17LMB03-02	Mercury	0.29	ug/g ww	429	8
20a	5	2017	Isabella Lake	L1	Largemouth Bass	I_554PLB026L1BOG17LMB03-01	554PLB026L1BOG17LMB03-01	Mercury	0.27	ug/g ww	439	9
20b	5	2017	Isabella Lake	L2	Largemouth Bass	I_554PLB026L2BOG17LMB02-01	554PLB026L2BOG17LMB02-01	Mercury	0.32	ug/g ww	200	2
20b	5	2017	Isabella Lake	L2	Largemouth Bass	I_554PLB026L2BOG17LMB02-02	554PLB026L2BOG17LMB02-02	Mercury	0.18	ug/g ww	200	2
20b	5	2017	Isabella Lake	L2	Largemouth Bass	I_554PLB026L2BOG17LMB02-03	554PLB026L2BOG17LMB02-03	Mercury	0.40	ug/g ww	251	3
20b	5	2017	Isabella Lake	L2	Largemouth Bass	I_554PLB026L2BOG17LMB02-04	554PLB026L2BOG17LMB02-04	Mercury	0.28	ug/g ww	289	4
20b	5	2017	Isabella Lake	L2	Largemouth Bass	I_554PLB026L2BOG17LMB02-05	554PLB026L2BOG17LMB02-05	Mercury	0.47	ug/g ww	305	4
20b	5	2017	Isabella Lake	L2	Largemouth Bass	I_554PLB026L2BOG17LMB02-06	554PLB026L2BOG17LMB02-06	Mercury	0.34	ug/g ww	306	4
20b	5	2017	Isabella Lake	L2	Largemouth Bass	I_554PLB026L2BOG17LMB02-07	554PLB026L2BOG17LMB02-07	Mercury	0.40	ug/g ww	315	5
20b	5	2017	Isabella Lake	L2	Largemouth Bass	I_554PLB026L2BOG17LMB03-01	554PLB026L2BOG17LMB03-01	Mercury	0.37	ug/g ww	370	7
20b	5	2017	Isabella Lake	L2	Largemouth Bass	I_554PLB026L2BOG17LMB02-08	554PLB026L2BOG17LMB02-08	Mercury	0.21	ug/g ww	378	7
20b	5	2017	Isabella Lake	L2	Largemouth Bass	I_554PLB026L2BOG17LMB03-02	554PLB026L2BOG17LMB03-02	Mercury	0.50	ug/g ww	428	9
20b	5	2017	Isabella Lake	L2	Largemouth Bass	I_554PLB026L2BOG17LMB03-03	554PLB026L2BOG17LMB03-03	Mercury	0.38	ug/g ww	452	9

Label on Map	Regional Board	Sample Year	Station Name	Location Code	Common Name	SampleID	OrganismID	Parameter	Result	Unit Name	Total Length (mm)	Age (year)
9	5	2017	Lake Natomas	NA	Largemouth Bass	I_519PLN133BOG17LMB02-01	519PLN133BOG17LMB02-01	Mercury	0.34	ug/g ww	223	4
9	5	2017	Lake Natomas	NA	Largemouth Bass	I_519PLN133BOG17LMB02-02	519PLN133BOG17LMB02-02	Mercury	0.33	ug/g ww	230	4
9	5	2017	Lake Natomas	NA	Largemouth Bass	I_519PLN133BOG17LMB02-03	519PLN133BOG17LMB02-03	Mercury	0.43	ug/g ww	261	5
9	5	2017	Lake Natomas	NA	Largemouth Bass	I_519PLN133BOG17LMB02-04	519PLN133BOG17LMB02-04	Mercury	0.64	ug/g ww	292	6
9	5	2017	Lake Natomas	NA	Largemouth Bass	I_519PLN133BOG17LMB02-05	519PLN133BOG17LMB02-05	Mercury	0.50	ug/g ww	296	7
9	5	2017	Lake Natomas	NA	Largemouth Bass	I_519PLN133BOG17LMB02-06	519PLN133BOG17LMB02-06	Mercury	0.48	ug/g ww	355	9
9	5	2017	Lake Natomas	NA	Largemouth Bass	I_519PLN133BOG17LMB02-07	519PLN133BOG17LMB02-07	Mercury	0.67	ug/g ww	380	9
9	5	2017	Lake Natomas	NA	Largemouth Bass	I_519PLN133BOG17LMB02-08	519PLN133BOG17LMB02-08	Mercury	0.61	ug/g ww	385	9
9	5	2017	Lake Natomas	NA	Largemouth Bass	I_519PLN133BOG17LMB03-01	519PLN133BOG17LMB03-01	Mercury	0.61	ug/g ww	394	9
9	5	2017	Lake Natomas	NA	Largemouth Bass	I_519PLN133BOG17LMB03-02	519PLN133BOG17LMB03-02	Mercury	0.90	ug/g ww	415	10
9	5	2017	Lake Natomas	NA	Largemouth Bass	I_519PLN133BOG17LMB03-03	519PLN133BOG17LMB03-03	Mercury	0.40	ug/g ww	415	10
7	5	2017	Lake of the Pines	NA	Largemouth Bass	I_516TP0045BOG17LMB02-01	516TP0045BOG17LMB02-01	Mercury	0.10	ug/g ww	220	3
7	5	2017	Lake of the Pines	NA	Largemouth Bass	I_516TP0045BOG17LMB02-02	516TP0045BOG17LMB02-02	Mercury	0.05	ug/g ww	225	3
7	5	2017	Lake of the Pines	NA	Largemouth Bass	I_516TP0045BOG17LMB02-03	516TP0045BOG17LMB02-03	Mercury	0.05	ug/g ww	255	4
7	5	2017	Lake of the Pines	NA	Largemouth Bass	I_516TP0045BOG17LMB02-04	516TP0045BOG17LMB02-04	Mercury	0.07	ug/g ww	270	5
7	5	2017	Lake of the Pines	NA	Largemouth Bass	I_516TP0045BOG17LMB02-05	516TP0045BOG17LMB02-05	Mercury	0.07	ug/g ww	330	6
7	5	2017	Lake of the Pines	NA	Largemouth Bass	I_516TP0045BOG17LMB02-06	516TP0045BOG17LMB02-06	Mercury	0.08	ug/g ww	353	6
7	5	2017	Lake of the Pines	NA	Largemouth Bass	I_516TP0045BOG17LMB02-07	516TP0045BOG17LMB02-07	Mercury	0.10	ug/g ww	374	6
7	5	2017	Lake of the Pines	NA	Largemouth Bass	I_516TP0045BOG17LMB03-02	516TP0045BOG17LMB03-02	Mercury	0.05	ug/g ww	380	8
7	5	2017	Lake of the Pines	NA	Largemouth Bass	I_516TP0045BOG17LMB03-01	516TP0045BOG17LMB03-01	Mercury	0.12	ug/g ww	390	8
7	5	2017	Lake of the Pines	NA	Largemouth Bass	I_516TP0045BOG17LMB03-03	516TP0045BOG17LMB03-03	Mercury	0.11	ug/g ww	415	10
7	5	2017	Lake of the Pines	NA	Largemouth Bass	I_516TP0045BOG17LMB03-04	516TP0045BOG17LMB03-04	Mercury	0.39	ug/g ww	455	11
21	5	2017	Lake Webb	NA	Largemouth Bass	I_557PWB010BOG17LMB02-01	557PWB010BOG17LMB02-01	Mercury	0.13	ug/g ww	225	3
21	5	2017	Lake Webb	NA	Largemouth Bass	I_557PWB010BOG17LMB02-02	557PWB010BOG17LMB02-02	Mercury	0.20	ug/g ww	226	3
21	5	2017	Lake Webb	NA	Largemouth Bass	I_557PWB010BOG17LMB02-03	557PWB010BOG17LMB02-03	Mercury	0.13	ug/g ww	258	4
21	5	2017	Lake Webb	NA	Largemouth Bass	I_557PWB010BOG17LMB02-04	557PWB010BOG17LMB02-04	Mercury	0.18	ug/g ww	277	5
21	5	2017	Lake Webb	NA	Largemouth Bass	I_557PWB010BOG17LMB02-06	557PWB010BOG17LMB02-06	Mercury	0.33	ug/g ww	310	5
21	5	2017	Lake Webb	NA	Largemouth Bass	I_557PWB010BOG17LMB02-05	557PWB010BOG17LMB02-05	Mercury	0.22	ug/g ww	328	6
21	5	2017	Lake Webb	NA	Largemouth Bass	I_557PWB010BOG17LMB02-07	557PWB010BOG17LMB02-07	Mercury	0.45	ug/g ww	329	5
21	5	2017	Lake Webb	NA	Largemouth Bass	I_557PWB010BOG17LMB02-08	557PWB010BOG17LMB02-08	Mercury	0.28	ug/g ww	371	7
21	5	2017	Lake Webb	NA	Largemouth Bass	I_557PWB010BOG17LMB02-09	557PWB010BOG17LMB02-09	Mercury	0.37	ug/g ww	389	8
21	5	2017	Lake Webb	NA	Largemouth Bass	I_557PWB010BOG17LMB02-10	557PWB010BOG17LMB02-10	Mercury	0.38	ug/g ww	408	8
21	5	2017	Lake Webb	NA	Largemouth Bass	I_557PWB010BOG17LMB02-11	557PWB010BOG17LMB02-11	Mercury	0.34	ug/g ww	440	9
18	5	2017	Los Banos Reservoir	NA	Largemouth Bass	I_542PLB064BOG17LMB02-02	542PLB064BOG17LMB02-02	Mercury	0.62	ug/g ww	240	2
18	5	2017	Los Banos Reservoir	NA	Largemouth Bass	I_542PLB064BOG17LMB02-01	542PLB064BOG17LMB02-01	Mercury	0.67	ug/g ww	241	2
18	5	2017	Los Banos Reservoir	NA	Largemouth Bass	I_542PLB064BOG17LMB02-03	542PLB064BOG17LMB02-03	Mercury	0.72	ug/g ww	271	4
18	5	2017	Los Banos Reservoir	NA	Largemouth Bass	I_542PLB064BOG17LMB02-04	542PLB064BOG17LMB02-04	Mercury	0.72	ug/g ww	278	5
18	5	2017	Los Banos Reservoir	NA	Largemouth Bass	I_542PLB064BOG17LMB02-05	542PLB064BOG17LMB02-05	Mercury	0.97	ug/g ww	327	6
18	5	2017	Los Banos Reservoir	NA	Largemouth Bass	I_542PLB064BOG17LMB02-07	542PLB064BOG17LMB02-07	Mercury	0.94	ug/g ww	348	6
18	5	2017	Los Banos Reservoir	NA	Largemouth Bass	I_542PLB064BOG17LMB02-06	542PLB064BOG17LMB02-06	Mercury	0.82	ug/g ww	349	7
18	5	2017	Los Banos Reservoir	NA	Largemouth Bass	I_542PLB064BOG17LMB02-08	542PLB064BOG17LMB02-08	Mercury	1.02	ug/g ww	379	8
18	5	2017	Los Banos Reservoir	NA	Largemouth Bass	I_542PLB064BOG17LMB02-09	542PLB064BOG17LMB02-09	Mercury	0.91	ug/g ww	381	8
18	5	2017	Los Banos Reservoir	NA	Largemouth Bass	I_542PLB064BOG17LMB03-01	542PLB064BOG17LMB03-01	Mercury	1.23	ug/g ww	407	9
18	5	2017	Los Banos Reservoir	NA	Largemouth Bass	I_542PLB064BOG17LMB03-02	542PLB064BOG17LMB03-02	Mercury	1.43	ug/g ww	452	11
4	5	2017	Mile Long Pond	NA	Largemouth Bass	I_515MILGPDBOG17LMB02-02	515MILGPDBOG17LMB02-02	Mercury	0.40	ug/g ww	205	2
4	5	2017	Mile Long Pond	NA	Largemouth Bass	I_515MILGPDBOG17LMB02-01	515MILGPDBOG17LMB02-01	Mercury	0.36	ug/g ww	206	2

Label on Map	Regional Board	Sample Year	Station Name	Location Code	Common Name	SampleID	OrganismID	Parameter	Result	Unit Name	Total Length (mm)	Age (year)
4	5	2017	Mile Long Pond	NA	Largemouth Bass	I_515MILGPDBOG17LMB02-03	515MILGPDBOG17LMB02-03	Mercury	0.60	ug/g ww	290	4
4	5	2017	Mile Long Pond	NA	Largemouth Bass	I_515MILGPDBOG17LMB02-04	515MILGPDBOG17LMB02-04	Mercury	0.29	ug/g ww	295	4
4	5	2017	Mile Long Pond	NA	Largemouth Bass	I_515MILGPDBOG17LMB02-05	515MILGPDBOG17LMB02-05	Mercury	0.33	ug/g ww	306	4
4	5	2017	Mile Long Pond	NA	Largemouth Bass	I_515MILGPDBOG17LMB02-07	515MILGPDBOG17LMB02-07	Mercury	0.34	ug/g ww	310	4
4	5	2017	Mile Long Pond	NA	Largemouth Bass	I_515MILGPDBOG17LMB02-06	515MILGPDBOG17LMB02-06	Mercury	0.37	ug/g ww	311	4
4	5	2017	Mile Long Pond	NA	Largemouth Bass	I_515MILGPDBOG17LMB02-08	515MILGPDBOG17LMB02-08	Mercury	0.24	ug/g ww	342	7
4	5	2017	Mile Long Pond	NA	Largemouth Bass	I_515MILGPDBOG17LMB02-09	515MILGPDBOG17LMB02-09	Mercury	0.44	ug/g ww	380	9
4	5	2017	Mile Long Pond	NA	Largemouth Bass	I_515MILGPDBOG17LMB03-01	515MILGPDBOG17LMB03-01	Mercury	0.53	ug/g ww	440	10
4	5	2017	Mile Long Pond	NA	Largemouth Bass	I_515MILGPDBOG17LMB03-02	515MILGPDBOG17LMB03-02	Mercury	0.37	ug/g ww	442	10
11a	5	2017	New Hogan Lake	L1	Largemouth Bass	I_533PNH089L1BOG17LMB02-01	533PNH089L1BOG17LMB02-01	Mercury	0.58	ug/g ww	208	3
11a	5	2017	New Hogan Lake	L1	Largemouth Bass	I_533PNH089L1BOG17LMB02-02	533PNH089L1BOG17LMB02-02	Mercury	0.45	ug/g ww	227	3
11a	5	2017	New Hogan Lake	L1	Largemouth Bass	I_533PNH089L1BOG17LMB02-04	533PNH089L1BOG17LMB02-04	Mercury	0.46	ug/g ww	253	4
11a	5	2017	New Hogan Lake	L1	Largemouth Bass	I_533PNH089L1BOG17LMB02-03	533PNH089L1BOG17LMB02-03	Mercury	0.57	ug/g ww	262	4
11a	5	2017	New Hogan Lake	L1	Largemouth Bass	I_533PNH089L1BOG17LMB02-06	533PNH089L1BOG17LMB02-06	Mercury	0.59	ug/g ww	345	5
11a	5	2017	New Hogan Lake	L1	Largemouth Bass	I_533PNH089L1BOG17LMB02-08	533PNH089L1BOG17LMB02-08	Mercury	0.66	ug/g ww	365	6
11a	5	2017	New Hogan Lake	L1	Largemouth Bass	I_533PNH089L1BOG17LMB02-05	533PNH089L1BOG17LMB02-05	Mercury	0.53	ug/g ww	369	6
11a	5	2017	New Hogan Lake	L1	Largemouth Bass	I_533PNH089L1BOG17LMB02-07	533PNH089L1BOG17LMB02-07	Mercury	0.91	ug/g ww	392	7
11a	5	2017	New Hogan Lake	L1	Largemouth Bass	I_533PNH089L1BOG17LMB02-09	533PNH089L1BOG17LMB02-09	Mercury	0.54	ug/g ww	397	7
11a	5	2017	New Hogan Lake	L1	Largemouth Bass	I_533PNH089L1BOG17LMB02-10	533PNH089L1BOG17LMB02-10	Mercury	0.56	ug/g ww	407	7
11a	5	2017	New Hogan Lake	L1	Largemouth Bass	I_533PNH089L1BOG17LMB02-11	533PNH089L1BOG17LMB02-11	Mercury	0.70	ug/g ww	475	9
11b	5	2017	New Hogan Lake	L2	Largemouth Bass	I_533PNH089L2BOG17LMB02-01	533PNH089L2BOG17LMB02-01	Mercury	0.34	ug/g ww	208	2
11b	5	2017	New Hogan Lake	L2	Largemouth Bass	I_533PNH089L2BOG17LMB02-02	533PNH089L2BOG17LMB02-02	Mercury	0.19	ug/g ww	235	3
11b	5	2017	New Hogan Lake	L2	Largemouth Bass	I_533PNH089L2BOG17LMB02-03	533PNH089L2BOG17LMB02-03	Mercury	0.53	ug/g ww	260	3
11b	5	2017	New Hogan Lake	L2	Largemouth Bass	I_533PNH089L2BOG17LMB02-04	533PNH089L2BOG17LMB02-04	Mercury	0.37	ug/g ww	289	4
11b	5	2017	New Hogan Lake	L2	Largemouth Bass	I_533PNH089L2BOG17LMB02-07	533PNH089L2BOG17LMB02-07	Mercury	0.52	ug/g ww	308	5
11b	5	2017	New Hogan Lake	L2	Largemouth Bass	I_533PNH089L2BOG17LMB02-05	533PNH089L2BOG17LMB02-05	Mercury	0.63	ug/g ww	310	5
11b	5	2017	New Hogan Lake	L2	Largemouth Bass	I_533PNH089L2BOG17LMB02-06	533PNH089L2BOG17LMB02-06	Mercury	0.48	ug/g ww	318	5
11b	5	2017	New Hogan Lake	L2	Largemouth Bass	I_533PNH089L2BOG17LMB02-08	533PNH089L2BOG17LMB02-08	Mercury	0.42	ug/g ww	328	6
11b	5	2017	New Hogan Lake	L2	Largemouth Bass	I_533PNH089L2BOG17LMB02-09	533PNH089L2BOG17LMB02-09	Mercury	0.48	ug/g ww	349	7
11b	5	2017	New Hogan Lake	L2	Largemouth Bass	I_533PNH089L2BOG17LMB02-11	533PNH089L2BOG17LMB02-11	Mercury	0.52	ug/g ww	407	8
11b	5	2017	New Hogan Lake	L2	Largemouth Bass	I_533PNH089L2BOG17LMB02-10	533PNH089L2BOG17LMB02-10	Mercury	0.79	ug/g ww	415	9
11c	5	2017	New Hogan Lake	L3	Largemouth Bass	I_533PNH089L3BOG17LMB02-01	533PNH089L3BOG17LMB02-01	Mercury	0.60	ug/g ww	219	2
11c	5	2017	New Hogan Lake	L3	Largemouth Bass	I_533PNH089L3BOG17LMB02-02	533PNH089L3BOG17LMB02-02	Mercury	0.56	ug/g ww	225	3
11c	5	2017	New Hogan Lake	L3	Largemouth Bass	I_533PNH089L3BOG17LMB02-04	533PNH089L3BOG17LMB02-04	Mercury	0.50	ug/g ww	255	4
11c	5	2017	New Hogan Lake	L3	Largemouth Bass	I_533PNH089L3BOG17LMB02-03	533PNH089L3BOG17LMB02-03	Mercury	0.51	ug/g ww	262	4
11c	5	2017	New Hogan Lake	L3	Largemouth Bass	I_533PNH089L3BOG17LMB02-05	533PNH089L3BOG17LMB02-05	Mercury	0.77	ug/g ww	311	5
11c	5	2017	New Hogan Lake	L3	Largemouth Bass	I_533PNH089L3BOG17LMB02-06	533PNH089L3BOG17LMB02-06	Mercury	0.75	ug/g ww	341	5
11c	5	2017	New Hogan Lake	L3	Largemouth Bass	I_533PNH089L3BOG17LMB02-08	533PNH089L3BOG17LMB02-08	Mercury	0.79	ug/g ww	359	6
11c	5	2017	New Hogan Lake	L3	Largemouth Bass	I_533PNH089L3BOG17LMB02-07	533PNH089L3BOG17LMB02-07	Mercury	0.78	ug/g ww	362	5
11c	5	2017	New Hogan Lake	L3	Largemouth Bass	I_533PNH089L3BOG17LMB02-10	533PNH089L3BOG17LMB02-10	Mercury	0.60	ug/g ww	377	6
11c	5	2017	New Hogan Lake	L3	Largemouth Bass	I_533PNH089L3BOG17LMB02-09	533PNH089L3BOG17LMB02-09	Mercury	0.74	ug/g ww	381	6
11c	5	2017	New Hogan Lake	L3	Largemouth Bass	I_533PNH089L3BOG17LMB02-11	533PNH089L3BOG17LMB02-11	Mercury	0.50	ug/g ww	440	8
10a	5	2017	Pardee Reservoir	L1	Largemouth Bass	I_532PPD073L1BOG17LMB01-09	532PPD073L1BOG17LMB01-09	Mercury	0.28	ug/g ww	259	3
10a	5	2017	Pardee Reservoir	L1	Largemouth Bass	I_532PPD073L1BOG17LMB01-01	532PPD073L1BOG17LMB01-01	Mercury	0.35	ug/g ww	262	3
10a	5	2017	Pardee Reservoir	L1	Largemouth Bass	I_532PPD073L1BOG17LMB01-02	532PPD073L1BOG17LMB01-02	Mercury	0.36	ug/g ww	279	4
10a	5	2017	Pardee Reservoir	L1	Largemouth Bass	I_532PPD073L1BOG17LMB01-10	532PPD073L1BOG17LMB01-10	Mercury	0.33	ug/g ww	301	4

Label on Map	Regional Board	Sample Year	Station Name	Location Code	Common Name	SampleID	OrganismID	Parameter	Result	Unit Name	Total Length (mm)	Age (year)
10a	5	2017	Pardee Reservoir	L1	Largemouth Bass	I_532PPD073L1BOG17LMB01-05	532PPD073L1BOG17LMB01-05	Mercury	0.46	ug/g ww	316	5
10a	5	2017	Pardee Reservoir	L1	Largemouth Bass	I_532PPD073L1BOG17LMB01-03	532PPD073L1BOG17LMB01-03	Mercury	0.52	ug/g ww	328	5
10a	5	2017	Pardee Reservoir	L1	Largemouth Bass	I_532PPD073L1BOG17LMB01-11	532PPD073L1BOG17LMB01-11	Mercury	0.31	ug/g ww	340	6
10a	5	2017	Pardee Reservoir	L1	Largemouth Bass	I_532PPD073L1BOG17LMB01-06	532PPD073L1BOG17LMB01-06	Mercury	0.34	ug/g ww	345	6
10a	5	2017	Pardee Reservoir	L1	Largemouth Bass	I_532PPD073L1BOG17LMB01-12	532PPD073L1BOG17LMB01-12	Mercury	0.32	ug/g ww	362	6
10a	5	2017	Pardee Reservoir	L1	Largemouth Bass	I_532PPD073L1BOG17LMB01-07	532PPD073L1BOG17LMB01-07	Mercury	0.54	ug/g ww	365	7
10a	5	2017	Pardee Reservoir	L1	Largemouth Bass	I_532PPD073L1BOG17LMB01-08	532PPD073L1BOG17LMB01-08	Mercury	0.63	ug/g ww	469	9
10b	5	2017	Pardee Reservoir	L2	Largemouth Bass	I_532PPD073L2BOG17LMB01-01	532PPD073L2BOG17LMB01-01	Mercury	0.15	ug/g ww	180	2
10b	5	2017	Pardee Reservoir	L2	Largemouth Bass	I_532PPD073L2BOG17LMB01-02	532PPD073L2BOG17LMB01-02	Mercury	0.15	ug/g ww	184	2
10b	5	2017	Pardee Reservoir	L2	Largemouth Bass	I_532PPD073L2BOG17LMB01-04	532PPD073L2BOG17LMB01-04	Mercury	0.33	ug/g ww	292	3
10b	5	2017	Pardee Reservoir	L2	Largemouth Bass	I_532PPD073L2BOG17LMB01-03	532PPD073L2BOG17LMB01-03	Mercury	0.30	ug/g ww	304	3
10b	5	2017	Pardee Reservoir	L2	Largemouth Bass	I_532PPD073L2BOG17LMB01-05	532PPD073L2BOG17LMB01-05	Mercury	0.30	ug/g ww	310	4
10b	5	2017	Pardee Reservoir	L2	Largemouth Bass	I_532PPD073L2BOG17LMB01-06	532PPD073L2BOG17LMB01-06	Mercury	0.26	ug/g ww	323	5
10b	5	2017	Pardee Reservoir	L2	Largemouth Bass	I_532PPD073L2BOG17LMB01-07	532PPD073L2BOG17LMB01-07	Mercury	0.27	ug/g ww	345	6
10b	5	2017	Pardee Reservoir	L2	Largemouth Bass	I_532PPD073L2BOG17LMB01-09	532PPD073L2BOG17LMB01-09	Mercury	0.24	ug/g ww	350	6
10b	5	2017	Pardee Reservoir	L2	Largemouth Bass	I_532PPD073L2BOG17LMB01-08	532PPD073L2BOG17LMB01-08	Mercury	0.42	ug/g ww	370	6
10b	5	2017	Pardee Reservoir	L2	Largemouth Bass	I_532PPD073L2BOG17LMB01-11	532PPD073L2BOG17LMB01-11	Mercury	0.38	ug/g ww	408	7
10b	5	2017	Pardee Reservoir	L2	Largemouth Bass	I_532PPD073L2BOG17LMB01-10	532PPD073L2BOG17LMB01-10	Mercury	0.70	ug/g ww	435	8
2a	5	2017	Whiskeytown Lake	L1	Smallmouth Bass	I_524PWT057L1BOG17SMB02-01	524PWT057L1BOG17SMB02-02	Mercury	0.13	ug/g ww	210	3
2a	5	2017	Whiskeytown Lake	L1	Smallmouth Bass	I_524PWT057L1BOG17SMB02-01	524PWT057L1BOG17SMB02-01	Mercury	0.10	ug/g ww	218	3
2a	5	2017	Whiskeytown Lake	L1	Smallmouth Bass	I_524PWT057L1BOG17SMB02-04	524PWT057L1BOG17SMB02-04	Mercury	0.11	ug/g ww	279	5
2a	5	2017	Whiskeytown Lake	L1	Smallmouth Bass	I_524PWT057L1BOG17SMB02-01	524PWT057L1BOG17SMB02-05	Mercury	0.12	ug/g ww	280	6
2a	5	2017	Whiskeytown Lake	L1	Smallmouth Bass	I_524PWT057L1BOG17SMB02-01	524PWT057L1BOG17SMB02-03	Mercury	0.11	ug/g ww	281	5
2a	5	2017	Whiskeytown Lake	L1	Smallmouth Bass	I_524PWT057L1BOG17SMB02-04	524PWT057L1BOG17SMB02-06	Mercury	0.12	ug/g ww	308	6
2a	5	2017	Whiskeytown Lake	L1	Smallmouth Bass	I_524PWT057L1BOG17SMB02-01	524PWT057L1BOG17SMB02-07	Mercury	0.09	ug/g ww	311	6
2a	5	2017	Whiskeytown Lake	L1	Smallmouth Bass	I_524PWT057L1BOG17SMB02-04	524PWT057L1BOG17SMB02-08	Mercury	0.16	ug/g ww	324	6
2a	5	2017	Whiskeytown Lake	L1	Smallmouth Bass	I_524PWT057L1BOG17SMB02-04	524PWT057L1BOG17SMB02-09	Mercury	0.16	ug/g ww	369	7
2a	5	2017	Whiskeytown Lake	L1	Smallmouth Bass	I_524PWT057L1BOG17SMB02-10	524PWT057L1BOG17SMB02-10	Mercury	0.40	ug/g ww	420	9
2a	5	2017	Whiskeytown Lake	L1	Smallmouth Bass	I_524PWT057L1BOG17SMB02-11	524PWT057L1BOG17SMB02-11	Mercury	0.55	ug/g ww	470	10
2b	5	2017	Whiskeytown Lake	L2	Smallmouth Bass	I_524PWT057L2BOG17SMB02-01	524PWT057L2BOG17SMB02-01	Mercury	0.10	ug/g ww	222	3
2b	5	2017	Whiskeytown Lake	L2	Smallmouth Bass	I_524PWT057L2BOG17SMB02-01	524PWT057L2BOG17SMB02-02	Mercury	0.08	ug/g ww	244	3
2b	5	2017	Whiskeytown Lake	L2	Smallmouth Bass	I_524PWT057L2BOG17SMB02-01	524PWT057L2BOG17SMB02-03	Mercury	0.11	ug/g ww	287	4
2b	5	2017	Whiskeytown Lake	L2	Smallmouth Bass	I_524PWT057L2BOG17SMB02-04	524PWT057L2BOG17SMB02-04	Mercury	0.09	ug/g ww	288	5
2b	5	2017	Whiskeytown Lake	L2	Smallmouth Bass	I_524PWT057L2BOG17SMB02-01	524PWT057L2BOG17SMB02-05	Mercury	0.11	ug/g ww	308	5
2b	5	2017	Whiskeytown Lake	L2	Smallmouth Bass	I_524PWT057L2BOG17SMB02-04	524PWT057L2BOG17SMB02-06	Mercury	0.09	ug/g ww	318	6
2b	5	2017	Whiskeytown Lake	L2	Smallmouth Bass	I_524PWT057L2BOG17SMB02-04	524PWT057L2BOG17SMB02-08	Mercury	0.12	ug/g ww	334	6
2b	5	2017	Whiskeytown Lake	L2	Smallmouth Bass	I_524PWT057L2BOG17SMB02-01	524PWT057L2BOG17SMB02-09	Mercury	0.10	ug/g ww	336	7
2b	5	2017	Whiskeytown Lake	L2	Smallmouth Bass	I_524PWT057L2BOG17SMB02-01	524PWT057L2BOG17SMB02-07	Mercury	0.07	ug/g ww	337	6
2b	5	2017	Whiskeytown Lake	L2	Smallmouth Bass	I_524PWT057L2BOG17SMB02-10	524PWT057L2BOG17SMB02-10	Mercury	0.16	ug/g ww	390	7
2b	5	2017	Whiskeytown Lake	L2	Smallmouth Bass	I_524PWT057L2BOG17SMB02-11	524PWT057L2BOG17SMB02-11	Mercury	0.51	ug/g ww	557	13
2c	5	2017	Whiskeytown Lake	L3	Smallmouth Bass	I_524PWT057L3BOG17SMB02-01	524PWT057L3BOG17SMB02-02	Mercury	0.04	ug/g ww	216	4
2c	5	2017	Whiskeytown Lake	L3	Smallmouth Bass	I_524PWT057L3BOG17SMB02-01	524PWT057L3BOG17SMB02-01	Mercury	0.11	ug/g ww	217	3
2c	5	2017	Whiskeytown Lake	L3	Smallmouth Bass	I_524PWT057L3BOG17SMB02-01	524PWT057L3BOG17SMB02-03	Mercury	0.09	ug/g ww	232	4
2c	5	2017	Whiskeytown Lake	L3	Smallmouth Bass	I_524PWT057L3BOG17SMB02-04	524PWT057L3BOG17SMB02-04	Mercury	0.08	ug/g ww	241	4
2c	5	2017	Whiskeytown Lake	L3	Smallmouth Bass	I_524PWT057L3BOG17SMB02-01	524PWT057L3BOG17SMB02-05	Mercury	0.04	ug/g ww	269	5
2c	5	2017	Whiskeytown Lake	L3	Smallmouth Bass	I_524PWT057L3BOG17SMB02-01	524PWT057L3BOG17SMB02-07	Mercury	0.09	ug/g ww	270	5

Label on Map	Regional Board	Sample Year	Station Name	Location Code	Common Name	SampleID	OrganismID	Parameter	Result	Unit Name	Total Length (mm)	Age (year)
2c	5	2017	Whiskeytown Lake	L3	Smallmouth Bass	I_524PWT057L3BOG17SMB02-0	524PWT057L3BOG17SMB02-09	Mercury	0.06	ug/g ww	277	4
2c	5	2017	Whiskeytown Lake	L3	Smallmouth Bass	I_524PWT057L3BOG17SMB02-0	524PWT057L3BOG17SMB02-06	Mercury	0.13	ug/g ww	278	6
2c	5	2017	Whiskeytown Lake	L3	Smallmouth Bass	I_524PWT057L3BOG17SMB02-0	524PWT057L3BOG17SMB02-08	Mercury	0.11	ug/g ww	287	6
2c	5	2017	Whiskeytown Lake	L3	Smallmouth Bass	I_524PWT057L3BOG17SMB02-1	524PWT057L3BOG17SMB02-10	Mercury	0.13	ug/g ww	305	5
2c	5	2017	Whiskeytown Lake	L3	Smallmouth Bass	I_524PWT057L3BOG17SMB02-1	524PWT057L3BOG17SMB02-11	Mercury	0.15	ug/g ww	352	6
24	6	2017	Palmdale Lake	NA	Largemouth Bass	I_626TU0279BOG17LMB02-02	626TU0279BOG17LMB02-02	Mercury	0.03	ug/g ww	216	3
24	6	2017	Palmdale Lake	NA	Largemouth Bass	I_626TU0279BOG17LMB02-01	626TU0279BOG17LMB02-01	Mercury	0.04	ug/g ww	221	4
24	6	2017	Palmdale Lake	NA	Largemouth Bass	I_626TU0279BOG17LMB02-04	626TU0279BOG17LMB02-04	Mercury	0.03	ug/g ww	264	5
24	6	2017	Palmdale Lake	NA	Largemouth Bass	I_626TU0279BOG17LMB02-03	626TU0279BOG17LMB02-03	Mercury	0.07	ug/g ww	276	5
24	6	2017	Palmdale Lake	NA	Largemouth Bass	I_626TU0279BOG17LMB02-05	626TU0279BOG17LMB02-05	Mercury	0.07	ug/g ww	375	9
24	6	2017	Palmdale Lake	NA	Largemouth Bass	I_626TU0279BOG17LMB02-07	626TU0279BOG17LMB02-07	Mercury	0.14	ug/g ww	384	8
24	6	2017	Palmdale Lake	NA	Largemouth Bass	I_626TU0279BOG17LMB02-09	626TU0279BOG17LMB02-09	Mercury	0.23	ug/g ww	394	10
24	6	2017	Palmdale Lake	NA	Largemouth Bass	I_626TU0279BOG17LMB02-08	626TU0279BOG17LMB02-08	Mercury	0.22	ug/g ww	395	11
24	6	2017	Palmdale Lake	NA	Largemouth Bass	I_626TU0279BOG17LMB02-06	626TU0279BOG17LMB02-06	Mercury	0.10	ug/g ww	396	9
24	6	2017	Palmdale Lake	NA	Largemouth Bass	I_626TU0279BOG17LMB02-10	626TU0279BOG17LMB02-10	Mercury	0.17	ug/g ww	410	10
24	6	2017	Palmdale Lake	NA	Largemouth Bass	I_626TU0279BOG17LMB02-11	626TU0279BOG17LMB02-11	Mercury	0.13	ug/g ww	412	10
25	6	2017	Silverwood Lake	NA	Largemouth Bass	I_628PSW035BOG17LMB01-11	628PSW035BOG17LMB01-11	Mercury	0.22	ug/g ww	200	2
25	6	2017	Silverwood Lake	NA	Largemouth Bass	I_628PSW035BOG17LMB01-10	628PSW035BOG17LMB01-10	Mercury	0.29	ug/g ww	235	3
25	6	2017	Silverwood Lake	NA	Largemouth Bass	I_628PSW035BOG17LMB01-08	628PSW035BOG17LMB01-08	Mercury	0.37	ug/g ww	280	5
25	6	2017	Silverwood Lake	NA	Largemouth Bass	I_628PSW035BOG17LMB01-09	628PSW035BOG17LMB01-09	Mercury	0.55	ug/g ww	299	6
25	6	2017	Silverwood Lake	NA	Largemouth Bass	I_628PSW035BOG17LMB01-06	628PSW035BOG17LMB01-06	Mercury	0.85	ug/g ww	366	6
25	6	2017	Silverwood Lake	NA	Largemouth Bass	I_628PSW035BOG17LMB01-05	628PSW035BOG17LMB01-05	Mercury	0.42	ug/g ww	375	6
25	6	2017	Silverwood Lake	NA	Largemouth Bass	I_628PSW035BOG17LMB01-03	628PSW035BOG17LMB01-03	Mercury	0.77	ug/g ww	376	6
25	6	2017	Silverwood Lake	NA	Largemouth Bass	I_628PSW035BOG17LMB01-07	628PSW035BOG17LMB01-07	Mercury	1.02	ug/g ww	385	8
25	6	2017	Silverwood Lake	NA	Largemouth Bass	I_628PSW035BOG17LMB01-04	628PSW035BOG17LMB01-04	Mercury	0.83	ug/g ww	392	7
25	6	2017	Silverwood Lake	NA	Largemouth Bass	I_628PSW035BOG17LMB01-02	628PSW035BOG17LMB01-02	Mercury	0.68	ug/g ww	410	7
25	6	2017	Silverwood Lake	NA	Striped Bass	I_628PSW035BOG17STB01-02	628PSW035BOG17STB01-02	Mercury	0.41	ug/g ww	450	
25	6	2017	Silverwood Lake	NA	Largemouth Bass	I_628PSW035BOG17LMB01-01	628PSW035BOG17LMB01-01	Mercury	0.62	ug/g ww	475	11
25	6	2017	Silverwood Lake	NA	Striped Bass	I_628PSW035BOG17STB01-03	628PSW035BOG17STB01-03	Mercury	0.76	ug/g ww	475	
25	6	2017	Silverwood Lake	NA	Striped Bass	I_628PSW035BOG17STB01-01	628PSW035BOG17STB01-01	Mercury	0.42	ug/g ww	525	
34	7	2017	Ferguson Lake	NA	Largemouth Bass	I_715TF0091BOG17LMB01-01	715TF0091BOG17LMB01-01	Mercury	0.03	ug/g ww	230	3
34	7	2017	Ferguson Lake	NA	Largemouth Bass	I_715TF0091BOG17LMB01-02	715TF0091BOG17LMB01-02	Mercury	0.03	ug/g ww	249	3
34	7	2017	Ferguson Lake	NA	Largemouth Bass	I_715TF0091BOG17LMB01-04	715TF0091BOG17LMB01-04	Mercury	0.02	ug/g ww	290	4
34	7	2017	Ferguson Lake	NA	Largemouth Bass	I_715TF0091BOG17LMB01-03	715TF0091BOG17LMB01-03	Mercury	0.05	ug/g ww	304	4
34	7	2017	Ferguson Lake	NA	Largemouth Bass	I_715TF0091BOG17LMB01-05	715TF0091BOG17LMB01-05	Mercury	0.07	ug/g ww	345	6
34	7	2017	Ferguson Lake	NA	Largemouth Bass	I_715TF0091BOG17LMB01-08	715TF0091BOG17LMB01-08	Mercury	0.06	ug/g ww	347	5
34	7	2017	Ferguson Lake	NA	Largemouth Bass	I_715TF0091BOG17LMB01-07	715TF0091BOG17LMB01-07	Mercury	0.16	ug/g ww	373	7
34	7	2017	Ferguson Lake	NA	Largemouth Bass	I_715TF0091BOG17LMB01-06	715TF0091BOG17LMB01-06	Mercury	0.10	ug/g ww	384	7
34	7	2017	Ferguson Lake	NA	Largemouth Bass	I_715TF0091BOG17LMB01-09	715TF0091BOG17LMB01-09	Mercury	0.10	ug/g ww	401	8
34	7	2017	Ferguson Lake	NA	Largemouth Bass	I_715TF0091BOG17LMB01-10	715TF0091BOG17LMB01-10	Mercury	0.11	ug/g ww	444	9
34	7	2017	Ferguson Lake	NA	Largemouth Bass	I_715TF0091BOG17LMB01-11	715TF0091BOG17LMB01-11	Mercury	0.11	ug/g ww	445	10
26	8	2017	Lake Evans	NA	Brown Bullhead	I_801PEL155BOG17BRB01-06	801PEL155BOG17BRB01-06	Mercury	0.01	ug/g ww	205	
26	8	2017	Lake Evans	NA	Brown Bullhead	I_801PEL155BOG17BRB01-07	801PEL155BOG17BRB01-07	Mercury	0.02	ug/g ww	215	
26	8	2017	Lake Evans	NA	Brown Bullhead	I_801PEL155BOG17BRB01-02	801PEL155BOG17BRB01-02	Mercury	0.04	ug/g ww	220	
26	8	2017	Lake Evans	NA	Brown Bullhead	I_801PEL155BOG17BRB01-03	801PEL155BOG17BRB01-03	Mercury	0.03	ug/g ww	245	
26	8	2017	Lake Evans	NA	Brown Bullhead	I_801PEL155BOG17BRB01-08	801PEL155BOG17BRB01-08	Mercury	0.02	ug/g ww	250	

Label on Map	Regional Board	Sample Year	Station Name	Location Code	Common Name	SampleID	OrganismID	Parameter	Result	Unit Name	Total Length (mm)	Age (year)
26	8	2017	Lake Evans	NA	Brown Bullhead	I_801PEL155BOG17BRB01-04	801PEL155BOG17BRB01-04	Mercury	0.01	ug/g ww	262	
26	8	2017	Lake Evans	NA	Brown Bullhead	I_801PEL155BOG17BRB01-05	801PEL155BOG17BRB01-05	Mercury	0.04	ug/g ww	271	
26	8	2017	Lake Evans	NA	Brown Bullhead	I_801PEL155BOG17BRB01-01	801PEL155BOG17BRB01-01	Mercury	0.04	ug/g ww	535	
31	9	2017	Laguna Niguel Park Lake	NA	Largemouth Bass	I_901LAGNPLBOG17LMB02-01	901LAGNPLBOG17LMB02-01	Mercury	0.03	ug/g ww	225	3
31	9	2017	Laguna Niguel Park Lake	NA	Largemouth Bass	I_901LAGNPLBOG17LMB02-02	901LAGNPLBOG17LMB02-02	Mercury	0.05	ug/g ww	235	3
31	9	2017	Laguna Niguel Park Lake	NA	Largemouth Bass	I_901LAGNPLBOG17LMB02-03	901LAGNPLBOG17LMB02-03	Mercury	0.03	ug/g ww	268	4
31	9	2017	Laguna Niguel Park Lake	NA	Largemouth Bass	I_901LAGNPLBOG17LMB02-05	901LAGNPLBOG17LMB02-05	Mercury	0.05	ug/g ww	328	5
31	9	2017	Laguna Niguel Park Lake	NA	Largemouth Bass	I_901LAGNPLBOG17LMB02-04	901LAGNPLBOG17LMB02-04	Mercury	0.05	ug/g ww	330	5
31	9	2017	Laguna Niguel Park Lake	NA	Largemouth Bass	I_901LAGNPLBOG17LMB02-06	901LAGNPLBOG17LMB02-06	Mercury	0.05	ug/g ww	341	5
31	9	2017	Laguna Niguel Park Lake	NA	Largemouth Bass	I_901LAGNPLBOG17LMB02-08	901LAGNPLBOG17LMB02-08	Mercury	0.04	ug/g ww	370	7
31	9	2017	Laguna Niguel Park Lake	NA	Largemouth Bass	I_901LAGNPLBOG17LMB02-07	901LAGNPLBOG17LMB02-07	Mercury	0.06	ug/g ww	373	6
31	9	2017	Laguna Niguel Park Lake	NA	Largemouth Bass	I_901LAGNPLBOG17LMB02-09	901LAGNPLBOG17LMB02-09	Mercury	0.05	ug/g ww	390	8
31	9	2017	Laguna Niguel Park Lake	NA	Largemouth Bass	I_901LAGNPLBOG17LMB02-10	901LAGNPLBOG17LMB02-10	Mercury	0.07	ug/g ww	442	9
31	9	2017	Laguna Niguel Park Lake	NA	Largemouth Bass	I_901LAGNPLBOG17LMB02-11	901LAGNPLBOG17LMB02-11	Mercury	0.05	ug/g ww	451	9
33	9	2017	Lake Hodges	NA	Largemouth Bass	I_905PLH070BOG17LMB01-01	905PLH070BOG17LMB01-01	Mercury	0.06	ug/g ww	210	2
33	9	2017	Lake Hodges	NA	Largemouth Bass	I_905PLH070BOG17LMB01-02	905PLH070BOG17LMB01-02	Mercury	0.10	ug/g ww	217	3
33	9	2017	Lake Hodges	NA	Largemouth Bass	I_905PLH070BOG17LMB01-03	905PLH070BOG17LMB01-03	Mercury	0.06	ug/g ww	255	4
33	9	2017	Lake Hodges	NA	Largemouth Bass	I_905PLH070BOG17LMB01-04	905PLH070BOG17LMB01-04	Mercury	0.06	ug/g ww	256	4
33	9	2017	Lake Hodges	NA	Largemouth Bass	I_905PLH070BOG17LMB01-05	905PLH070BOG17LMB01-05	Mercury	0.08	ug/g ww	307	5
33	9	2017	Lake Hodges	NA	Largemouth Bass	I_905PLH070BOG17LMB01-06	905PLH070BOG17LMB01-06	Mercury	0.09	ug/g ww	320	8
33	9	2017	Lake Hodges	NA	Largemouth Bass	I_905PLH070BOG17LMB01-07	905PLH070BOG17LMB01-07	Mercury	0.16	ug/g ww	365	9
33	9	2017	Lake Hodges	NA	Largemouth Bass	I_905PLH070BOG17LMB01-09	905PLH070BOG17LMB01-09	Mercury	0.15	ug/g ww	365	8
33	9	2017	Lake Hodges	NA	Largemouth Bass	I_905PLH070BOG17LMB01-08	905PLH070BOG17LMB01-08	Mercury	0.16	ug/g ww	395	9
33	9	2017	Lake Hodges	NA	Largemouth Bass	I_905PLH070BOG17LMB02-01	905PLH070BOG17LMB02-01	Mercury	0.20	ug/g ww	422	10
33	9	2017	Lake Hodges	NA	Largemouth Bass	I_905PLH070BOG17LMB02-02	905PLH070BOG17LMB02-02	Mercury	0.11	ug/g ww	515	12
35	9	2017	Lake Jennings	NA	Largemouth Bass	I_907PLJ102BOG17LMB02-02	907PLJ102BOG17LMB02-02	Mercury	0.06	ug/g ww	203	3
35	9	2017	Lake Jennings	NA	Largemouth Bass	I_907PLJ102BOG17LMB02-01	907PLJ102BOG17LMB02-01	Mercury	0.08	ug/g ww	205	3
35	9	2017	Lake Jennings	NA	Largemouth Bass	I_907PLJ102BOG17LMB02-04	907PLJ102BOG17LMB02-04	Mercury	0.06	ug/g ww	271	4
35	9	2017	Lake Jennings	NA	Largemouth Bass	I_907PLJ102BOG17LMB02-03	907PLJ102BOG17LMB02-03	Mercury	0.20	ug/g ww	281	5
35	9	2017	Lake Jennings	NA	Largemouth Bass	I_907PLJ102BOG17LMB02-05	907PLJ102BOG17LMB02-05	Mercury	0.09	ug/g ww	307	7
35	9	2017	Lake Jennings	NA	Largemouth Bass	I_907PLJ102BOG17LMB02-07	907PLJ102BOG17LMB02-07	Mercury	0.15	ug/g ww	315	6
35	9	2017	Lake Jennings	NA	Largemouth Bass	I_907PLJ102BOG17LMB02-08	907PLJ102BOG17LMB02-08	Mercury	0.24	ug/g ww	320	7
35	9	2017	Lake Jennings	NA	Largemouth Bass	I_907PLJ102BOG17LMB02-06	907PLJ102BOG17LMB02-06	Mercury	0.26	ug/g ww	340	7
35	9	2017	Lake Jennings	NA	Largemouth Bass	I_907PLJ102BOG17LMB03-01	907PLJ102BOG17LMB03-01	Mercury	0.17	ug/g ww	377	8
35	9	2017	Lake Jennings	NA	Largemouth Bass	I_907PLJ102BOG17LMB03-03	907PLJ102BOG17LMB03-03	Mercury	0.19	ug/g ww	411	10
35	9	2017	Lake Jennings	NA	Largemouth Bass	I_907PLJ102BOG17LMB03-02	907PLJ102BOG17LMB03-02	Mercury	0.47	ug/g ww	425	10
32	9	2017	Lake Sutherland	NA	Largemouth Bass	I_905PLS198BOG17LMB02-01	905PLS198BOG17LMB02-01	Mercury	0.04	ug/g ww	202	3
32	9	2017	Lake Sutherland	NA	Largemouth Bass	I_905PLS198BOG17LMB02-02	905PLS198BOG17LMB02-02	Mercury	0.05	ug/g ww	240	4
32	9	2017	Lake Sutherland	NA	Largemouth Bass	I_905PLS198BOG17LMB02-03	905PLS198BOG17LMB02-03	Mercury	0.05	ug/g ww	273	4
32	9	2017	Lake Sutherland	NA	Largemouth Bass	I_905PLS198BOG17LMB02-04	905PLS198BOG17LMB02-04	Mercury	0.04	ug/g ww	276	5
32	9	2017	Lake Sutherland	NA	Largemouth Bass	I_905PLS198BOG17LMB02-05	905PLS198BOG17LMB02-05	Mercury	0.15	ug/g ww	352	7
32	9	2017	Lake Sutherland	NA	Largemouth Bass	I_905PLS198BOG17LMB03-02	905PLS198BOG17LMB03-02	Mercury	0.17	ug/g ww	352	7
32	9	2017	Lake Sutherland	NA	Largemouth Bass	I_905PLS198BOG17LMB02-07	905PLS198BOG17LMB02-07	Mercury	0.09	ug/g ww	365	7
32	9	2017	Lake Sutherland	NA	Largemouth Bass	I_905PLS198BOG17LMB03-01	905PLS198BOG17LMB03-01	Mercury	0.30	ug/g ww	370	8
32	9	2017	Lake Sutherland	NA	Largemouth Bass	I_905PLS198BOG17LMB02-06	905PLS198BOG17LMB02-06	Mercury	0.27	ug/g ww	375	7
32	9	2017	Lake Sutherland	NA	Largemouth Bass	I_905PLS198BOG17LMB03-04	905PLS198BOG17LMB03-04	Mercury	0.24	ug/g ww	429	10

Label on Map	Regional Board	Sample Year	Station Name	Location Code	Common Name	SampleID	OrganismID	Parameter	Result	Unit Name	Total Length (mm)	Age (year)
32	9	2017	Lake Sutherland	NA	Largemouth Bass	I_905PLS198BOG17LMB03-03	905PLS198BOG17LMB03-03	Mercury	0.23	ug/g ww	435	10
30	9	2017	Skinner Lake	NA	Largemouth Bass	I_902SKINLKBOG17LMB02-02	902SKINLKBOG17LMB02-02	Mercury	0.03	ug/g ww	220	3
30	9	2017	Skinner Lake	NA	Largemouth Bass	I_902SKINLKBOG17LMB02-01	902SKINLKBOG17LMB02-01	Mercury	0.04	ug/g ww	230	3
30	9	2017	Skinner Lake	NA	Largemouth Bass	I_902SKINLKBOG17LMB02-03	902SKINLKBOG17LMB02-03	Mercury	0.06	ug/g ww	278	4
30	9	2017	Skinner Lake	NA	Largemouth Bass	I_902SKINLKBOG17LMB02-04	902SKINLKBOG17LMB02-04	Mercury	0.09	ug/g ww	285	5
30	9	2017	Skinner Lake	NA	Largemouth Bass	I_902SKINLKBOG17LMB02-05	902SKINLKBOG17LMB02-05	Mercury	0.08	ug/g ww	350	6
30	9	2017	Skinner Lake	NA	Largemouth Bass	I_902SKINLKBOG17LMB02-06	902SKINLKBOG17LMB02-06	Mercury	0.07	ug/g ww	358	6
30	9	2017	Skinner Lake	NA	Largemouth Bass	I_902SKINLKBOG17LMB02-08	902SKINLKBOG17LMB02-08	Mercury	0.07	ug/g ww	368	7
30	9	2017	Skinner Lake	NA	Largemouth Bass	I_902SKINLKBOG17LMB02-07	902SKINLKBOG17LMB02-07	Mercury	0.08	ug/g ww	375	7
30	9	2017	Skinner Lake	NA	Largemouth Bass	I_902SKINLKBOG17LMB02-09	902SKINLKBOG17LMB02-09	Mercury	0.10	ug/g ww	375	7
30	9	2017	Skinner Lake	NA	Largemouth Bass	I_902SKINLKBOG17LMB02-10	902SKINLKBOG17LMB02-10	Mercury	0.15	ug/g ww	427	10
30	9	2017	Skinner Lake	NA	Largemouth Bass	I_902SKINLKBOG17LMB02-11	902SKINLKBOG17LMB02-11	Mercury	0.27	ug/g ww	510	11