

**Cruise Report for the  
Surface Waters Ambient Monitoring Program (SWAMP)  
Bioaccumulation Screening Study  
in  
California Lakes and Reservoirs (FY 05-06)**

**Sampling Dates: June 2007- March 2008**

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CDFG/Marine Pollution Studies at Moss Landing Marine Laboratories  
Updated: 04-03-08**

### **1.0 Introduction**

This report describes the sampling activities of the lakes and reservoirs in California for the SWAMP bioaccumulation of contaminants in fish tissue. Samples were collected for the SWAMP bioaccumulation oversight group (BOG) and State Water Quality Control Board (SWQCB) by California Department of Fish and Game (CDFG)/ Marine Pollution Studies Laboratory (MPSL) at Moss Landing Marine Laboratories (MLML). The SWQCB work was authorized via FY 05-06 in support of Work Order 06SWBG01. The work for the FY 05-06 SWAMP SWQCB collection effort is a screening study that focuses on the fishing beneficial use of lakes and reservoirs in California.

### **1.1 Cruise Report**

#### **1.1 Objectives**

The objectives were to choose a subset of lakes and reservoirs from the more than nine thousand water bodies in California. The subset was sampled in a random order indicated by a "Sampling Sequence" (Tables 2 and 4 Quality Assurance Program Plan (QAPP) Appendices) created by the use of a generalized random tessellation stratified (GRTS) approach (USEPA's Environmental Monitoring and Assessment Program, Stevens and Olsen 2004). The GRTS approach allows for a spatially balanced random draw, which gives the lakes and reservoirs an equal probability of being selected. Two separate random draws were performed by Don Stevens to first address the popular fishing areas and second to address a statewide fishing beneficial use. The first random draw was performed on popular fishing areas chosen from the book "California Fishing" by Tom Stienstra. Two hundred sixteen popular fishing areas were identified and placed in the GRTS design to produce a list that would be sampled in order. The first one hundred sixteen popular fishing areas were sampled for fish tissue and the remaining one hundred will be sampled the following year. The second GRTS list was performed on the more than nine thousand lakes and reservoirs "Other Lakes" (Table 4 QAPP Appendices). Fifty of these lakes and reservoir were sampled for fish tissue after eliminating five hundred thirteen potential water bodies from the list (Table 1 Lake Samplability). Of the one hundred sixty four lakes and reservoirs sampled, thirty eight were chosen by regional water quality control board to be trend sites (4-8 lakes per region), which require more intensive analysis (Table 3 QAPP Appendices). Lake size determined the number of fish and

locations to be collected. The fish tissue would be used for specific analyses as directed by BOG and SWQCB in Work Order No. 06SWBG01 (see Section 1.3 below). Sample stations were reached by boating to a “species-specific” habitat with gill nets, hook and line and/or an electrofisher boat. Two species of fish (bottom feeder and predatory) were collected at all locations when species composition allowed for it.

## 1.2 Sampling personnel

Billy Jakl	MPSL/CDFG	Crew Lead
Dylan Service	MPSL/CDFG	Crew Lead
Gary Ichikawa	MPSL/CDFG	Crew Lead
Jon Goetzl	MPSL/CDFG	Research Tech
John Negrey	MPSL/CDFG	Research Tech
Steve Martenuk	MPSL/CDFG	Research Tech
Kyle Skaff	MPSL/CDFG	Research Tech
Bryan Frueh	MPSL/CDFG	Research Tech
Sean Mundell	MPSL/CDFG	Research Tech

## 1.3 Authorization to collect samples

All sampling personnel are MPSL staff (through San Jose State University Foundation) contracted through CDFG to conduct the sample collection activities listed herein. The funding and authorization to collect the samples described herein is contained in the State Water Resources Control Board (SWRCB) Work Order 06SWBG01, including the description of the number samples and locations necessary to be collected at each water body.

## 1.4 Station reconnaissance and selection

CDFG /MPSL conducted the pre-sample collection reconnaissance activities from a list of water bodies provided by BOG and SWQCB. After reconnaissance, one hundred sixty four water bodies were considered sampleable. Water bodies were removed from the list due to the lack of: water, fish, fresh water or access. BOG and SWQCB authorized all one hundred thirty water bodies for specific types of analyses, as well as the funding for the collection and analyses as set forth in the Work Order 06SWBG01.

## 1.5 Summary of types of samples authorized to be collected

After reconnaissance, a total of one hundred sixty two water bodies were authorized for sample collection effort, in order to assess the bioaccumulation of contaminants in fish tissue. The target species were fish that are commonly caught and consumed by anglers and are good indicators of mercury, synthetic organics and selenium bioaccumulation. Two types of species were chosen based on their ability to best indicate the above contaminants. Top predatory species (ex. largemouth bass or trout) were targeted because mercury is biomagnified in tissue. Bottom-feeders (ex. carp or catfish) were collected as a second species due to their high lipid content which

accumulate organics. Sample size was based on lake size in hectares, for more detailed information reference section “III C” of the QAPP appendices. Analysis authorization dictates tissue compositing and analysis (QA/QC requirements-preservatives, aliquoting, cooling, etc.).

Physical parameters were collected for each fish, which included: weight, total length, fork length, sex and were any abnormalities when present. A cross-section (~10cm) of tissue (steak) was collected from behind the head and was then wrapped in aluminum foil and placed in a zipper-closure bag and stored on dry ice. Samples were stored on dry ice until handed to MPSL/DFG lab for authorized analysis, per appropriate SOP's.

Scales were collected from predatory species for age growth analysis, used in an age regression with mercury concentration. Black bass species were used for this analysis due to their high correlation of age to mercury concentration.

Otoliths were taken for both predatory and bottom species at every trend site when applicable. Otoliths were then archived for age growth analysis, which could be used in an age regression with mercury concentration.

## **1.6 Discussion**

Site access and lack of water were the major problems encountered during sampling. Either access to the lake was denied or the lake was dry. Some of the boat launches required creative use of ramps, rocks, and debris.

## **1.7 Results**

Out of the one hundred sixty four water bodies authorized to be sampled for fish, one hundred fifty-nine were sampled and had fish tissue collected. Only five “Other Lakes” had sampling effort but no fish collected. Tables 1.8.1 and 1.8.2 are linked to the figures of each water body sampled. Scales were taken from all black bass species collected. Otoliths were also extracted and archived from both predatory and bottom species collected at trend lakes and reservoirs.

## **1.8 Description of Sample Collection Stations**

Multiple CDFG/MPSL teams sampled the authorized lakes and reservoirs. Descriptions and maps of sample collection, access issues, and species sampled are divided into two tables, popular and other. Each table is linked to the description for the water bodies sampled. Trend sites are labeled with italic names in the table.

### 1.8.1 Table of Contents for Sample Collection in Popular Water Bodies

<b>Water Body Name (Code)</b>	<b>Page</b>	<b>Water Body Name (Code)</b>	<b>Page</b>
Alondra Park Lake (411PAP023)	7	Lake Gregory (628PGL147)	77
Anderson Lake (205PAD016)	9	Lake Havasu (714PLH216)	79
Apollo Lake (626PAP079)	11	Lake Hodges (905PLH070)	81
Big Bear Lake (801PBB131)	12	Lake Kaweah (553PLK054)	83
Big Lagoon (108PBL066)	14	Lake Lagunitas (201PLL053)	85
Bon Tempe Lake (201PBT189)	15	Lake Mary (603PML059)	86
Bowman Lake (517PBL108)	16	Lake McClure (537PLM215)	87
Bridgeport Reservoir (630PBR199)	17	Lake McSwain (537PLM116)	90
Camanche Reservoir (531PCR145)	19	Lake Mendocino (114PLM149)	92
Camp Far West Res. (516PCF037)	21	Lake Nacimeinto (309PLN060)	94
Caples Lake (514PCP024)	23	Lake Natomas (519PNL133)	96
Castaic Lake (403CASTLK)	24	Lake Oroville (518POV021)	98
Chesbro Reservoir (305PCB032)	26	Lake Pillsbury (111PLP137)	100
Collins Lake (517PCL005)	28	Lake Piru (403PIRULK)	102
Contra Loma Res. (543PCL017)	30	Lake San Antonio (309PSA164)	104
Don Pedro Res. (536PDP167)	31	Lake Shasta (506PSH018)	106
Donner Lake (635PDL028)	34	Lake Sanoma (114PLS121)	108
Eagle Lake (637PEL213)	35	Lake Tahoe (634PTL040)	110
East Park Reservoir (522PEP025)	37	Little Rock Reservoir (625PLR135)	113
Florence Lake (540PFL038)	39	Loon Lake (514PLL080)	115
Folsom Lake (514PFL177)	40	Lopez Lake (310PLL106)	116
French Meadows Res.(514PFR012)	42	Los Banos Creek Res.(542PLB064)	118
Frenchman Lake (518PFL011)	44	Lower Bear Res. (532PLB068)	119
Gold Lake (518PGL056)	45	Lower Otay Res. (910PLO182)	120
Grant Lake (601PGL071)	46	Lundy Lake (601PLL087)	122
Gumboat Lake (525PGB050)	47	Mammoth Pool Res. (540PMP188)	123
Harry L. Englebright Lake (517PHE065)	48	Millerton Lake (540PML138)	124
Hell Hole Reservoir (514PHH052)	50	Modesto Reservoir (535PMR063)	126
Hensley Lake (539PHL082)	52	New Hogan Res. (533PNH089)	128
Indian Creek Reservoir (632PID044)	54	New Bullards Bar (517PNB117)	130
Iron Canyon Res. (526PIR045)	55	New Malones Res.(534PNM092)	132
Jackson Meadows Res.(517PJM160)	56	O'Neill Forebay (541POF104)	134
Lake Alpine (534PAL020)	57	Pardee Reservoir (532PPD073)	136
Lake Amador (532PLA129)	58	Pinecrest Lake (534PCP036)	137
Lake Arrowhead (628PLA091)	60	Pinto Lake (305PPL088)	138
Lake Berryessa (511PLB077)	62	Prado Lake (801PPP187)	140
Lake Cahullia (719PLC115)	64	Prosser Reservoir (635PPC084)	142
Lake Casitas (402PLC055)	66	Puddingstone Res.(405PPS051)	143
Lake Chabot (San Leandro) (206PLC217)	68	Pyramid Lake (403PPL039)	145
Lake Chabot (Vallejo) (204PLC157)	70	Ramer Lake (723PRL075)	147
Lake Crowley (603PCW027)	72	Rollins Reservoir (516PRR201)	149
Lake Elsinore (802PEL058)	74	Salton Sea (728PSS171)	151
Lake George (603PLG043)	76	San Luis Res. (542PLS200)	153



**1.8.1 (Continued) Table of Contents for Sample Collection in Popular Water Bodies**

<b>Water Body Name (Code)</b>	<b>Page</b>	<b>Water Body Name (Code)</b>	<b>Page</b>
San Pablo Reservoir (206PSP205)	155	Success Lake (555PSL174)	175
San Vicente Res. (907PSV014)	157	Sweetwater Res. (909PSW046)	177
Santa Margarita L. (309PSM206)	159	Topaz Lake (631PTL196)	179
Santa Fe Reservoir (405PSF067)	160	Trinity Lake (106PTL209)	181
Santiago Reservoir (801PSR210)	162	Tulloch Reservoir (534PTR111)	183
Shaver Lake (540PSL150)	164	Turlock Lake (535TL004)	185
Silver Lake (601PSL015)	165	Uvas Reservoir (305PUR072)	187
Silverwood Lake (628PSW035)	166	Virginia Lake (630PVL031)	188
Soulejule Lake (201PSL093)	168	Weist Lake (723PWT019)	189
Spring Lake (114PSP009)	170	Wishon Reservoir (552PWS022)	191
Stevens Creek Res. (205PSC048)	171	Woodward Res. (535PWR185)	193
Stony Gorge Res.(522PSG041)	173	Yosemite Lake (544PYL033)	195

**1.8.2 Table of Contents for Sample Collection in Other Water Bodies**

<b>Water Body Name (Code)</b>	<b>Page</b>	<b>Water Body Name (Code)</b>	<b>Page</b>
Briones Reservoir (206TB0298)	197	Loveland Reservoir (909TL0063)	242
Calaveras Res. (204TC0122)	199	Lower Blue Lake (513TB0186)	244
Castac Lake (556TC0084)	201	Lower Bucks Lake (518TB0254)	246
Cosumnes River (544TC0450)	203	Lower Crystal Spring (204TC0114)	247
Crater Lake (637TC0195)	205	Lower Klamath(Unit 2) (105TK0005)	248
Discovery Bay (544TD0058)	206	Lower Klamath(Unit 8) (105TK0049)	249
Elderberry Forebay (403TU0148)	208	Malibu Lake (404TM0284)	250
Feeley Lake (517TF0373)	210	Marsh in Fresno Sl. (551TM0040)	252
Ferguson Lake (715TF0091)	211	Moon Lake (526TM0179)	253
Finger Lake (504TF0393)	213	Ogier Quarry Pond (205TU0132)	255
Fuller Lake (517TF0125)	215	Pilarcitos Lake (207TP0362)	256
Gene Wash Reservoir (714TG0155)	216	Pine Flat Lake (552TP0032)	257
Hetch Hetchy (536TH0153)	218	Reservoir F (105TF0007)	259
Jackson Lake (517TJ0309)	220	San Leandro(upper) (204TL0138)	260
Jameson Lake (314TJ0396)	221	Senator Wash Res. (715TS0339)	261
Kidd Lake (517TK0405)	222	Spring Valley Lake (628TS0499)	262
La Grange Res. (536TU0301)	224	Stumpy Meadows Res.(514TS0109)	263
Lago Los Osos (204TU0318)	225	The Meadows Slough (510TM0386)	264
Lake California (508TU0081)	226	Tenaya Lake (537TT0185)	265
Lake Combie (516TC0293)	228	Thermalito Afterbay (115TT0326)	266
Lake Henne (206TH0126)	230	Tunnel Reservoir (526TT0381)	268
Lake Madigan (207TM0194)	232	Upper Twin Lake (630TT0137)	269
Lake Mathews (801TM0391)	233	Unnamed (545TU0164)	270
Lake Merrit (204TM0010)	235	Unnamed (531TU0073)	271
Lake of the Pines (516TP0045)	236	West Valley Reservoir (526TW0051)	272
Lake Palmdale (626TU0279)	238	White Pines Reservoir (533TU0053)	273
Las Virgenes Res. (404TV0036)	240	Zyack lake (516TU173)	274

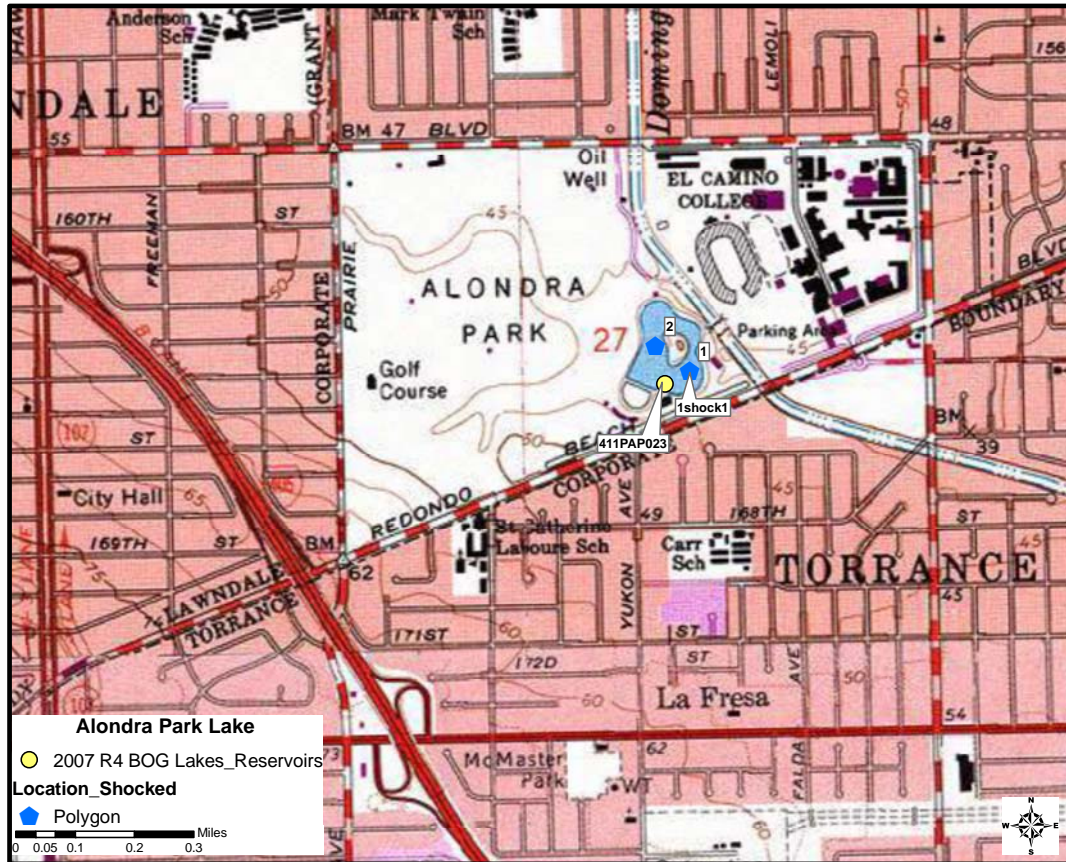
## References

Bonnema, A. 2007. Quality Assurance Project Plan Screening Study of Bioaccumulation in California Lakes and Reservoirs. Moss Landing Marine Labs. Prepared for SWAMP BOG, 46 pages plus appendices and attachments.

Stevens, D.L., Jr., and A.R. Olsen. 2004. Spatially balanced sampling of natural resources. *Journal of the American Statistical Association* 99(465): 262-278.

Steinstra, T. 2004. FOGHORN OUTDOORS CALIFORNIA FISHING The Complete Guide to Fishing on Lakes, Streams, Rivers, and Coasts, 7<sup>th</sup> Edition. Emeryville (CA): Avalon Travel Publishing. 697p.

2007 R4 BOG Alondra Park Lake (411PAP023)



**Latitude:** 33.88143

**Longitude:** -118.33433

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** July 31, 2007 (Trip 9)

**Samplers:** Dylan Service, Billy Jakl

**Fish caught:**

Location 1: Largemouth Bass											
TL (mm)	213	224	269	273	362	384	427	457	492	493	506
Tag #	7048	7049	7051	7050	7053	7055	7054	7047	7052	7044	7043

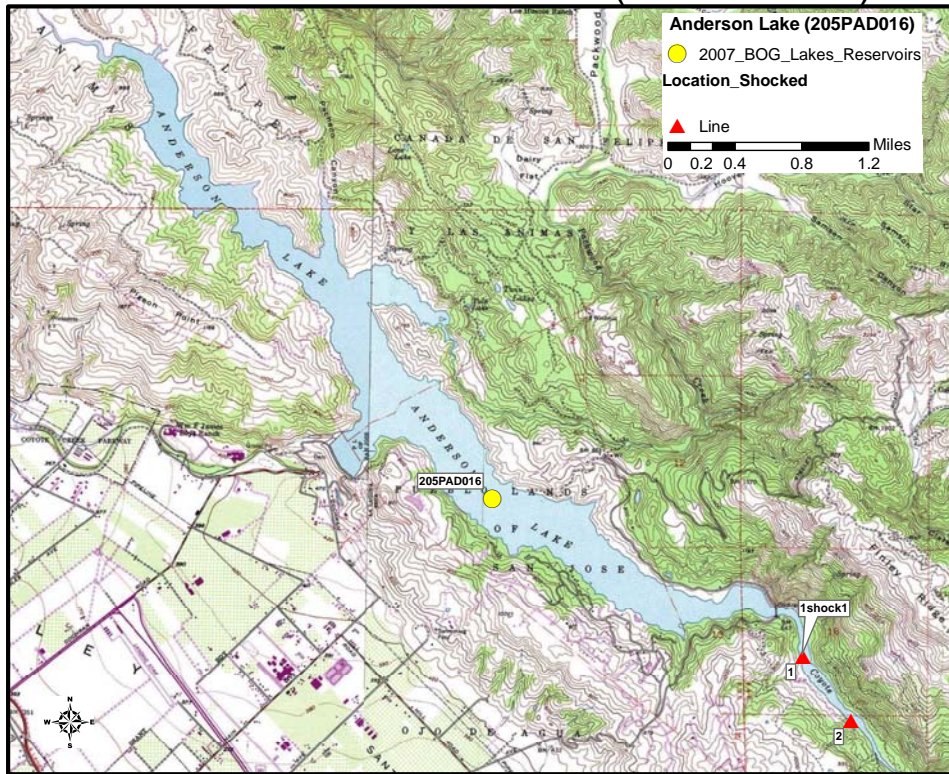
Largemouth Bass					
TL (mm)	511	524	526	532	557
Tag #	7040	7041	7046	7045	7042

Common Carp										
<b>TL (mm)</b>	604	651	651	662	669	674	681	682	727	748
<b>Tag #</b>	7030	7035	7037	7039	7034	7036	7033	7031	7032	7038

**Comments:** The sampling vessel was launched with ramps from the concrete banks. Two species of fish were collected using the electrofisher boat. A sample for both species was collected: largemouth bass (16 fish) and carp (10 fish). Bluegill was the only other fish present.

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## 2007 BOG Anderson Lake (205PAD016)



**Latitude:** 37.16265

**Longitude:** -121.61243

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** July 03, 2007 (Trip 5)

**Samplers:** Gary Ichikawa, Susan Mason, and George Radojevic

**Fish caught:**

Largemouth Bass											
<b>TL (mm)</b>	208	224	266	288	312	319	340	350	379	508	515
<b>Tag #</b>	6717	6718	6719	6720	6722	6721	6723	6724	6725	6727	6726

Carp										
<b>TL (mm)</b>	469	470	479	490	498	509	520	520	524	540
<b>Tag #</b>	6715	6709	6716	6707	6713	6714	6711	6712	6710	6708

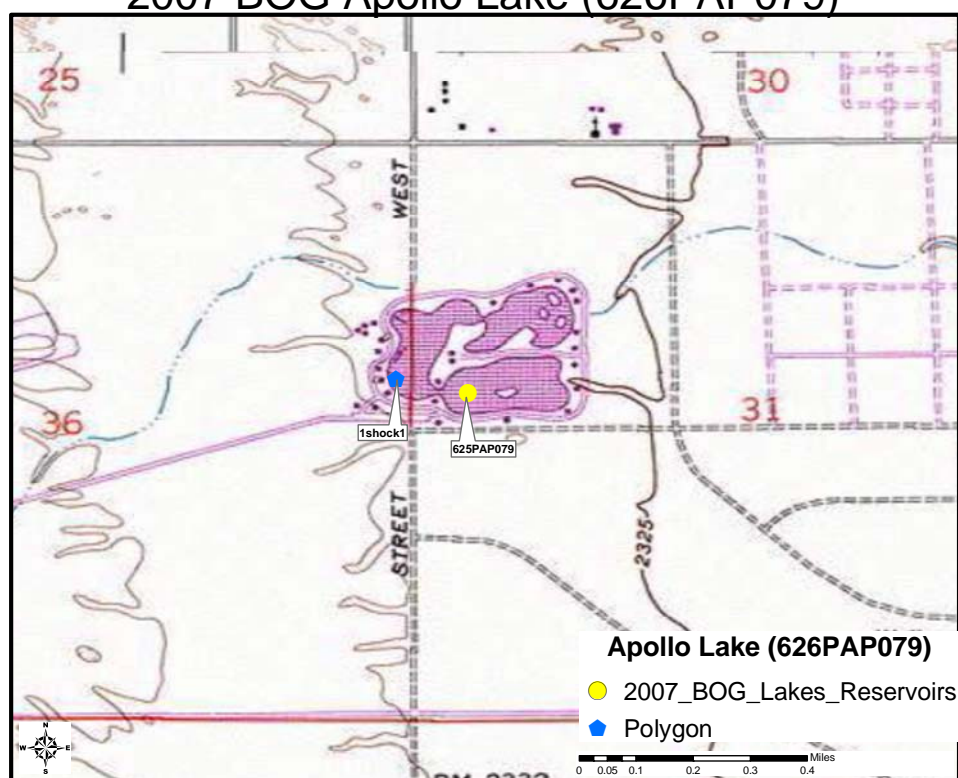
**Comments:** The sampling vessel was launched from a concrete launch ramp at the main entrance to the park. Two species of fish were collected using the electrofisher boat. A

sample for both species was collected: largemouth bass (11 fish) and carp (10 fish). No other fish were present.

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## 2007 BOG Apollo Lake (626PAP079)



**Latitude:** 34.81517

**Longitude:** -118.18252

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** November 12, 2007 (Trip 23)

**Samplers:** Billy Jakl, Steve Martenuk

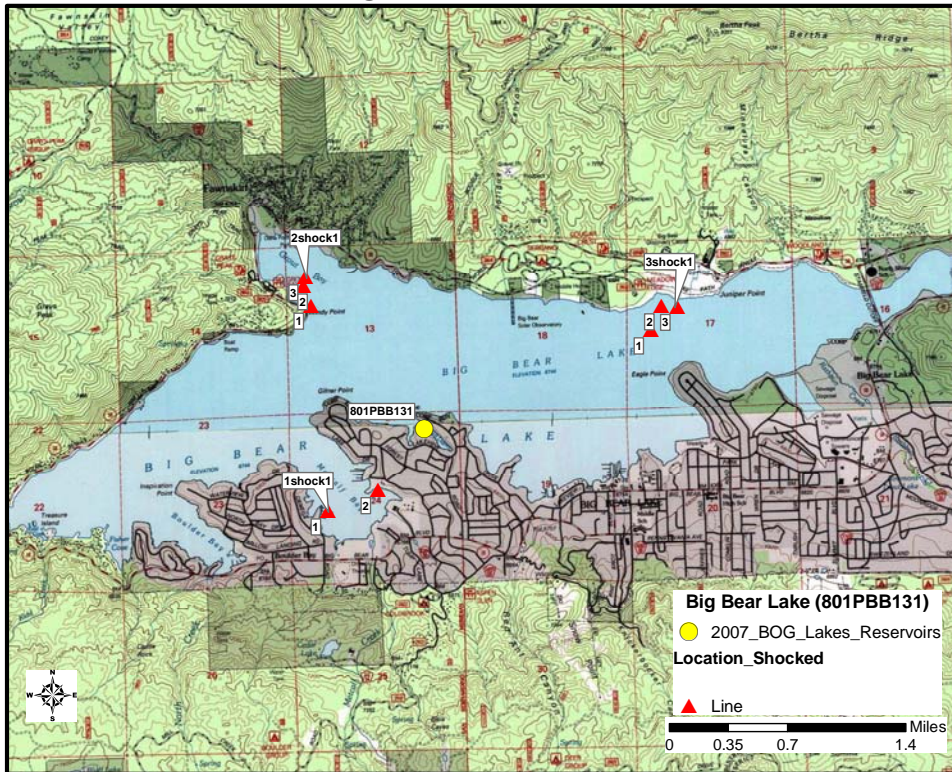
**Fish caught:**

Rainbow Trout										
<b>TL (mm)</b>	300	321	325	326	340	357	360	382	386	400
<b>Tag #</b>	8812	8807	8814	8813	8809	8811	8805	8806	8810	8808

**Comments:** The sampling vessel was launched from the bank. A sample of rainbow trout (10 fish) was collected using the electrofisher boat. No bottom species were collected.

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## 2007 BOG Big Bear Lake (801PBB131)



**Latitude:** 34.24955

**Longitude:** -116.93076

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** August 20, 2007 (Trip 12)

**Samplers:** Billy Jakl, Sean Mundell

**Fish caught:**

Location 1: Carp					
<b>TL (mm)</b>	460	465	475	515	600
<b>Tag #</b>	8705	8704	8706	8703	8702

Location 2: Carp					
<b>TL (mm)</b>	445	465	495	502	550
<b>Tag #</b>	8709	8707	8711	8710	8708

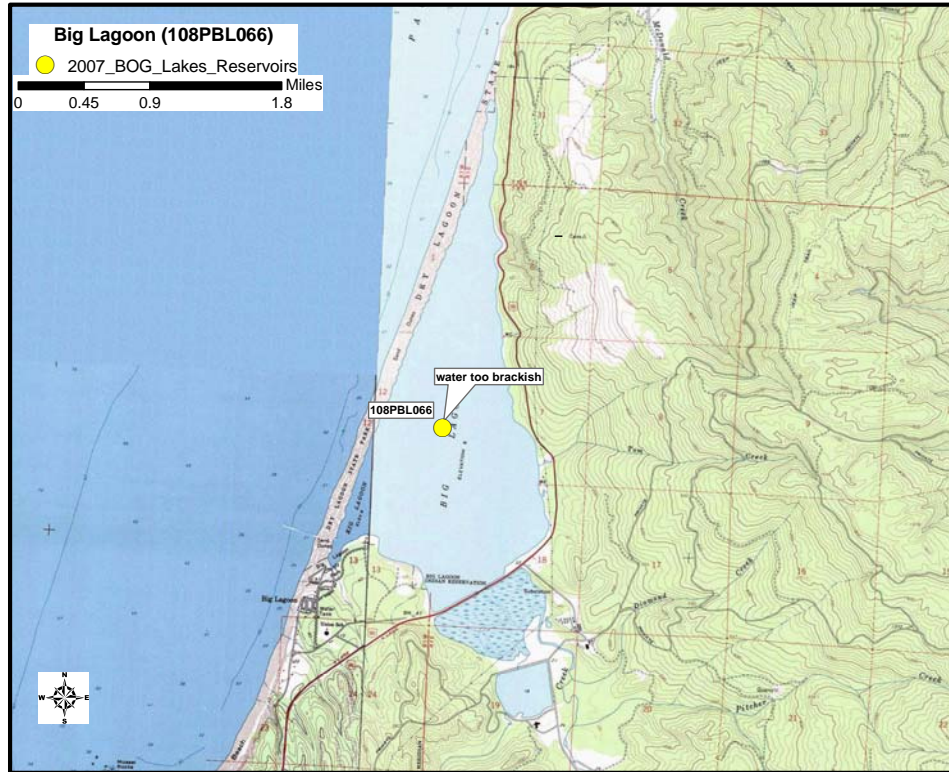


Location 1: Carp					
<b>TL (mm)</b>	482	498	515	540	593
<b>Tag #</b>	8713	8716	8714	8712	8715

**Comments:** The sampling vessel was launched from a concrete launch ramp at Pleasure Point Marina. Three locations were sampled using the electorfisher boat. A sample of carp (5 fish) was collected for all three locations. Brown bullhead was the only other fish seen.

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## 2007 BOG Big Lagoon (108PBL066)



**Latitude:** 41.17832

**Longitude:** -124.11715

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** July 10, 2007 (Trip 6)

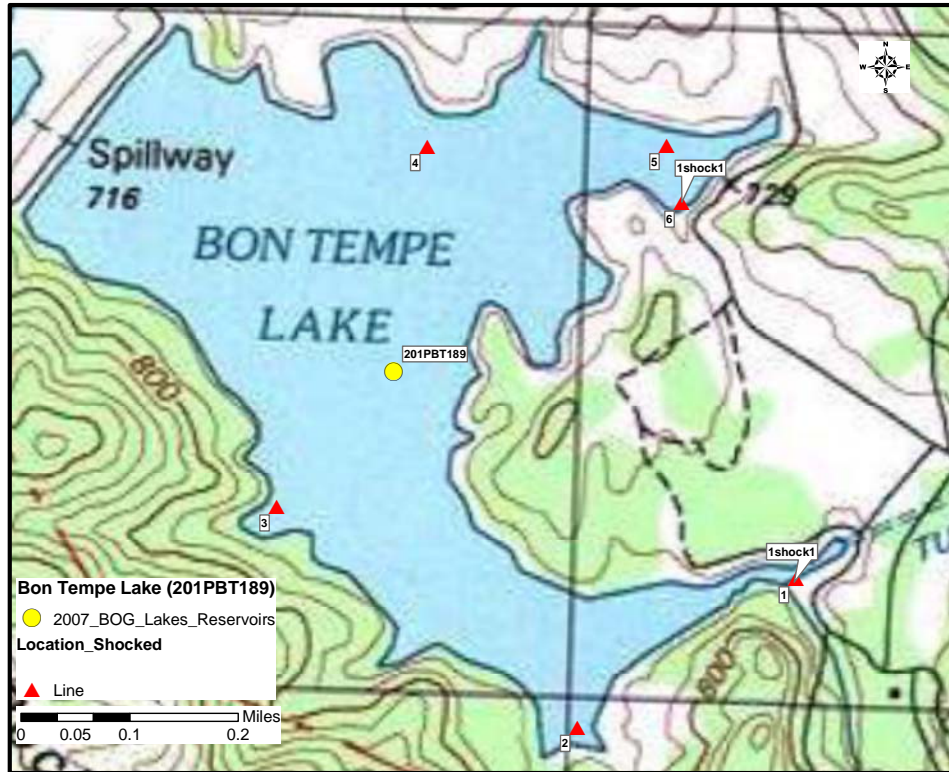
**Samplers:** John Negrey, Kyle Skaff

**Fish caught:** No fish collected

**Comments:** The sampling vessel was launched from a small ramp at the entrance. No fish were collected because the water in the lagoon was saltwater.

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## 2007 BOG Bon Tempe Lake (201PBT189)



**Latitude:** 37.95301

**Longitude:** -122.60579

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** July 05, 2007 (Trip 5)

**Samplers:** Bryan Frueh, John Negrey

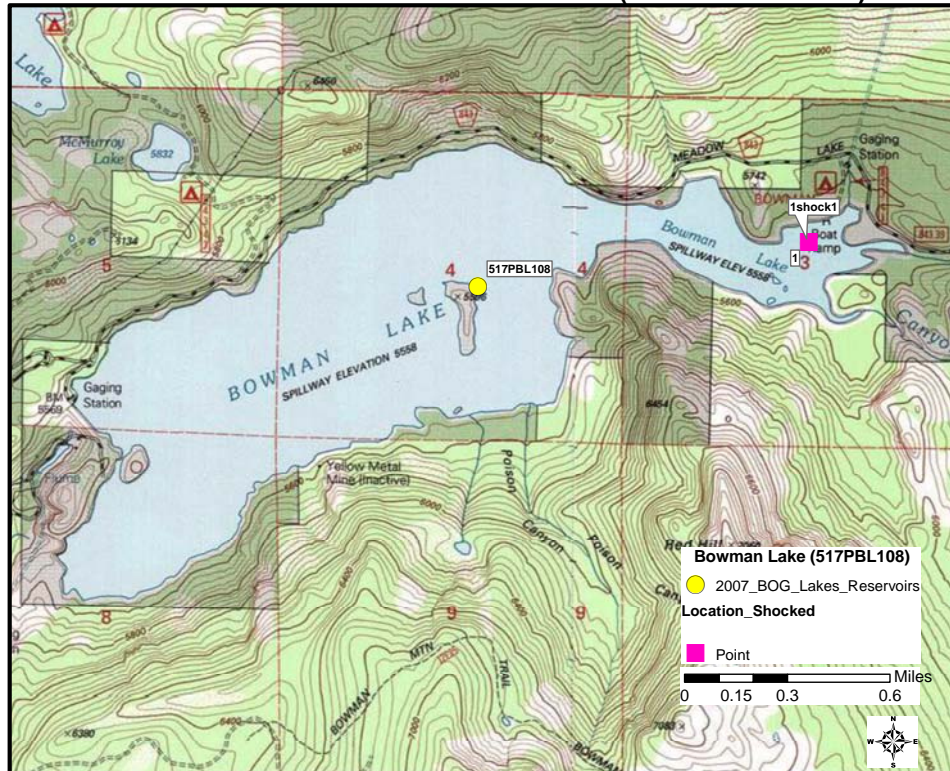
**Fish caught:**

Largemouth Bass											
<b>TL (mm)</b>	231	237	269	272	325	366	380	394	405	412	428
<b>Tag #</b>	2738	2737	2735	2736	2743	2745	2742	2744	2741	2739	2740

**Comments:** The sampling vessel was launched from a concrete launch ramp at the park entrance. A sample of largemouth bass (11 fish) was collected using the electrofisher boat. No bottom species were collected.

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## 2007 BOG Bowman Lake (517PBL108)



**Latitude:** 39.45495

**Longitude:** -120.63141

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** October 23, 2007 (Trip 20)

**Samplers:** Dylan Service, John Negrey

**Fish caught:**

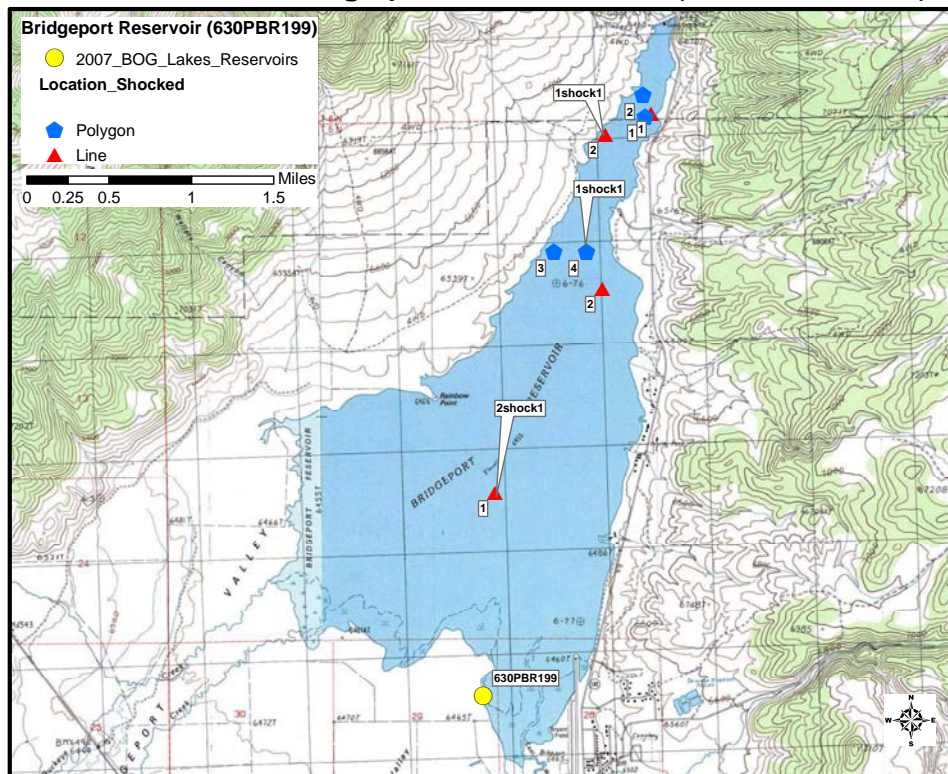
Brown Trout										
<b>TL (mm)</b>	359	369	374	393	399	402	404	411	419	441
<b>Tag #</b>	9048	9045	9046	9051	9052	9049	9050	9047	9053	9044

**Comments:** The sampling vessel was launched from the bank. A sample of brown trout (10 fish) was collected using the electrofisher boat. No bottom species were collected.

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## 2007 BOG Bridgeport Reservoir (630PBR199)



**Latitude:** 37.95301

**Longitude:** -122.60579

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** September 12, 2007 (Trip 15)

**Samplers:** Billy Jakl, Steve Matenuk

**Fish caught:**

Rainbow Trout					
<b>TL (mm)</b>	340	432	585	629	>530
<b>Tag #</b>	8194	8193	8191	8190	8192

**Comments:** The sampling vessel was launched from the bank near the dam. A sample of rainbow trout (5 fish) was collected using the electrofisher boat. No bottom species were collected. Engine trouble cut sampling short. The site had to be revisited. The only other fish seen were: brown trout, one carp (>800) and five Sacramento suckers (<200).

**Date (s) of Collection:** November 7, 2007 (Trip 22)

**Samplers:** Dylan Service, Kyle Skaff

**Fish caught:**

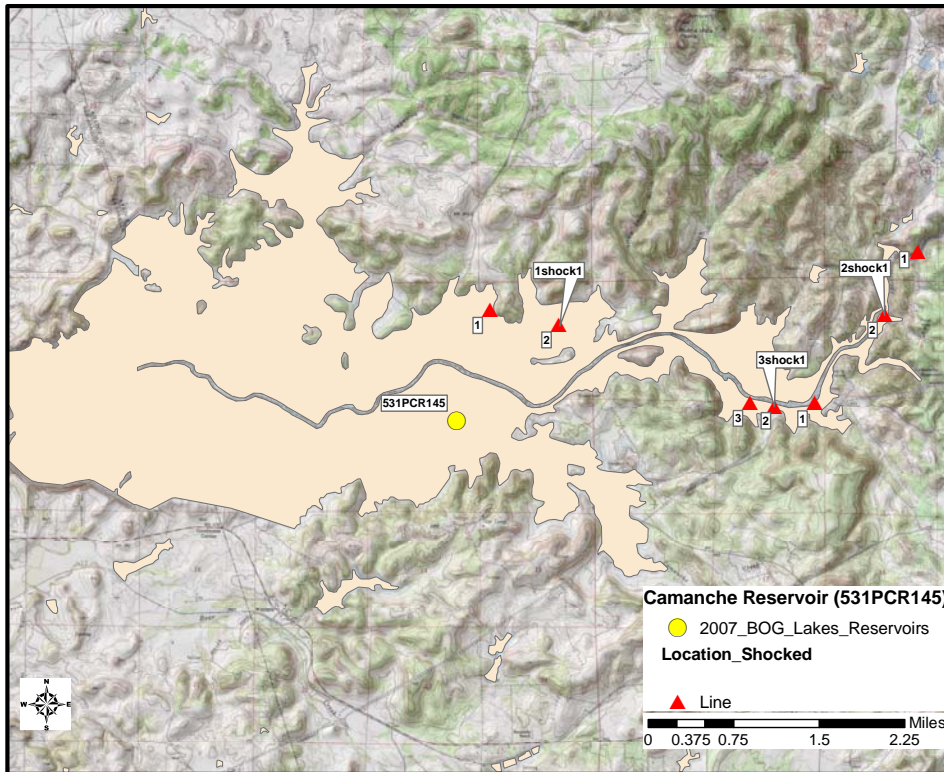
Location 1: Rainbow Trout					
<b>TL (mm)</b>	214	224	236	243	256
<b>Tag #</b>	09088	09086	09084	09087	09085

Location 2: Rainbow Trout					
<b>TL (mm)</b>	232	242	245	265	270
<b>Tag #</b>	09090	09093	09092	09091	09089

**Comments:** The sampling vessel was launched from the bank. Two locations were sampled using the electrofisher boat. A sample of rainbow trout (5 fish) was collected at each location. Location one from the first sampling effort was over the 75% size range, so the site had to be sampled again. No bottom species were collected.

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## 2007 BOG Camanche Reservoir (531PCR145)



**Latitude:** 38.21860  
**Longitude:** -120.94953

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** November 27-28, 2007 (Trip 25)

**Samplers:** Dylan Service, Billy Jakl

**Fish caught:**

Location 1: Largemouth Bass											
<b>TL (mm)</b>	266	271	293	312	357	383	393	405	421	447	516
<b>Tag #</b>	09620	09621	09622	09623	09624	09402	09625	09403	09401	09404	09405

Location 2: Largemouth Bass											
<b>TL (mm)</b>	224	226	269	281	323	327	329	366	407	439	446
<b>Tag #</b>	09406	09407	09408	09409	09411	09410	09412	09413	09414	09416	09415

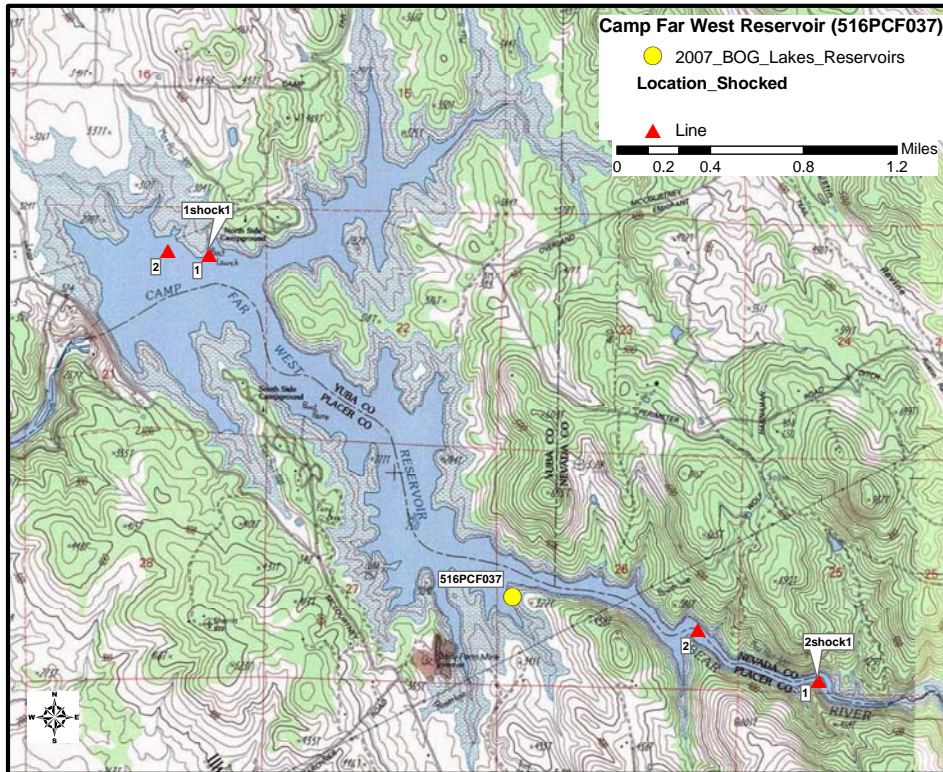
Location 3: Largemouth Bass											
<b>TL (mm)</b>	224	281	293	299	380	381	392	394	405	439	447
<b>Tag #</b>	09417	09418	09420	09419	09423	09425	09424	09421	09422	09426	09427

**Comments:** The sampling vessel was launched from a concrete ramp. Three locations were sampled using the electrofisher boat. A sample of largemouth bass (11 fish) was collected at each location. One channel catfish and rainbow trout were the only other fish present.

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## 2007 BOG Camp Far West Reservoir (516PCF037)



**Latitude:** 39.03390

**Longitude:** -121.28307

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** September 4, 2007 (Trip 14)

**Samplers:** Dylan Service, Gary Ichikawa

**Fish caught:**

Location 1: Spotted Bass											
TL (mm)	204	206	274	292	308	309	311	337	349	356	362
Tag #	7928	7927	7929	7930	7933	7932	7931	7934	7936	7935	7937

Location 2: Spotted Bass											
TL (mm)	202	207	252	297	319	321	326	334	339	412	454
Tag #	7943	7944	7945	7946	7947	7851	7950	7948	7949	7852	7853

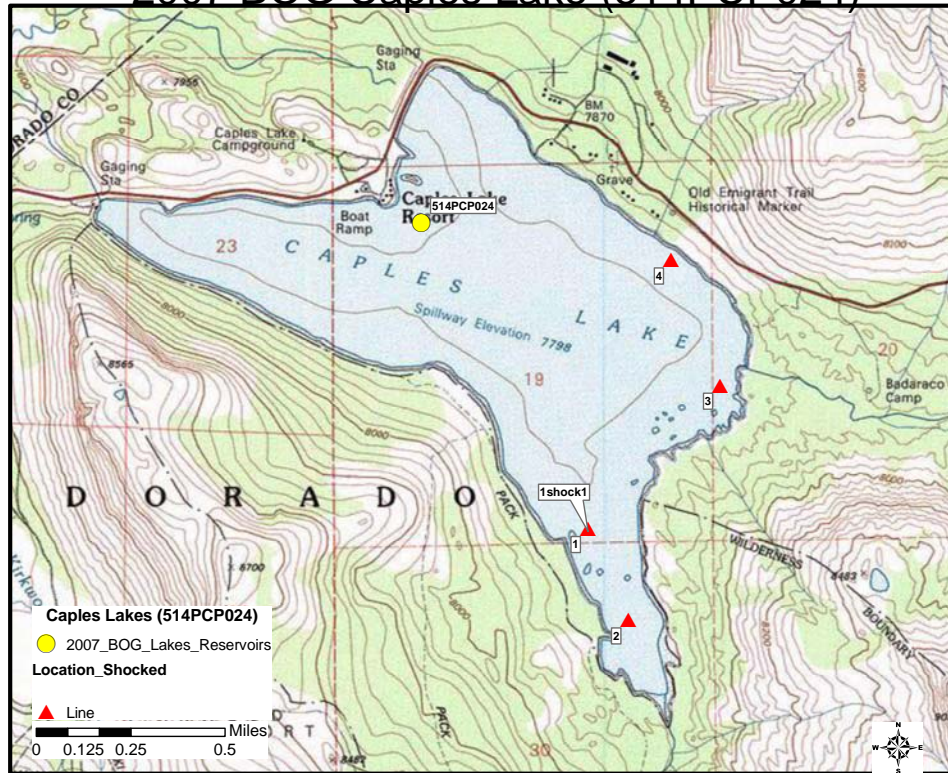
Location 1: Channel Catfish					
<b>TL (mm)</b>	441	449	456	471	476
<b>Tag #</b>	7922	7925	7926	7924	7923

Location 2: Channel Catfish					
<b>TL (mm)</b>	386	412	414	429	449
<b>Tag #</b>	7942	7941	7939	7938	7940

**Comments:** The sampling vessel was launched from a concrete launch ramp. Two locations were sampled using the electrofisher boat. A sample of spotted bass (11 fish) and channel catfish (5 fish) were collected at both locations. Two carp were the only other fish present.

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## 2007 BOG Caples Lake (514PCP024)



**Latitude:** 38.70241  
**Longitude:** -120.04897

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** September 26, 2007 (Trip 17)

**Samplers:** Billy Jakl, Kyle Skaff

**Fish caught:**

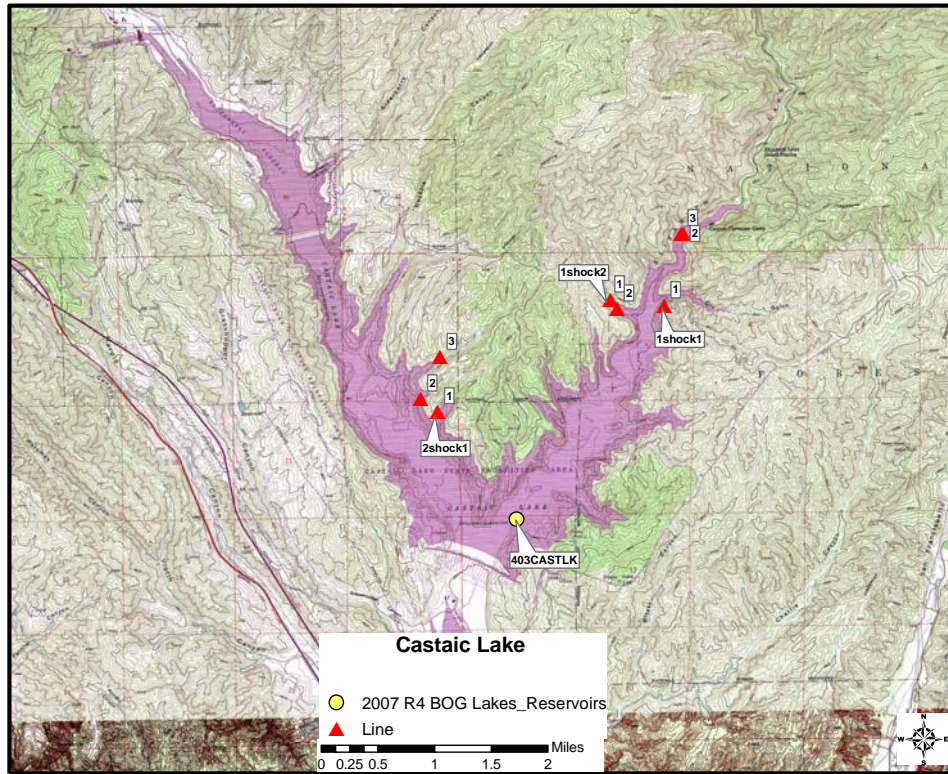
Brown Trout										
<b>TL (mm)</b>	316	326	351	352	352	354	362	394	416	420
<b>Tag #</b>	8286	8282	8281	8280	8284	8283	8285	8279	8278	8277

**Comments:** The sampling vessel was launched from a concrete ramp. A sample of brown trout (10 fish) was collected using the electrofisher boat. No bottom species were collected. Rainbow trout and lake trout were the only other fish present.

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2007 R4 BOG Castaic Lake (403HUGHLK)



**Latitude:** 34.52495  
**Longitude:** -118.59938

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** June 11, 2007 (Trip 2)

**Samplers:** Dylan Service, John Negrey

**Fish caught:**

Location 1: Largemouth Bass											
<b>TL (mm)</b>	210	249	255	265	335	340	375	380	390	410	450
<b>Tag #</b>	6618	6619	6532	6531	6623	6530	6625	6621	6624	6622	6620

Location 2: Largemouth Bass											
<b>TL (mm)</b>	212	224	289	301	322	337	386	396	397	446	487
<b>Tag #</b>	6540	6541	6538	6539	6545	6543	6544	6547	6548	6542	6546

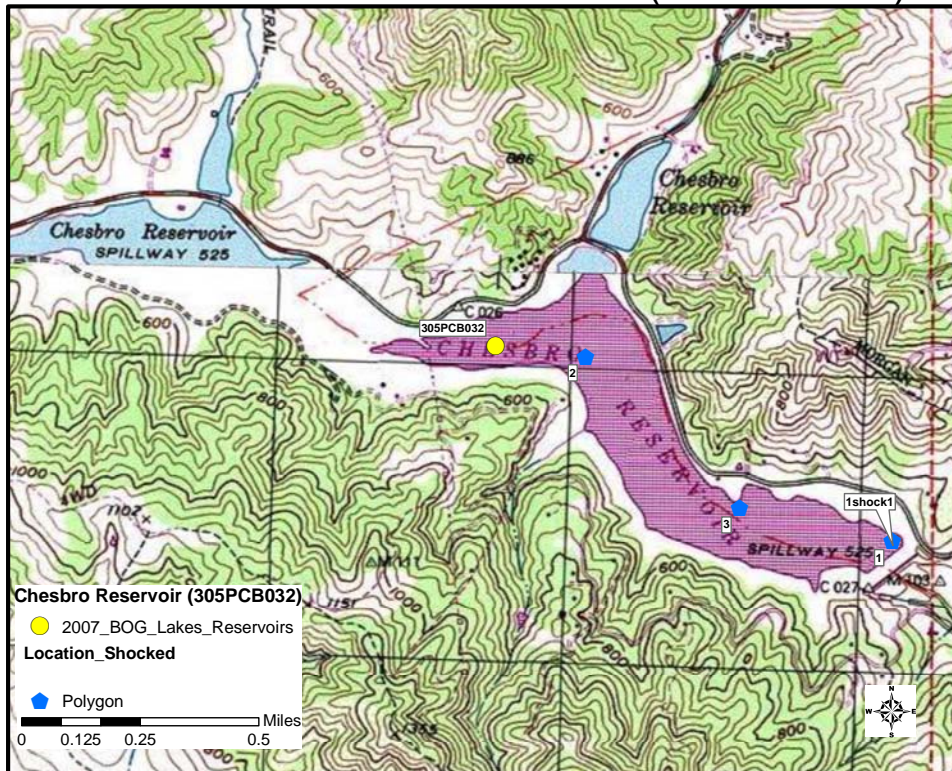
Location 1: Carp					
<b>TL (mm)</b>	565	580	585	620	620
<b>Tag #</b>	6613	6614	6616	6615	6617

Location 2: Carp					
<b>TL (mm)</b>	590	610	610	610	625
<b>Tag #</b>	6535	6533	6536	6537	6534

**Comments:** The sampling vessel was launched from a concrete ramp at the entrance. Two locations were sampled using the electrofisher boat. A sample of largemouth bass (11 fish) and carp (5 fish) were collected at both locations. No other fish were seen.

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## 2007 BOG Chesbro Reservoir (305PCB032)



**Latitude:** 37.12271

**Longitude:** -121.70944

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** July 17, 2007 (Trip 7)

**Samplers:** Billy Jakl, Sean Mundell

**Fish caught:**

Largemouth Bass											
<b>TL (mm)</b>	228	238	260	282	365	375	378	380	390	505	562
<b>Tag #</b>	6819	6820	6821	6822	6824	6826	6823	6825	6827	6828	6829

Carp										
<b>TL (mm)</b>	473	486	495	500	510	512	525	532	570	630
<b>Tag #</b>	6813	6812	6815	6817	6809	6811	6814	6818	6810	6816

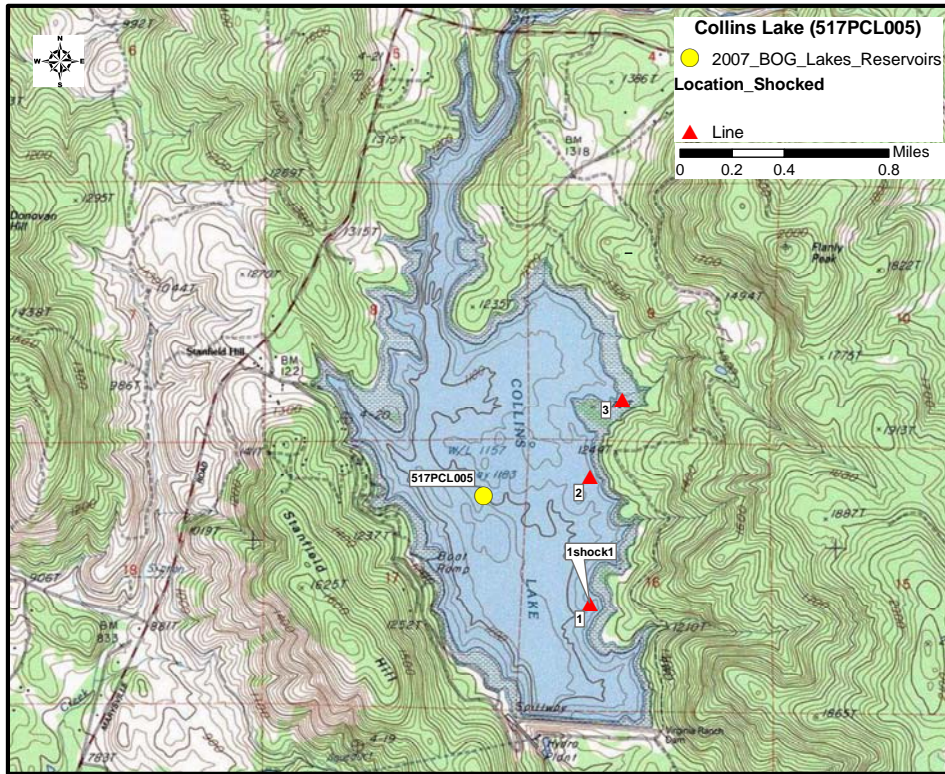
**Comments:** The sampling vessel was launched from a concrete launch ramp at the main entrance to the park. Two species of fish were collected using the electrofisher boat. A

sample for both species was collected: largemouth bass (11 fish) and carp (10 fish). No other fish were present.

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## 2007 BOG Collins Lake (517PCL005)



**Latitude:** 39.33586  
**Longitude:** -121.31784

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** March 11, 2008 (Trip 27)

**Samplers:** Billy Jakl, Dylan Service

**Fish caught:**

Largemouth Bass											
<b>TL (mm)</b>	293	300	309	319	322	329	331	331	351	372	372
<b>Tag #</b>	09802	09800	09797	09801	09799	09795	09794	09798	09796	09790	09793

Largemouth Bass					
<b>TL (mm)</b>	373	379	401	411	468
<b>Tag #</b>	09791	09792	09789	09788	09787

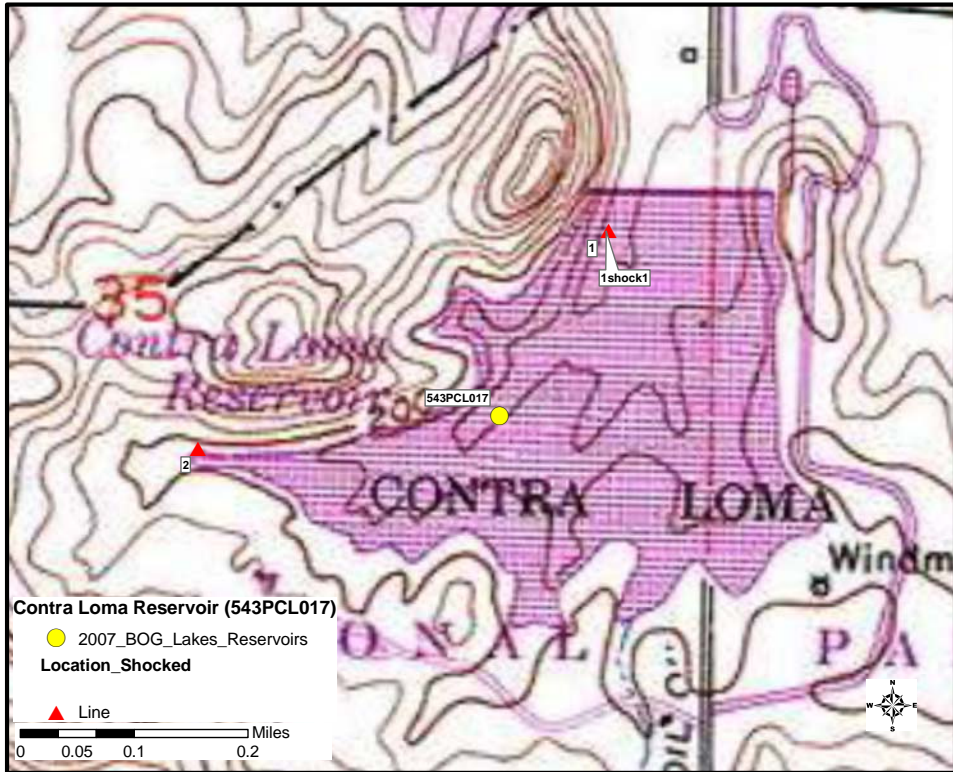
**Comments:** The sampling vessel was launched from a concrete launch ramp at the park entrance. A sample of largemouth bass (16 fish) was collected using the electrofisher



boat. No bottom species were collected. The other fish seen were: rainbow Trout, smallmouth bass, bluegill, black crappie and one channel catfish.

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## 2007 BOG Contra Loma Reservoir (543PCL017)



**Latitude:** 37.97438

**Longitude:** -121.82701

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** August 6, 2007 (Trip 10)

**Samplers:** Dylan Service, Gary Ichikawa

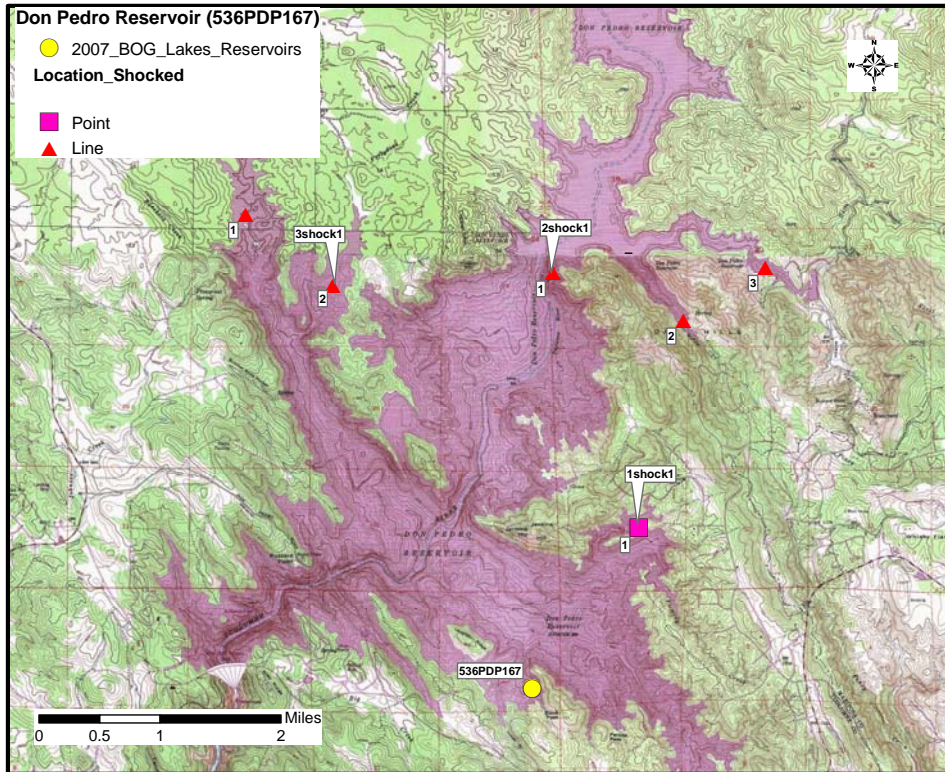
**Fish caught:**

Location 1: Largemouth Bass											
<b>TL (mm)</b>	211	249	263	267	322	324	324	329	352	356	364
<b>Tag #</b>	8695	8696	8697	8698	7229	7231	7233	7232	8700	7226	8699

**Comments:** The sampling vessel was launched from a concrete launch ramp. A sample of largemouth bass (16 fish) was collected using the electrofisher boat. No bottom species were collected. No other fish were present.

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## 2007 BOG Don Pedro Reservoir (536PDP167)



**Latitude:** 37.69806

**Longitude:** -120.37531

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** April 17, 2007 (FMP)

**Samplers:** Dylan Service, Gary Ichikawa

### Fish caught:

Location 1: Largemouth Bass											
<b>TL (mm)</b>	280	306	322	330	335	341	344	374	457	460	482
<b>Tag #</b>	2360	2358	2359	2357	2355	2352	2356	2354	2351	2353	2350

Location 1: Rainbow Trout					
<b>TL (mm)</b>	339	343	345	355	363
<b>Tag #</b>	2372	2369	2371	2370	2368

Location 1: Black Crappie					
<b>TL (mm)</b>	284	285	285	289	295
<b>Tag #</b>	2364	2362	2365	2361	2363

Location 1: Chinook Salmon		
TL (mm)	306	350
Tag #	2367	2366

**Comments:** The sampling vessel was launched from a concrete launch ramp. Four species of fish were collected using the electrofisher boat. A sample for all the species was collected: largemouth bass (11 fish), rainbow trout (5 fish), Chinook salmon (2 fish) and black crappie (5 fish). Extra fish were collected because this effort was also used in the Fish Mercury Project. The site was revisited for BOG sampling requirements.

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** August 29, 2007 (Trip 13)

**Samplers:** Billy Jakl, Dylan Service

**Fish caught:**

Location 1: Largemouth Bass	
TL (mm)	292
Tag #	7544

Location 2: Largemouth Bass											
TL (mm)	241	244	299	300	312	316	318	319	354	469	491
Tag #	7550	7776	7777	7778	7785	7784	7781	7782	7783	7780	7779

Location 3: Largemouth Bass											
TL (mm)	201	214	272	284	322	344	382	392	396	479	539
Tag #	7533	7534	7535	7536	7539	7540	7543	7541	7542	7537	7538

Location 1: Carp					
TL (mm)	531	544	564	567	573
Tag #	7545	7546	7548	7549	7547

Location 2: Carp					
TL (mm)	541	548	554	586	586
Tag #	7790	7789	7787	7786	7788

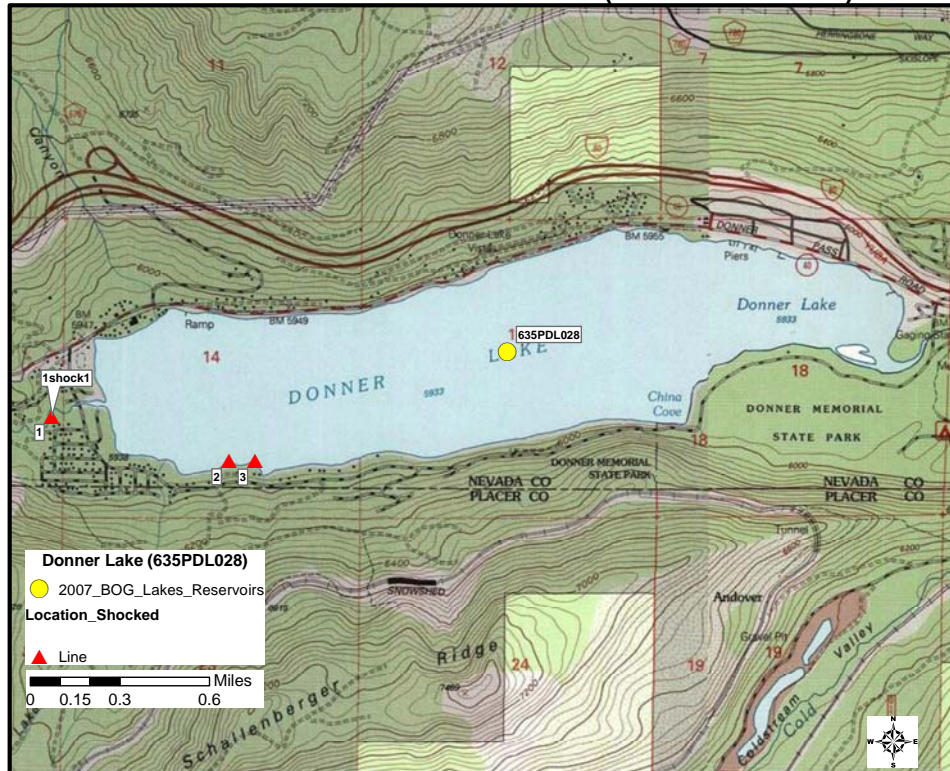
Location 3: Carp					
TL (mm)	479	492	499	527	584
Tag #	7532	7531	7530	7529	7528

**Comments:** The sampling vessel was launched from a concrete launch ramp. Three locations were sampled using the electrofisher boat. A largemouth bass and carp (5 fish) were collected at location one. A sample of largemouth bass (11 fish) and carp (5 fish) were collected at location two and three. Bluegill was the only other fish seen.

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## 2007 BOG Donner Lake (635PDL028)



**Latitude:** 39.32284

**Longitude:** -120.26357

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** September 19, 2007 (Trip 16)

**Samplers:** Billy Jakl, Sean Mundell

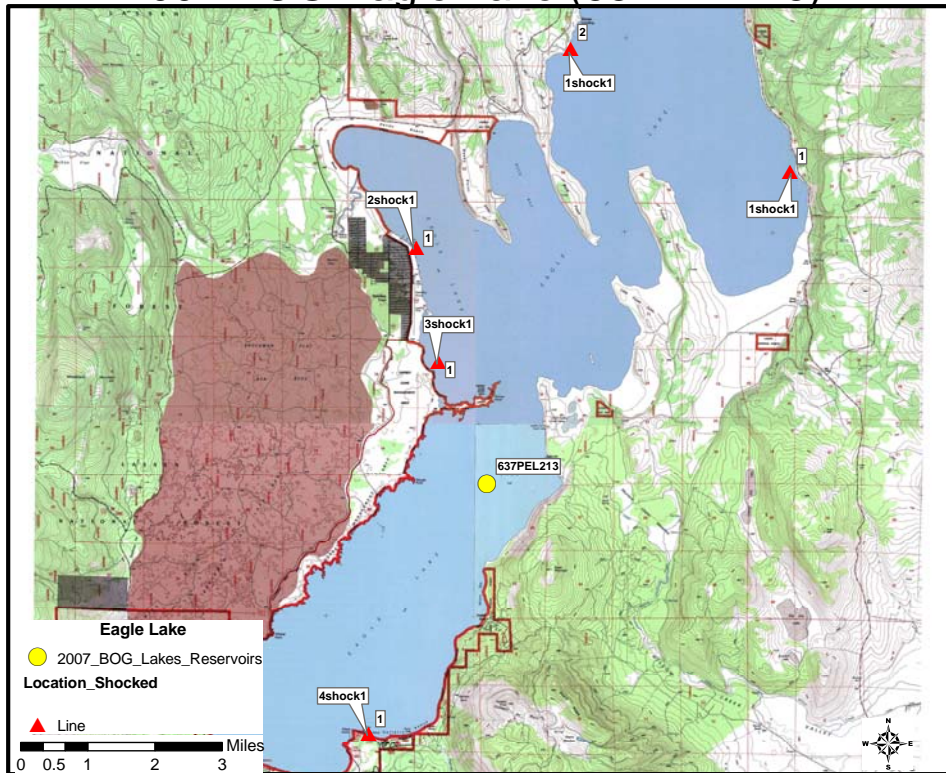
**Fish caught:**

Rainbow Trout										
<b>TL (mm)</b>	315	325	344	345	376	380	382	385	386	399
<b>Tag #</b>	8231	8229	8228	8236	8233	8230	8234	8235	8232	8227

**Comments:** The sampling vessel was launched from a concrete ramp at the west end of the lake. A sample of rainbow trout (10 fish) was collected using the electrofisher boat. No bottom species were collected.

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## 2007 BOG Eagle Lake (637PEL213)



**Latitude:** 40.61197

**Longitude:** -120.74742

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** August 20, 2007 (Trip 12)

**Samplers:** Dylan Service, Kyle Skaff

**Fish caught:**

Location 1: Eagle Lake Trout					
<b>TL (mm)</b>	496	504	513	522	534
<b>Tag #</b>	7588	7592	7591	7590	7589

Location 2: Eagle Lake Trout					
<b>TL (mm)</b>	494	513	521	527	531
<b>Tag #</b>	7596	7597	7593	7595	7594

Location 3: Eagle Lake Trout					
<b>TL (mm)</b>	471	486	497	524	547
<b>Tag #</b>	7598	7601	7602	7600	7599

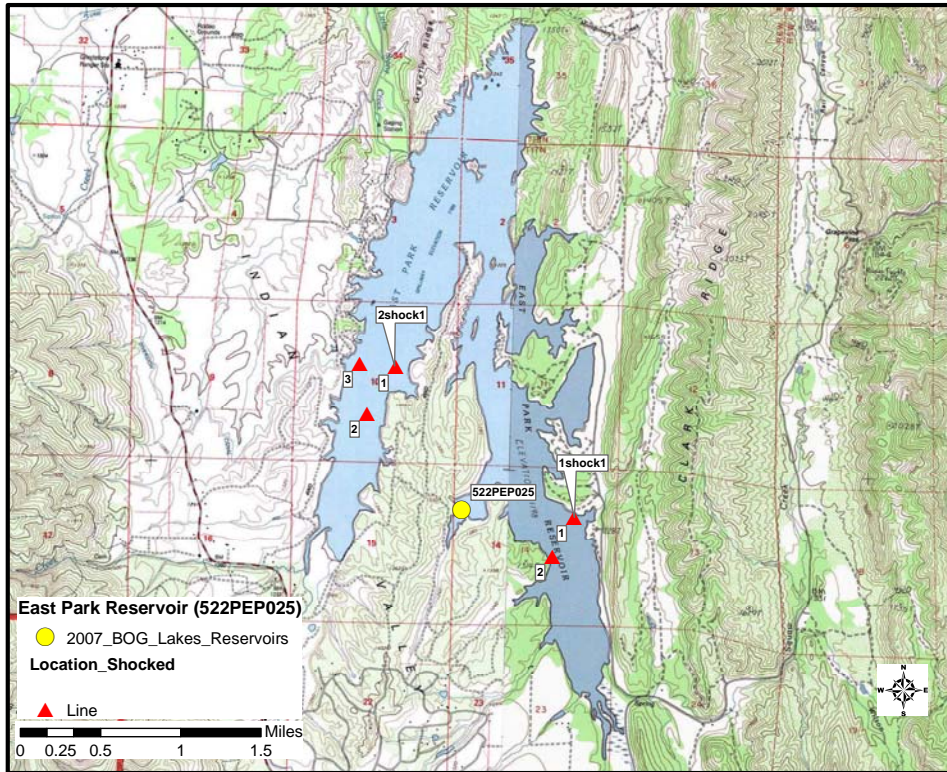
Location 4: Eagle Lake Trout					
<b>TL (mm)</b>	448	451	492	501	503
<b>Tag #</b>	7605	7603	7604	7606	7607

**Comments:** The sampling vessel was launched from a concrete and a dirt launch ramp. Four locations were sampled using the electrofisher boat. A sample of eagle lake trout (5 fish) was collected for all four locations. No other fish were present

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## 2007 BOG East Park Reservoir (522PEP025)



**Latitude:** 39.32949

**Longitude:** -122.50654

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** August 13, 2007 (Trip 11)

**Samplers:** Gary Ichikawa, John Negrey

**Fish caught:**

Location 1: Largemouth Bass												
TL (mm)	154	217	244	277	296	306	312	318	336	342	427	451
Tag #	6931	6930	6929	6927	6928	6924	6923	6922	6921	6925	6920	6919

Location 2: Largemouth Bass												
TL (mm)	163	170	226	284	290	316	349	350	352	377	407	418
Tag #	6948	6947	6946	6944	6945	6943	6942	6941	6939	6940	6938	6937

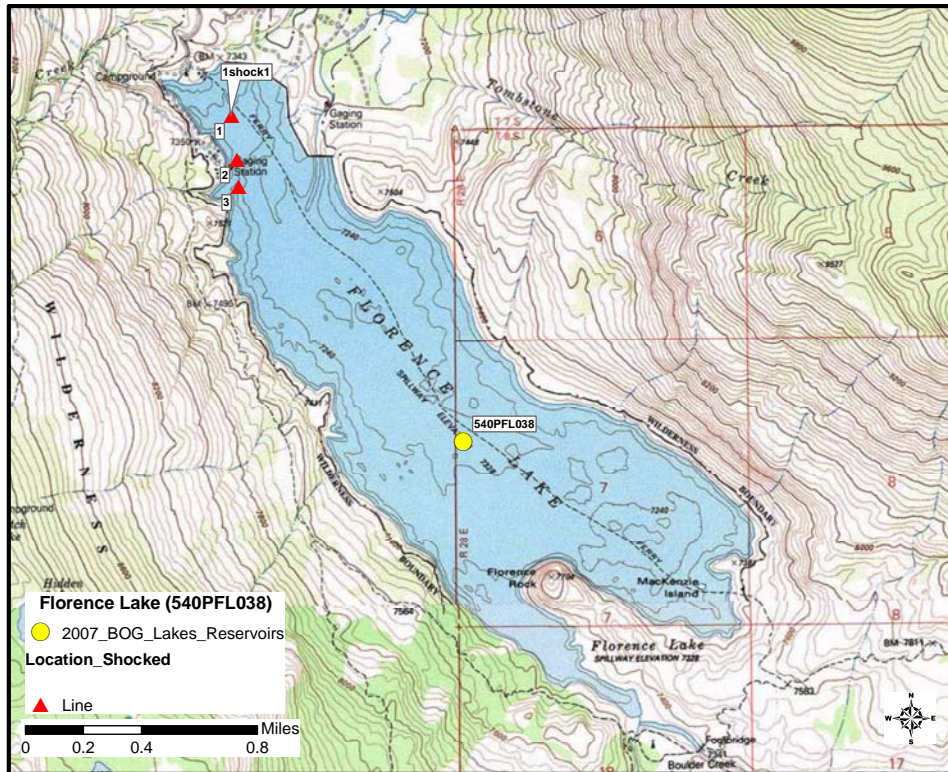
Location 1: Carp					
<b>TL (mm)</b>	405	441	453	474	491
<b>Tag #</b>	6917	6914	6918	6915	6916

Location 2: Carp					
<b>TL (mm)</b>	415	416	461	471	492
<b>Tag #</b>	6933	6936	6934	6935	6932

**Comments:** The sampling vessel was launched from the bank. Two locations were sampled using the electorfisher boat. A sample of largemouth bass (12 fish) and carp (5 fish) were collected at both locations. No other fish were seen.

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## 2007 BOG Florence Lake (540PFL038)



**Latitude:** 37.25806

**Longitude:** -118.95794

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** September 10, 2007 (Trip 15)

**Samplers:** Billy Jakl, Steve Martenuk

**Fish caught:**

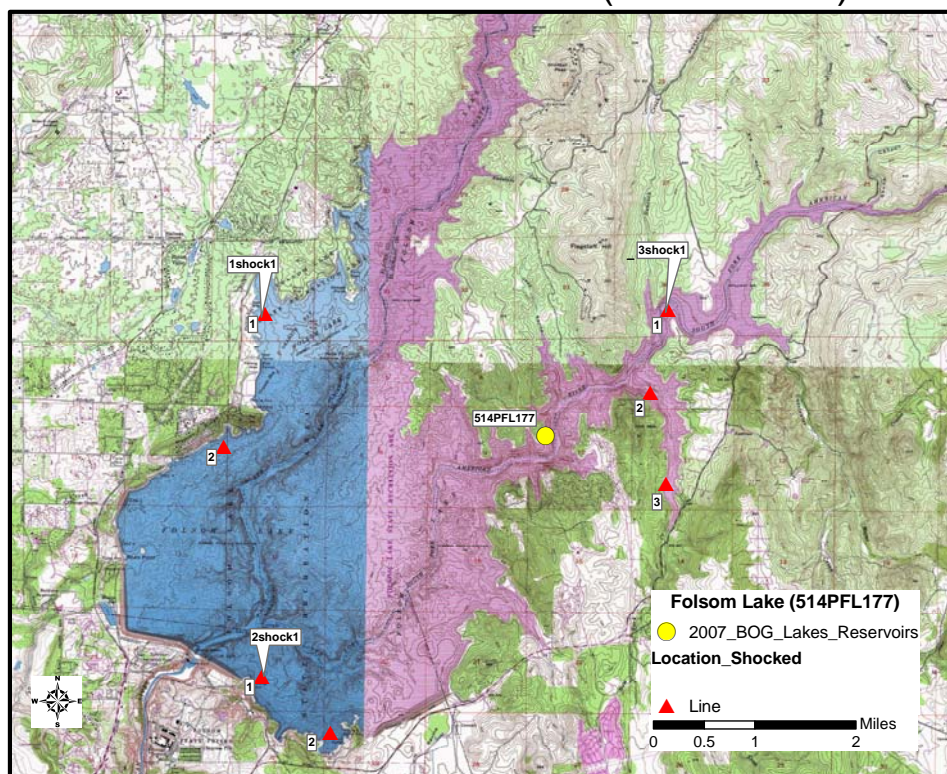
Brown Trout										
TL (mm)	270	274	293	295	302	318	320	334	338	344
Tag #	7994	7995	7997	7998	7996	7999	8151	8000	8152	8153

**Comments:** The sampling vessel was launched from a small dirt ramp at the entrance. A sample of brown trout (10 fish) was collected using the electrofisher boat. No bottom species were collected. Water level was almost too low to launch.

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## 2007 BOG Folsom Lake (514PFL177)



**Latitude:** 38.73957

**Longitude:** -121.09329

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** March 12, 2008 (Trip 27)

**Samplers:** Billy Jakl, Dylan Service

**Fish caught:**

Location 1: Largemouth Bass											
<b>TL (mm)</b>	284	341	371	399	401	403	429	431	489	527	546
<b>Tag #</b>	09753	09752	09751	09748	09750	09749	09747	09746	09745	09744	09743

Location 2: Largemouth Bass											
<b>TL (mm)</b>	273	309	332	337	354	411	448	454	469	511	534
<b>Tag #</b>	09731	09730	09729	09728	09727	09726	09725	09724	09723	09722	09721

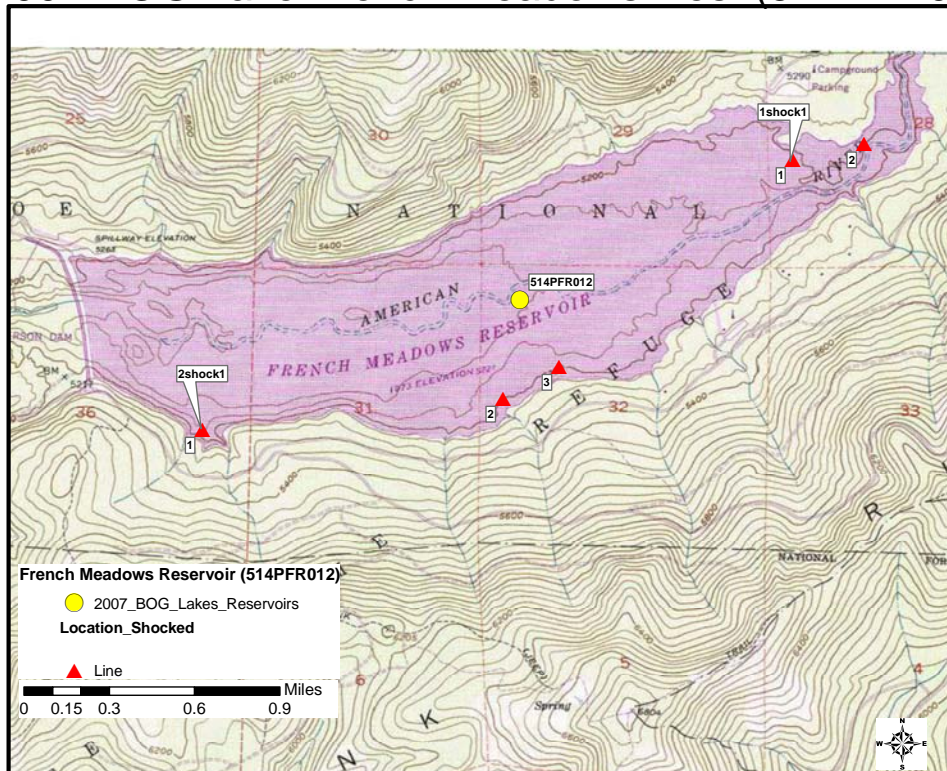
<b>Location 3: Largemouth Bass</b>											
<b>TL (mm)</b>	251	267	314	346	359	361	369	416	424	428	436
<b>Tag #</b>	09742	09741	09739	09740	09738	09736	09737	09735	09734	09733	09732

**Comments:** The sampling vessel was launched from a concrete launch ramp at the Granite Bay entrance. Three locations were sampled using the electrofisher boat. A sample of largemouth bass (11 fish) was collected at each location. Smallmouth bass, rainbow trout and a carp were the only other fish present.

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## 2007 BOG Lake French Meadows Res. (514PFR012)



**Latitude:** 39.11225

**Longitude:** -120.44165

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** September 25, 2007 (Trip 17)

**Samplers:** Billy Jakl, Kyle Skaff

**Fish caught:**

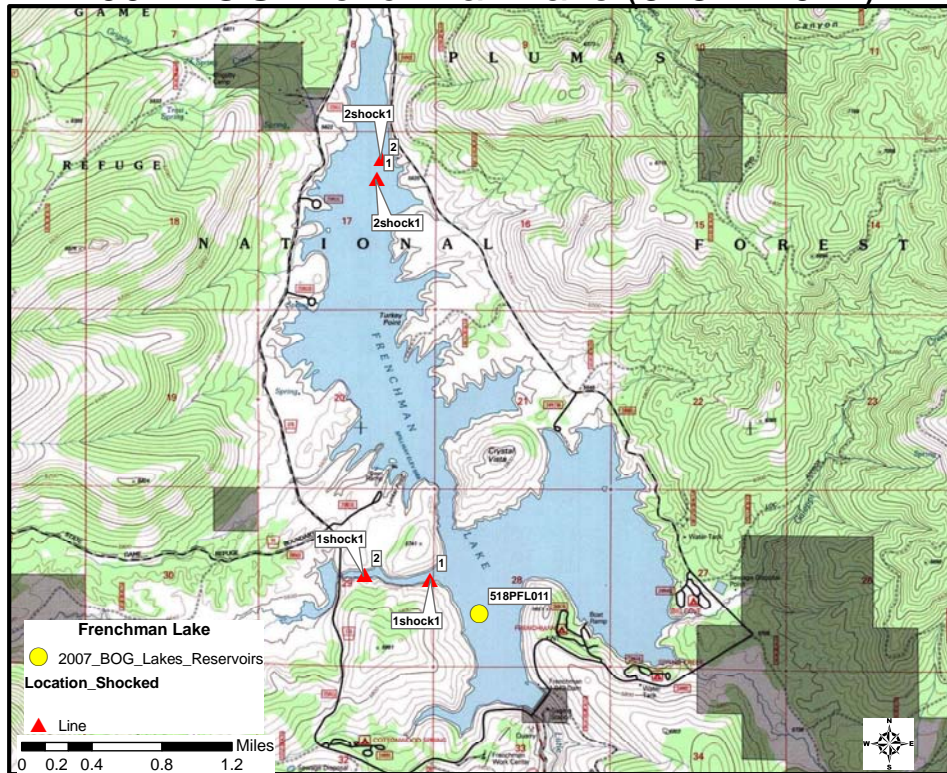
Location 1: Rainbow Trout					
<b>TL (mm)</b>	347	370	372	383	399
<b>Tag #</b>	8259	8261	8260	8258	8257

Location 2: Rainbow Trout					
<b>TL (mm)</b>	300	304	330	349	360
<b>Tag #</b>	8266	8265	8264	8263	8262

**Comments:** The sampling vessel was launched from a concrete launch ramp. Two locations were sampled using the electrofisher boat. A sample of rainbow trout (5 fish) was collected at both locations. No other fish were present.

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## 2007 BOG Frenchman Lake (518PFL011)



**Latitude:** 39.90120

**Longitude:** -120.19661

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** September 19, 2007 (Trip 16)

**Samplers:** Billy Jakl, Sean Mundell

**Fish caught:**

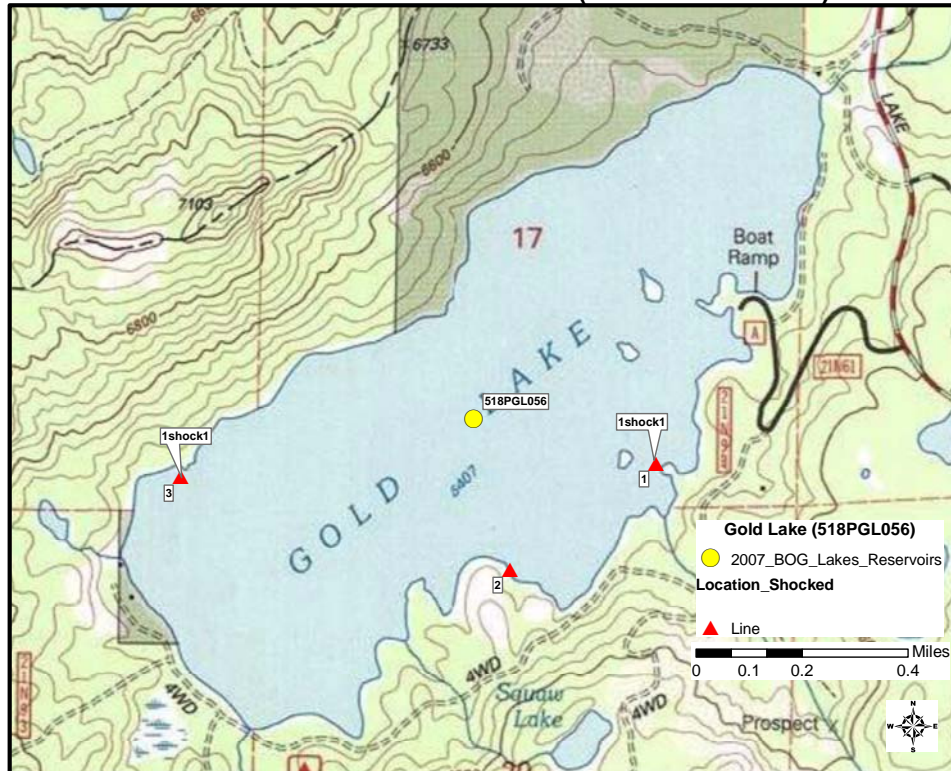
Location 1: Rainbow Trout					
<b>TL (mm)</b>	347	366	387	410	413
<b>Tag #</b>	8240	8237	8238	8239	8241

Location 2: Rainbow Trout					
<b>TL (mm)</b>	344	370	375	390	424
<b>Tag #</b>	8243	8246	8244	8245	8242

**Comments:** The sampling vessel was launched from a concrete launch ramp close to the dam. Two locations were sampled using the electrofisher boat. A sample of rainbow trout (5 fish) was collected at both locations. No other fish were present.

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## 2007 BOG Gold Lake (518PGL056)



**Latitude:** 39.67768

**Longitude:** -120.65657

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** September 24, 2007 (Trip 17)

**Samplers:** Billy Jakl, Kyle Skaff

**Fish caught:**

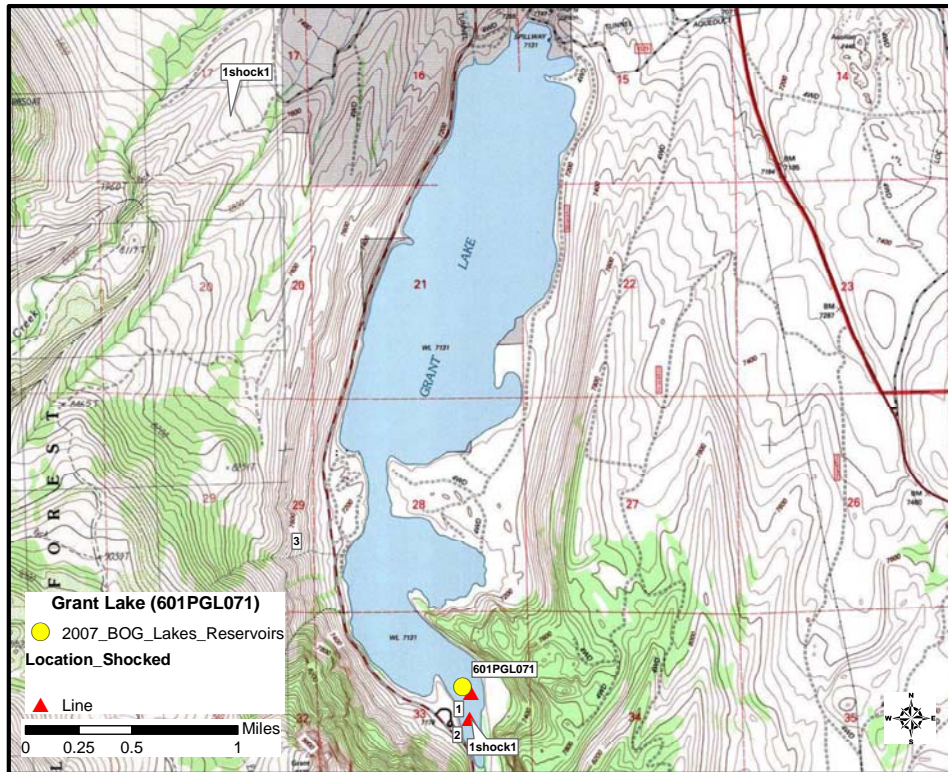
Rainbow Trout										
<b>TL (mm)</b>	304	309	316	332	337	359	364	365	401	410
<b>Tag #</b>	8272	8276	8273	8275	8274	8271	8270	8269	8267	8268

**Comments:** The sampling vessel was launched from a concrete ramp. A sample of rainbow trout (10 fish) was collected using the electrofisher boat. No bottom species were collected. No other fish were present.

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## 2007 BOG Grant Lake (601PGL071)



**Latitude:** 37.81699

**Longitude:** -119.11097

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** July 24, 2007 (Trip 8)

**Samplers:** Billy Jakl, Sean Mundell

**Fish caught:**

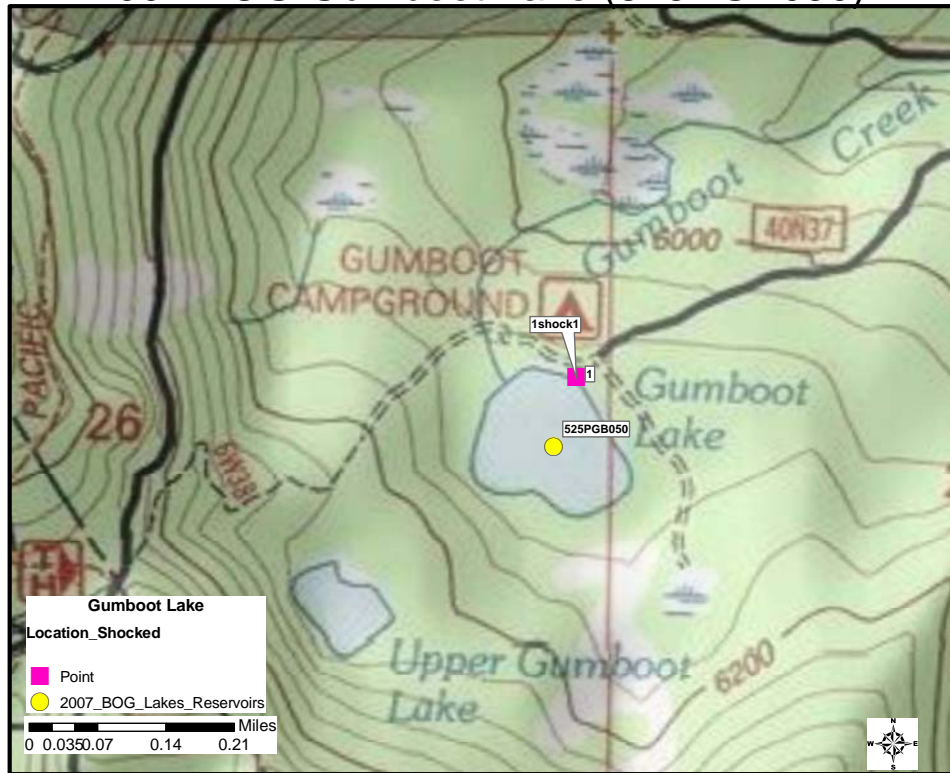
Rainbow Trout											
<b>TL (mm)</b>	140	172	270	282	322	330	338	345	348	360	518
<b>Tag #</b>	6842	6841	6843	6844	6846	6845	6850	6848	6849	6847	6851

**Comments:** The sampling vessel was launched from a small ramp at the entrance. A sample of rainbow trout (11 fish) was collected using the electrofisher boat. No bottom species were collected. Brown trout and golden trout were the only other fish seen.

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## 2007 BOG Gumboot Lake (525PGB050)



**Latitude:** 41.21115

**Longitude:** -122.51056

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** August 15, 2007 (Trip 11)

**Samplers:** Gary Ichikawa, John Negrey

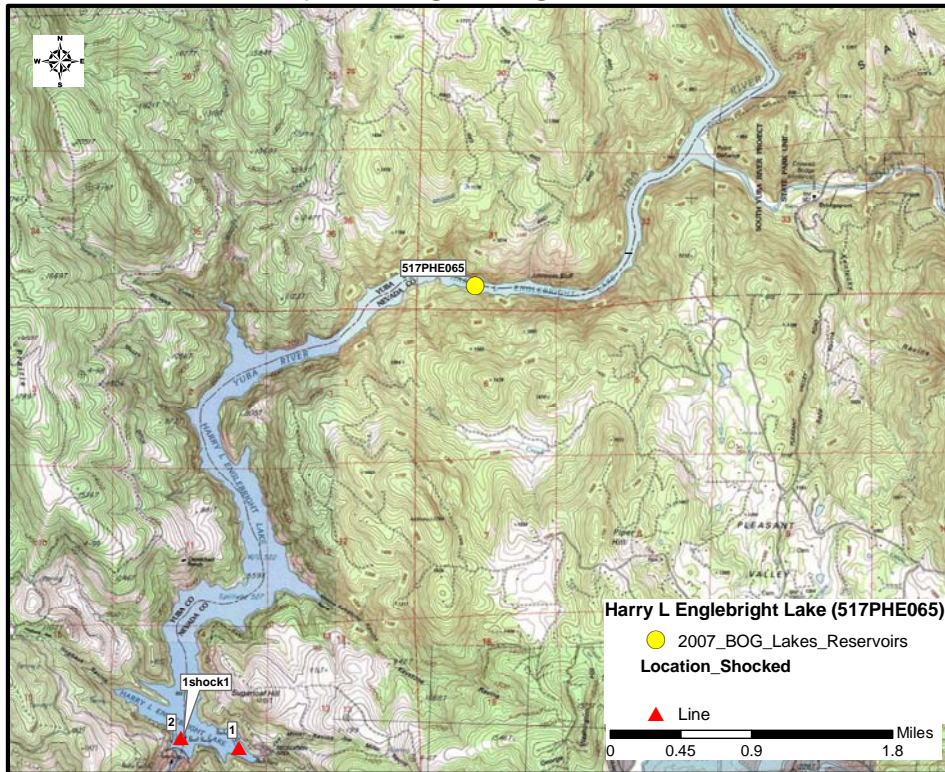
**Fish caught:**

Rainbow Trout										
<b>TL (mm)</b>	242	245	254	259	262	272	273	289	300	304
<b>Tag #</b>	8005	8007	8001	8004	8003	7499	8006	8002	7498	7500

**Comments:** The sampling vessel was launched from a concrete launch ramp. A sample of rainbow trout (10 fish) was collected using the electrofisher boat. No bottom species were collected. No other fish were present

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## 2007 BOG Harry L Englebright Lake (517PHE065)



**Latitude:** 39.28318

**Longitude:** -121.23492

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** March 11, 2008 (Trip 27)

**Samplers:** Billy Jakl, Dylan Service

**Fish caught:**

Rainbow Trout					
<b>TL (mm)</b>	286	290	316	317	320
<b>Tag #</b>	09807	09805	09804	09806	09803

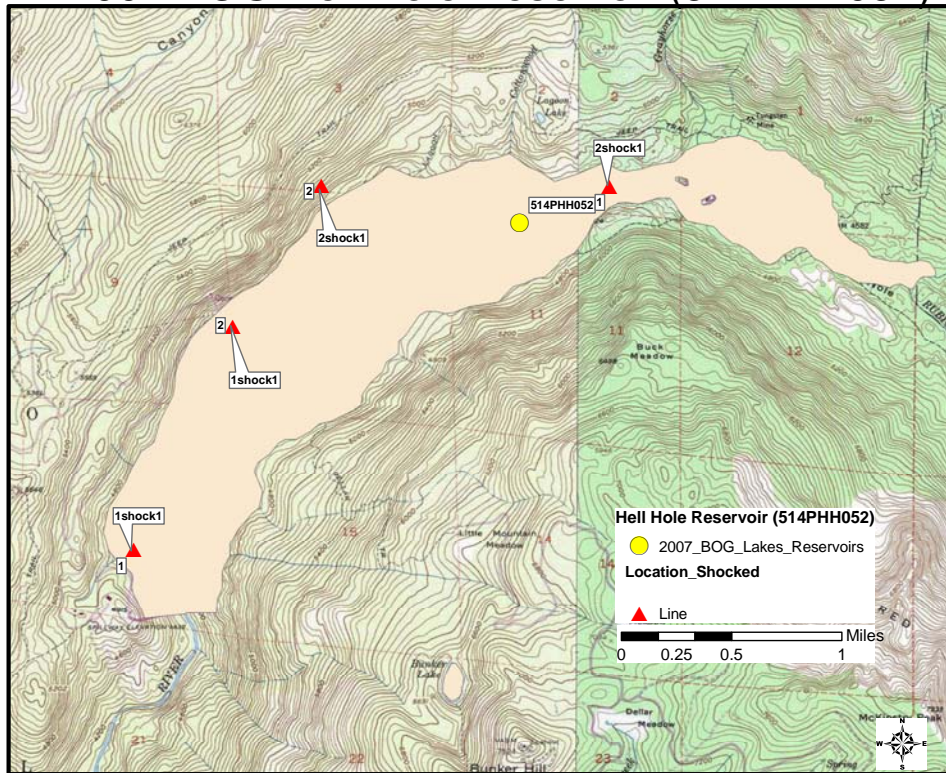
Sacramento Sucker										
<b>TL (mm)</b>	431	436	446	474	486	489	500	505	508	531
<b>Tag #</b>	09817	09813	09816	09812	09811	09810	09809	09814	09808	09815

**Comments:** The sampling vessel was launched from a concrete launch ramp at the Skippers Cove Marina. Two species of fish were collected using the electrofisher boat. A

sample for both species was collected: rainbow trout (5 fish) and Sacramento sucker (10 fish). No other fish were present.

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## 2007 BOG Hell Hole Reservoir (514PHH052)



**Latitude:** 39.08380

**Longitude:** -120.38087

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** November 6, 2007 (Trip 22)

**Samplers:** Dylan Service, Kyle Skaff

**Fish caught:**

Location 1: Brown Trout					
<b>TL (mm)</b>	278	285	293	296	302
<b>Tag #</b>	09380	09383	09382	09384	09381

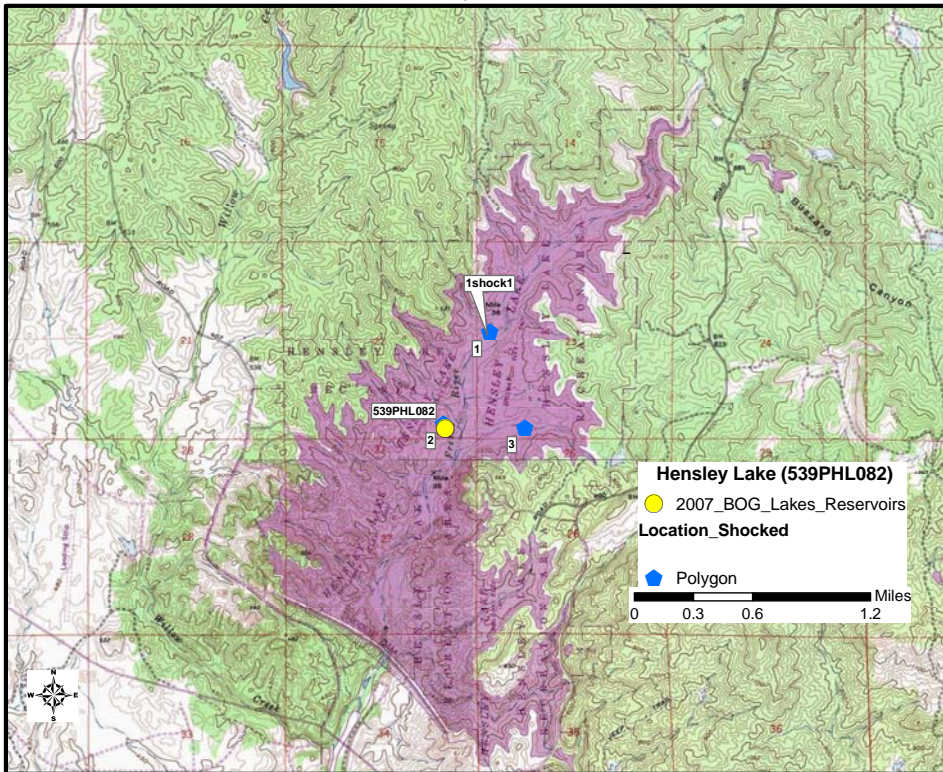
Location 2: Brown Trout					
<b>TL (mm)</b>	334	341	347	348	358
<b>Tag #</b>	09386	09385	09388	09389	09387

**Comments:** The sampling vessel was launched from the bottom of a concrete ramp. Two locations were sampled using the electrofisher boat. A sample of brown trout (5 fish) was collected at each location. No bottom species were collected.

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## 2007 BOG Hensley Lake (539PHL082)



**Latitude:** 37.12720  
**Longitude:** -119.8784

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** May 24, 2007 (FMP)

**Samplers:** Gary Ichikawa, Kyle Skaff

**Fish caught:**

Location 1: Largemouth Bass											
<b>TL (mm)</b>	200	272	301	331	358	381	431	433	450	450	400
<b>Tag #</b>	6355	6356	6357	6358	6359	6360	6364	6362	6361	6363	6365

Location 1: Black Crappie			
<b>TL (mm)</b>	151	225	236
<b>Tag #</b>	6349	6350	6351

Location 1: Bluegill			
TL (mm)	120	150	157
Tag #	6352	6353	6354

Location 1: Carp					
TL (mm)	452	457	458	488	492
Tag #	6345	6346	6344	6347	6343

Location 1: White Catfish	
TL (mm)	473
Tag #	6348

**Comments:** The sampling vessel was launched from a concrete ramp. Five species of fish were collected using the electrofisher boat. A sample for all species was collected: largemouth bass (11 fish), black crappie (3 fish), bluegill (3 fish), white catfish (1 fish) and carp (5 fish). No other fish were seen. Extra fish were collected because this effort was also used in the Fish Mercury Project. The site was revisited for BOG sampling requirements.

**Date (s) of Collection:** August 28, 2007 (Trip 13)

**Samplers:** Billy Jakl, Dylan Service

**Fish caught:**

Location 1: Largemouth Bass		
TL (mm)	203	324
Tag #	7771	7772

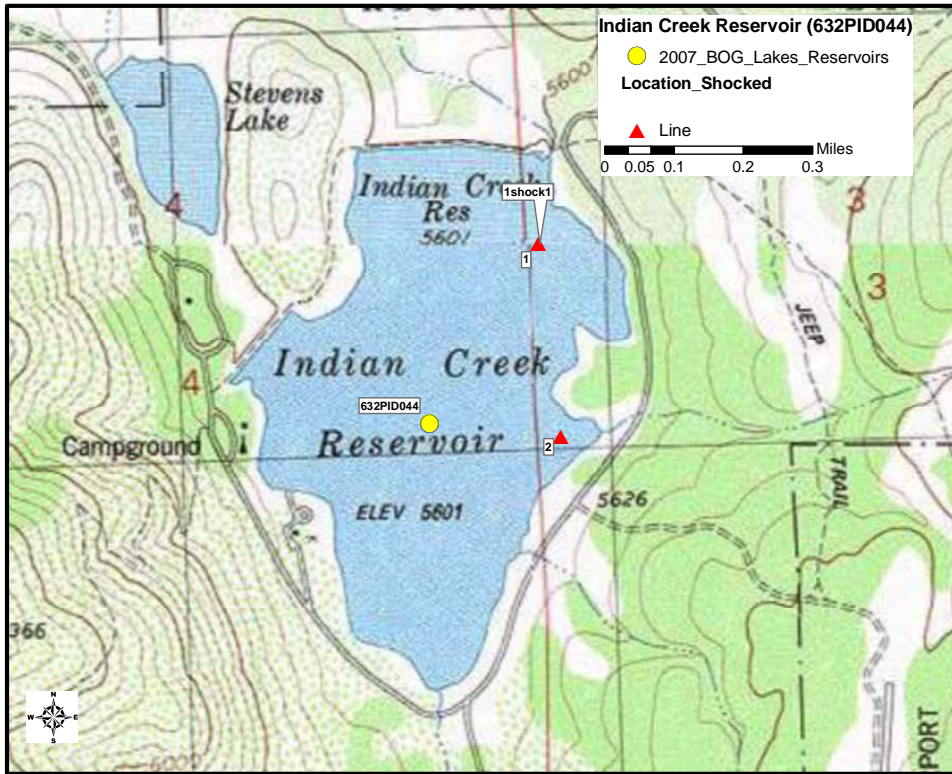
Location 2: Largemouth Bass											
TL (mm)	256	286	286	286	289	292	306	307	314	347	387
Tag #	7765	7762	7764	7767	7760	7763	7761	7770	7769	7768	7766

Location 2: Carp					
TL (mm)	454	459	487	491	511
Tag #	7773	7502	7501	7774	7775

**Comments:** The sampling vessel was launched from a concrete ramp. Two locations were sampled using the electrofisher boat. Two largemouth bass were collected at location one. A sample of largemouth bass (11 fish) and carp (5 fish) were collected at location two. White catfish and black crappie were the only other fish present.

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## 2007 BOG Indian Creek Reservoir (632PID044)



**Latitude:** 38.74616

**Longitude:** -119.77872

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** November 6, 2007 (Trip 22)

**Samplers:** Dylan Service, Kyle Skaff

**Fish caught:**

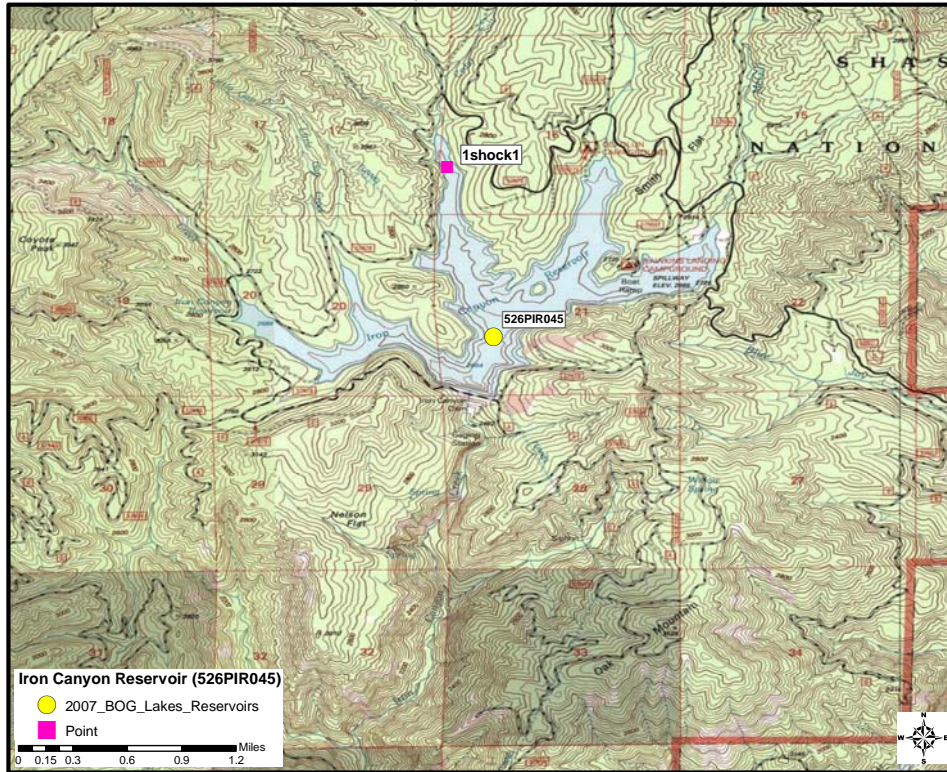
Rainbow Trout										
<b>TL (mm)</b>	318	320	332	410	415	417	417	434	436	453
<b>Tag #</b>	09370	09371	09372	09375	09373	09374	09379	09377	09376	09378

**Comments:** The sampling vessel was launched from an unimproved ramp. A sample of rainbow trout (10 fish) was collected using the electrofisher boat. No bottom species were collected.

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## 2007 BOG Iron Canyon Reservoir (526PIR045)



**Latitude:** 41.04630

**Longitude:** -121.98365

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** August 15, 2007 (Trip 11)

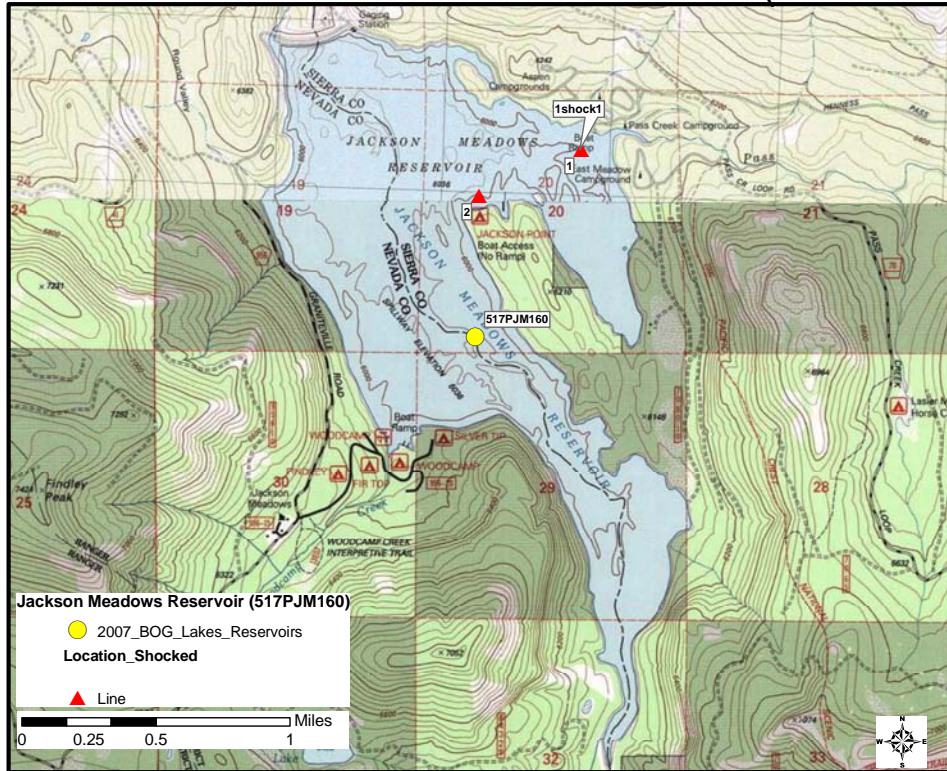
**Samplers:** Gary Ichikawa, John Negrey

**Fish caught:** No fish were collected

**Comments:** The sampling team had engine problems and had to leave the site early. No samples were collected.

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## 2007 BOG Jackson Meadows Reservoir (517PJM160)



**Latitude:** 39.49257

**Longitude:** -120.54464

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** October 22, 2007 (Trip 20)

**Samplers:** Dylan Service, John Negrey

**Fish caught:**

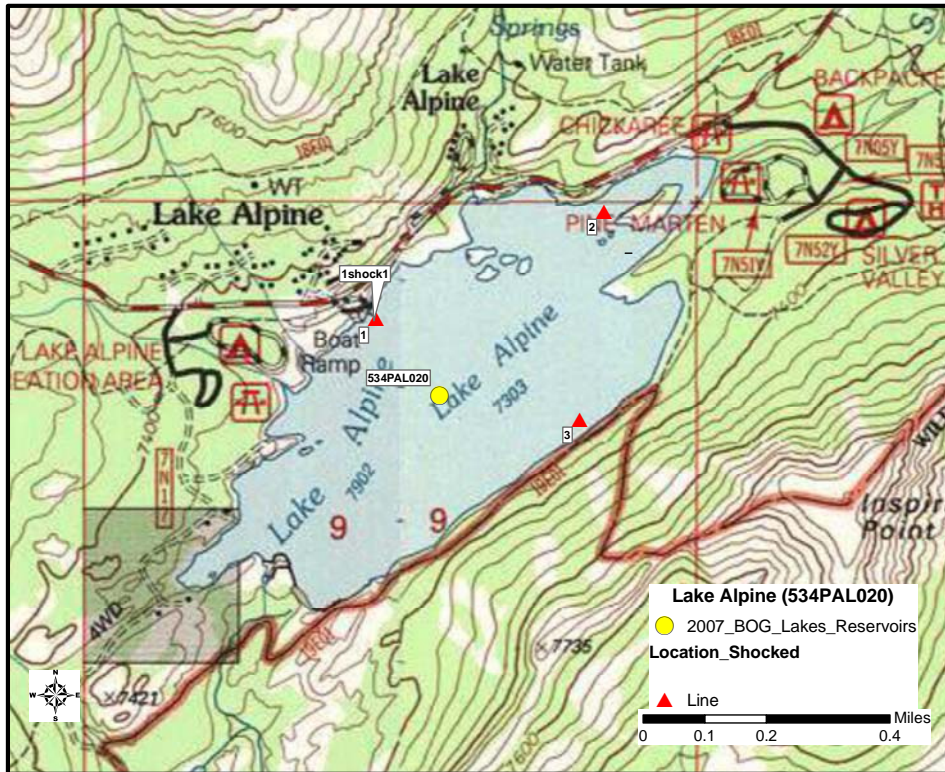
Rainbow Trout										
<b>TL (mm)</b>	287	297	299	300	301	302	304	306	306	324
<b>Tag #</b>	9071	9069	9066	9065	9064	9067	9073	9068	9070	9072

**Comments:** The sampling vessel was launched from the bank. A sample of rainbow trout (10 fish) was collected using the electrofisher boat. No bottom species were collected.

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## 2007 BOG Lake Alpine (534PAL020)



**Latitude:** 38.47604

**Longitude:** -119.99978

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** September 26, 2007 (Trip 17)

**Samplers:** Billy Jakl, Kyle Skaff

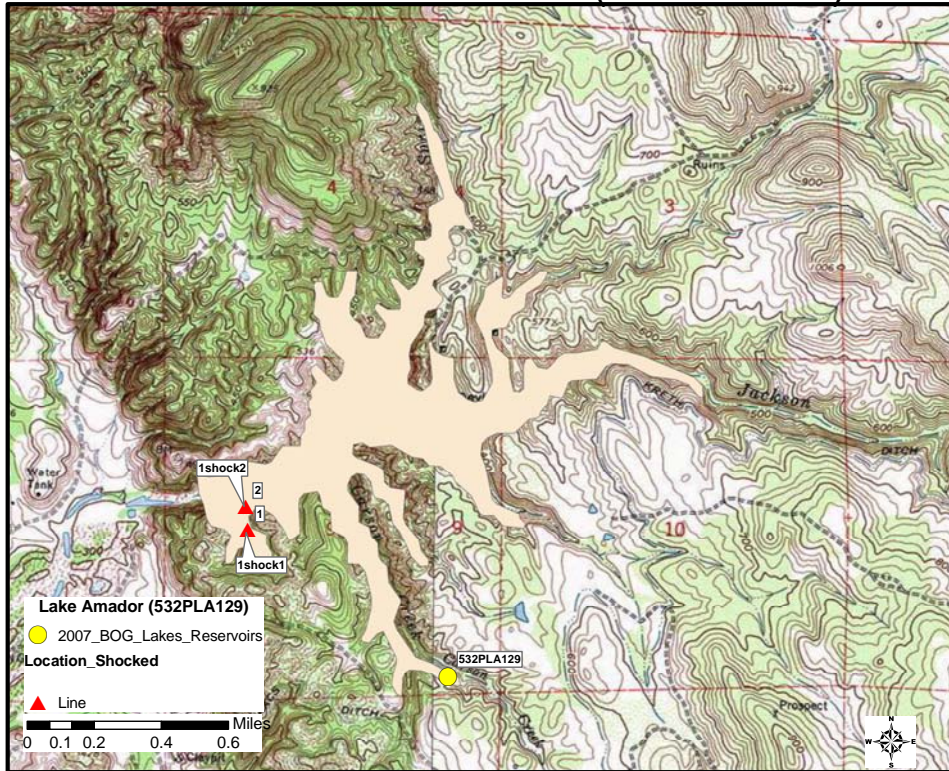
**Fish caught:**

Rainbow Trout										
TL (mm)	280	281	284	290	294	303	311	319	322	372
Tag #	8251	8255	8256	8250	8253	8249	8252	8254	8248	8247

**Comments:** The sampling vessel was launched from a concrete ramp. A sample of rainbow trout (10 fish) was collected using the electrofisher boat. No bottom species were collected. No other fish were present.

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## 2007 BOG Lake Amador (532PLA129)



**Latitude:** 38.29588

**Longitude:** -120.87521

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** November 27, 2007 (Trip 25)

**Samplers:** Billy Jakl, Dylan Service

**Fish caught:**

Largemouth Bass											
<b>TL (mm)</b>	256	266	277	279	316	338	339	348	349	386	393
<b>Tag #</b>	09428	09430	09429	09431	09453	09454	09432	09433	09450	09452	09451

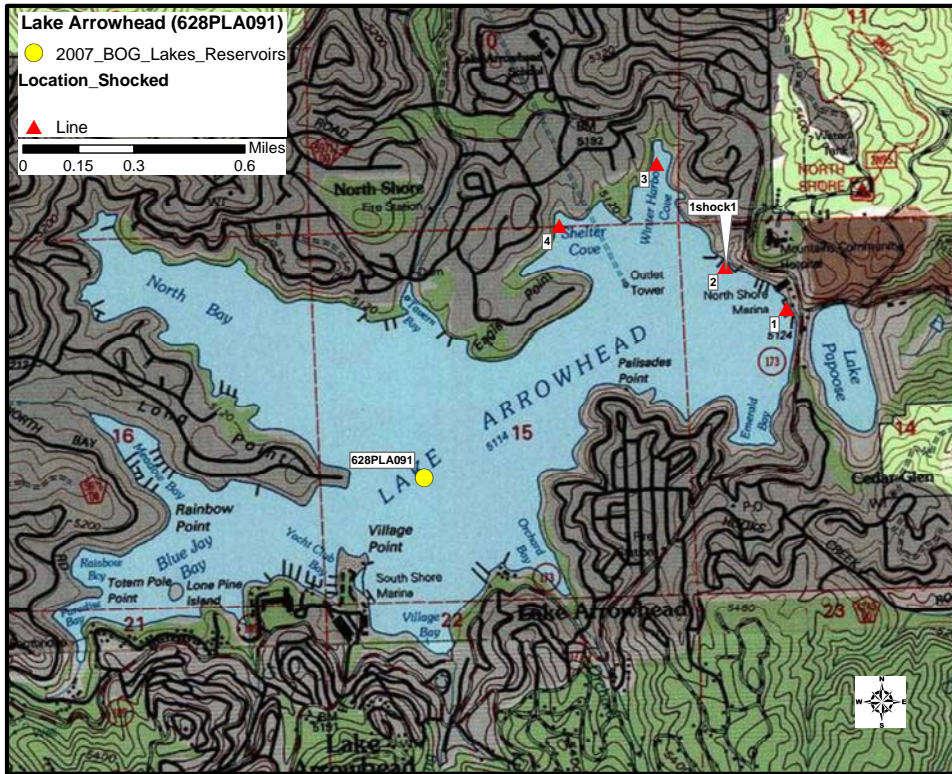
Largemouth Bass					
<b>TL (mm)</b>	395	402	403	431	556
<b>Tag #</b>	09434	09435	09436	09437	09438

**Comments:** The sampling vessel was launched from a concrete ramp. A sample of largemouth bass (16 fish) was collected using the electorfisher boat. No bottom species were collected

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## 2007 BOG Lake Arrowhead (628PLA091)



**Latitude:** 34.25648

**Longitude:** -117.18538

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** November 13, 2007 (Trip 23)

**Samplers:** Billy Jakl, Steve Martenuk

**Fish caught:**

Largemouth Bass											
<b>TL (mm)</b>	191	215	273	285	305	333	358	359	363	364	365
<b>Tag #</b>	8889	8890	8891	8892	8898	8899	8897	8902	8894	8901	8893

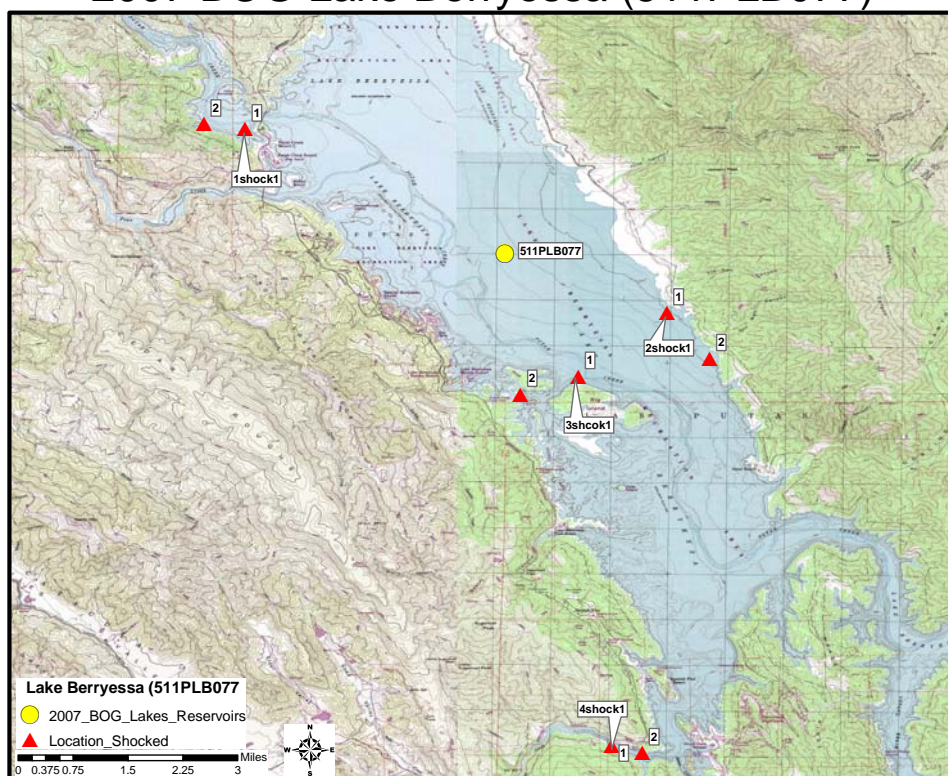
Largemouth Bass					
<b>TL (mm)</b>	372	381	382	485	512
<b>Tag #</b>	8900	8896	8895	8903	8904

**Comments:** The sampling vessel was launched from a concrete ramp. A sample of largemouth (16 fish) was collected using the electorfisher boat. No bottom specie was collected. Rainbow trout have a disease, Salmon Poisoning, from northern California hatchery.

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## 2007 BOG Lake Berryessa (511PLB077)



**Latitude:** 38.60540

**Longitude:** -122.0415

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** November 26-27, 2007 (Trip 25)

**Samplers:** Gary Ichikawa, Jon Geotzl

**Fish caught:**

Location 1: Largemouth Bass											
<b>TL (mm)</b>	221	239	299	334	340	360	362	368	370	371	620
<b>Tag #</b>	09678	09677	09679	09686	09680	09681	09682	09685	09683	09684	09687

Location 2: Largemouth Bass											
<b>TL (mm)</b>	222	235	286	291	315	340	350	356	367	368	396
<b>Tag #</b>	09688	09689	09691	09690	09692	09693	09694	09695	09696	09697	09698

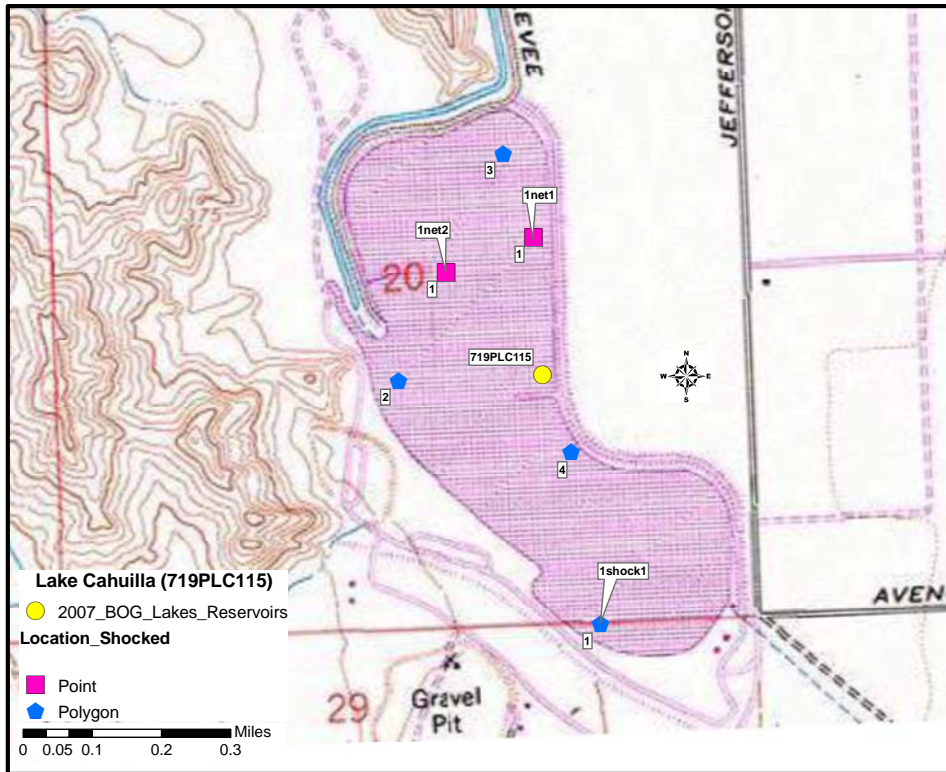
Location 3: Largemouth Bass											
<b>TL (mm)</b>	224	242	263	264	308	310	336	357	360	362	382
<b>Tag #</b>	09699	09700	09701	09702	09703	09704	09705	09707	09706	09708	09709

Location 4: Largemouth Bass											
<b>TL (mm)</b>	216	241	257	303	342	343	364	370	380	429	453
<b>Tag #</b>	09710	09711	09712	09713	09715	09714	09716	09717	09718	09719	09720

**Comments:** The sampling vessel was launched from a concrete ramp. Three locations were sampled using the electrofisher boat. A sample of largemouth bass (11 fish) was collected at each location. No other fish were present.

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## 2007 BOG Lake Cahuilla (719PLC115)



**Latitude:** 33.63257

**Longitude:** -116.27312

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** October 1, 2007 (Trip 18)

**Samplers:** Sean Mundell, Steve Martenuk

**Fish caught:** No fish were collected

**Comments:** The sampling vessel was launched from a concrete launch ramp. No fish were collected with the electrofisher. Bass and brown bullheads were present, but the salinity of the water caused the electrofisher to fail. The boat also had some generator problems so the trip was canceled.

**Collection Method:** Gill Nets

**Date (s) of Collection:** October 30-31, 2007 (Trip 21)

**Samplers:** Glen Sibald, Matt Rock

**Fish caught:**

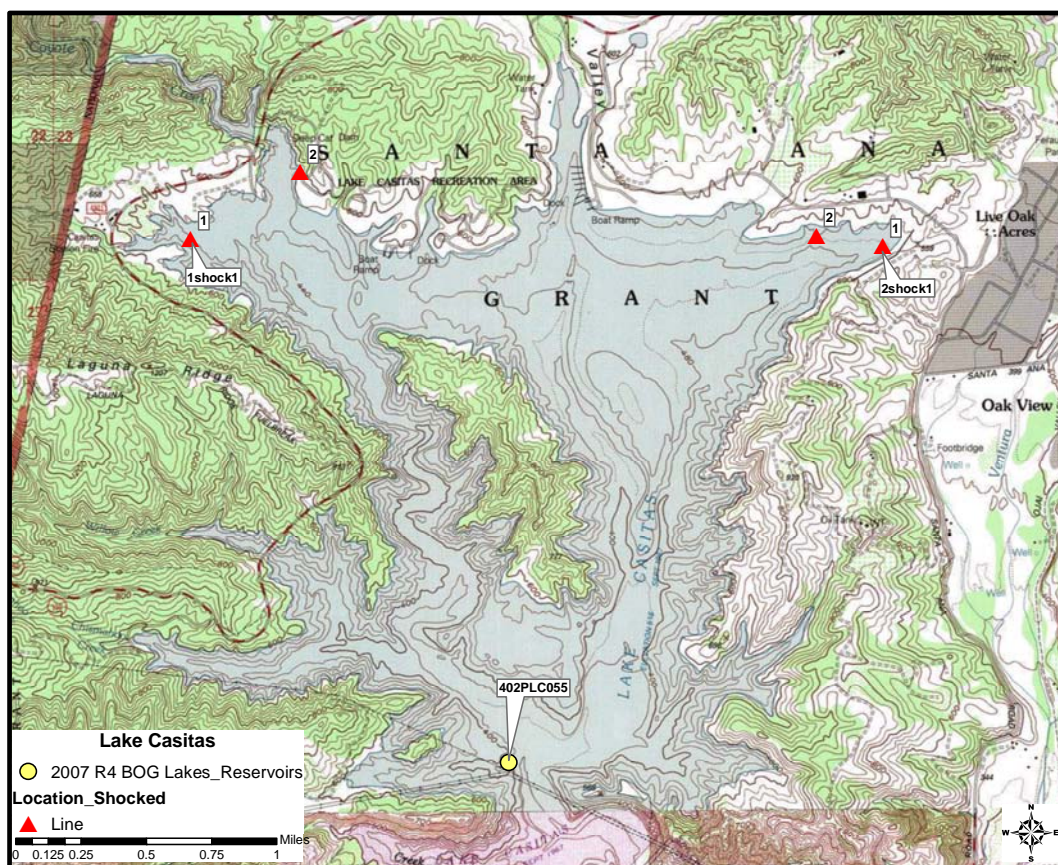
<b>Carp</b>										
<b>TL (mm)</b>	330	343	350	358	367	372	378	379	385	395
<b>Tag #</b>	14042	14038	14035	14037	14043	14040	14036	14044	14041	14039

**Comments:** The sampling vessel was launched from the bank. A sample of carp (10 fish) was collected using two (2" mesh) gill nets. The nets soaked overnight and were retrieved on the 31st

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## 2007 R4 BOG Lake Casitas (402PLC055)



**Latitude:** 34.37770

**Longitude:** -119.34386

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** June 13, 2007 (Trip 2)

**Samplers:** Dylan Service, John Negrey

**Fish caught:**

Location 1: Largemouth Bass											
<b>TL (mm)</b>	200	216	278	296	324	330	364	378	392	469	529
<b>Tag #</b>	4982	4981	4980	4979	4983	4978	4976	4975	4977	4974	4973

Location 2: Largemouth Bass											
<b>TL (mm)</b>	214	242	265	270	344	365	369	384	404	457	465
<b>Tag #</b>	4994	4993	4992	4991	4986	4990	4989	4987	4988	4984	4985



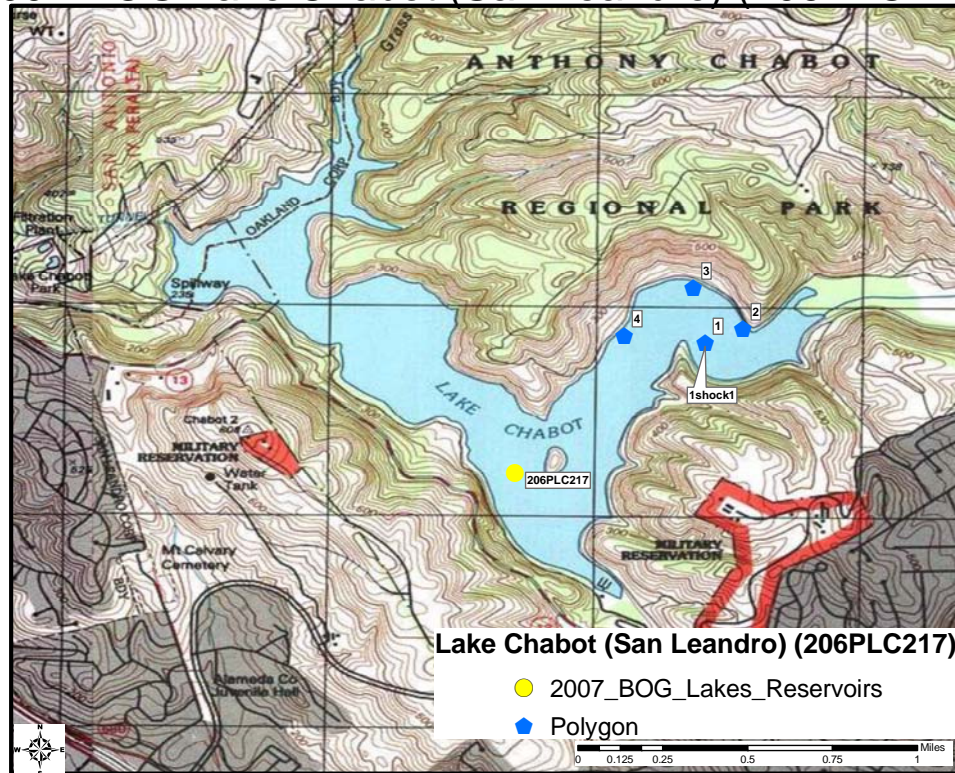
Location 1: Carp					
<b>TL (mm)</b>	612	655	673	682	722
<b>Tag #</b>	4971	4972	4969	4970	4968

Location 2: Carp					
<b>TL (mm)</b>	607	629	643	644	700
<b>Tag #</b>	4995	4998	4997	4999	4996

**Comments:** The sampling vessel was launched from a concrete ramp at the entrance. Two locations were sampled using the electrofisher boat. A sample of largemouth bass (11 fish) and carp (5 fish) were collected at both locations. No other fish were seen.

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## 2007 BOG Lake Chabot (San Leandro) (206PLC217)



**Latitude:** 37.46255

**Longitude:** -118.72782

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** July 31, 2007 (Trip 9)

**Samplers:** Gary Ichikawa, Steve Martenuk

**Fish caught:**

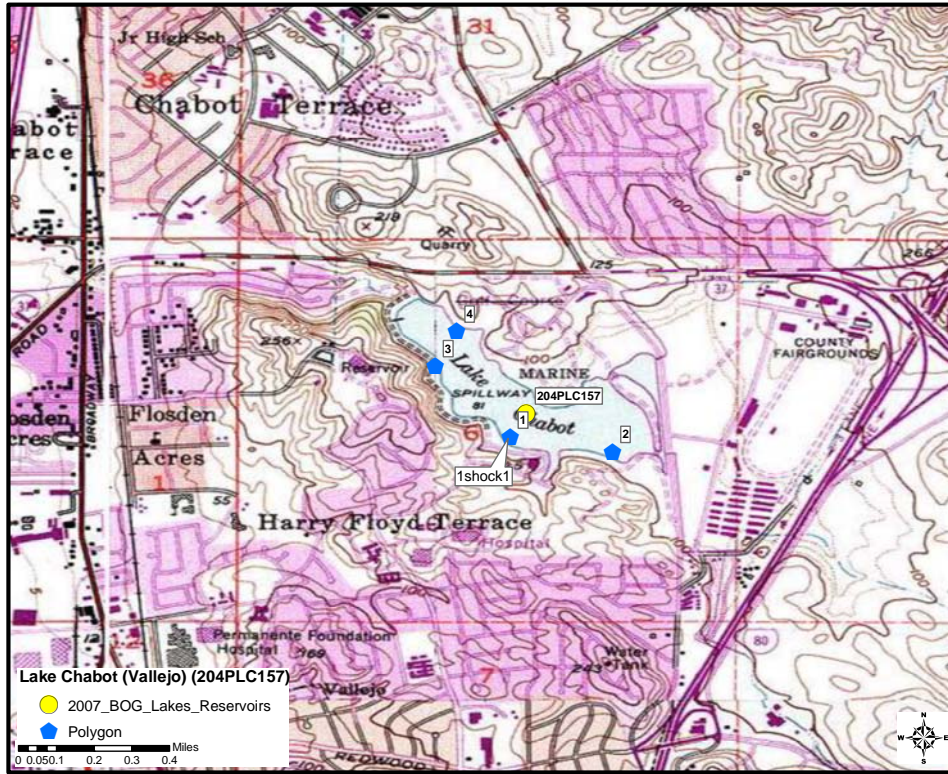
Largemouth Bass												
<b>TL (mm)</b>	238	241	246	251	258	323	338	340	386	386	400	490
<b>Tag #</b>	8636	8640	8637	8639	8638	8641	8643	8642	8644	8645	8646	8647

Carp										
<b>TL (mm)</b>	472	493	504	505	512	515	522	536	573	575
<b>Tag #</b>	8633	8627	8626	8631	8630	8634	8629	8628	8632	8635

**Comments:** The sampling vessel was launched from a concrete ramp. Two species of fish were collect using the electorfisher boat. A sample for both species was collected: largemouth bass (12 fish) and carp (10 fish). No other fish were present.

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## 2007 BOG Lake Chabot (Vallejo) (204PLC157)



**Latitude:** 38.13591

**Longitude:** -122.23511

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** July 30, 2007 (Trip 9)

**Samplers:** Gary Ichikawa, Steve Martenuk

**Fish caught:**

Largemouth Bass											
TL (mm)	208	267	280	297	307	307	311	324	378	423	430
Tag #	8569	8570	8571	8573	8572	8575	8576	8574	8577	8578	8579

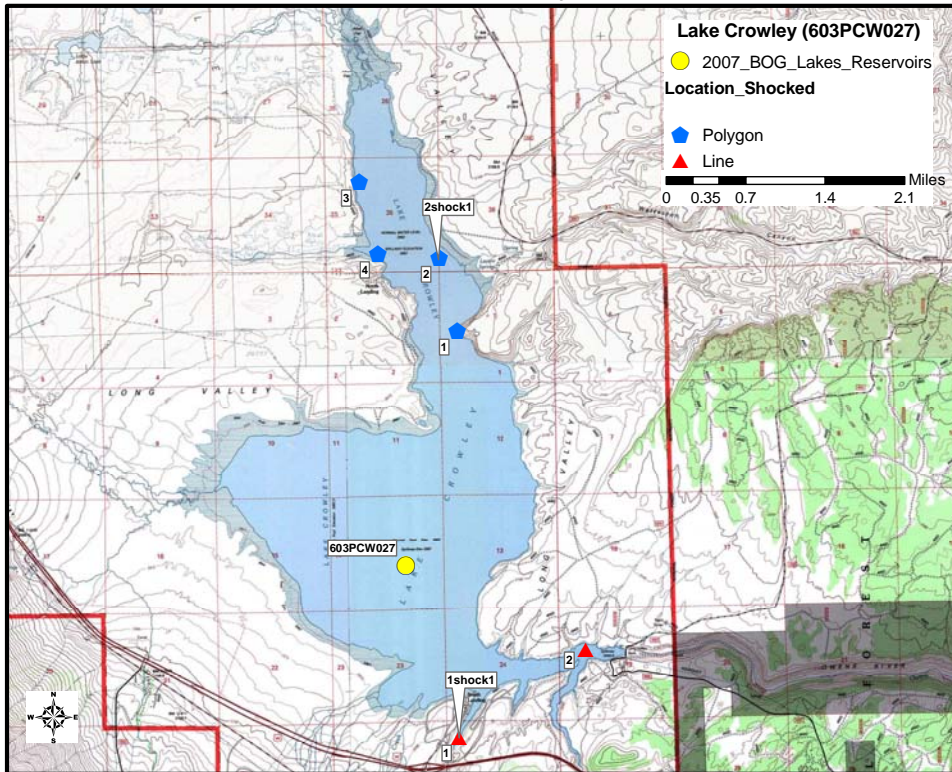
Carp										
TL (mm)	533	619	621	625	636	652	656	663	703	731
Tag #	8585	8580	8586	8584	8589	8583	8588	8581	8582	8587

**Comments:** The sampling vessel was launched a concrete ramp. Two species of fish were collected using the electorfisher boat. A sample for both species was collected: largemouth bass (11 fish) and carp (10 fish). Bluegill was the only other fish present.

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## 2007 BOG Lake Crowley (603PCW027)



**Latitude:** 37.59935

**Longitude:** -118.74156

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** July 26, 2007 (Trip 8)

**Samplers:** Billy Jakl, Sean Mundell

**Fish caught:**

Location 1: Rainbow Trout							
<b>TL (mm)</b>	260	268	320	322	330	330	335
<b>Tag #</b>	6977	6978	6981	6979	6980	6982	6983

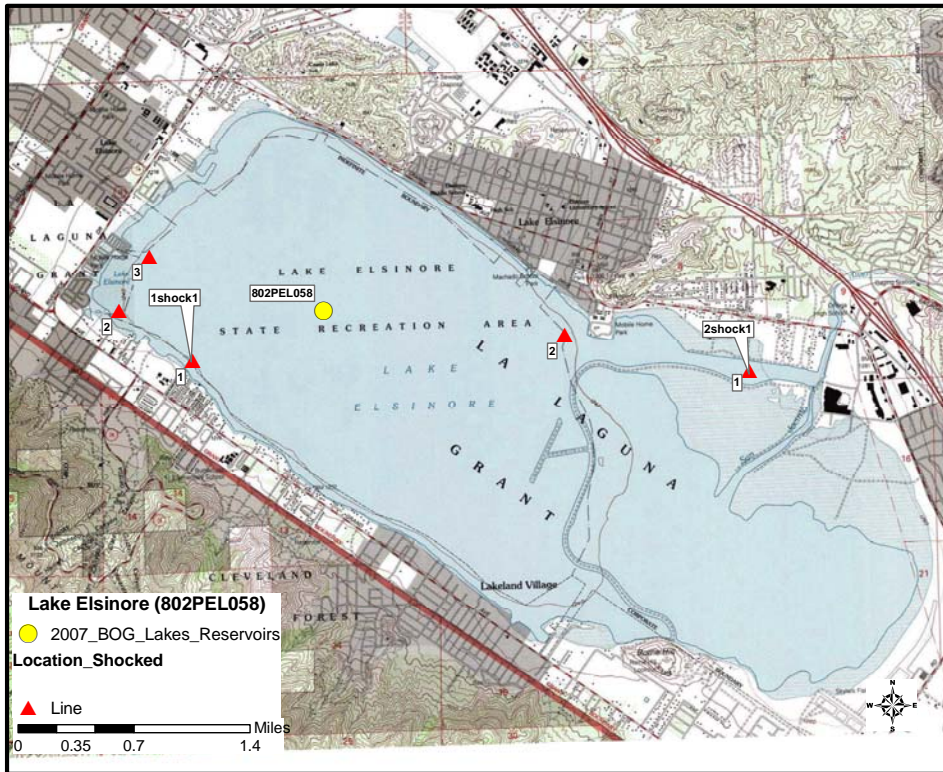
Location 2: Rainbow Trout						
<b>TL (mm)</b>	330	335	339	383	384	475
<b>Tag #</b>	6971	6972	6973	6975	6974	6976

**Comments:** The sampling vessel was launched from a concrete ramp at the entrance. Two locations were sampled using the electrofisher boat. A sample of rainbow trout (7

fish) was collected at location one and (6 fish) at location two. Sacramento perch and brown trout were the only other fish seen. Shocking was very difficult due to the abundance of fishermen on the shore. The third location was dropped because the fishermen density was too great at the site.

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## 2007 BOG Lake Elsinore (802PEL058)



**Latitude:** 33.66341

**Longitude:** -117.3560

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** August 22, 2007 (Trip 11)

**Samplers:** Billy Jakl, Sean Mundell

**Fish caught:**

Location 1: Largemouth Bass											
TL (mm)	195	249	278	300	330	340	347	350	360	375	395
Tag #	09148	09147	09146	09145	09144	09143	09142	09141	09139	09138	09140

Location 2: Largemouth Bass											
TL (mm)	233	240	250	282	286	320	325	328	335	355	360
Tag #	09165	09164	09163	09161	09162	09159	09158	09160	09157	09156	09155

Location 1: Carp					
<b>TL (mm)</b>	460	480	500	500	510
<b>Tag #</b>	09133	09135	09136	09137	09134

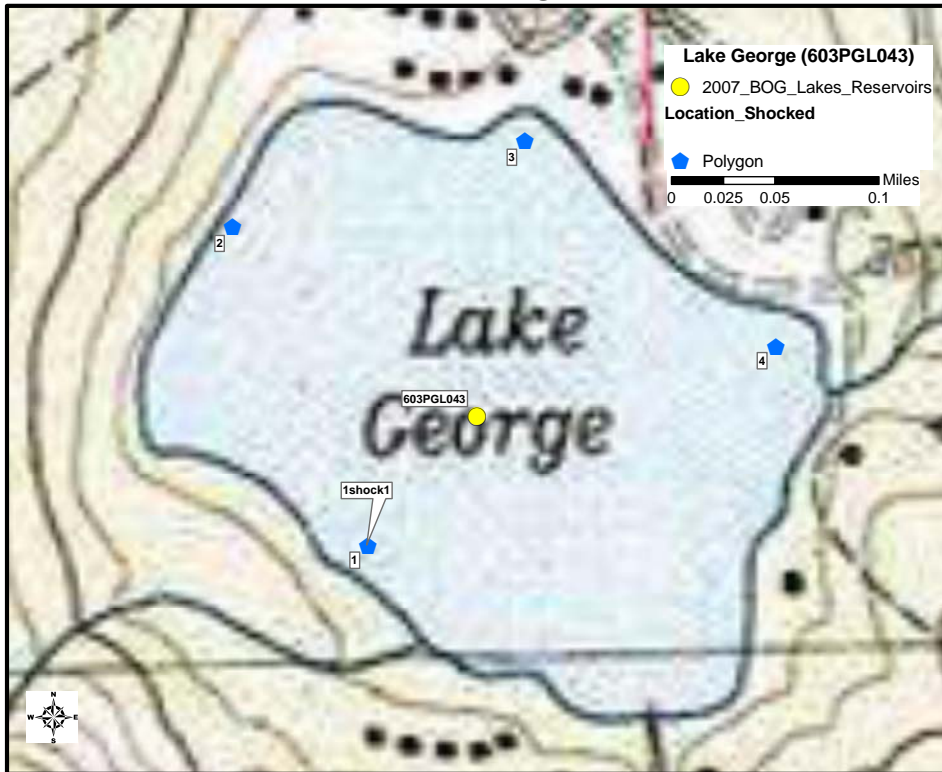
Location 2: Carp					
<b>TL (mm)</b>	464	475	478	493	518
<b>Tag #</b>	09151	09152	09154	09149	09150

**Comments:** The sampling vessel was launched from a concrete launch ramp. Two locations were sampled using the electrofisher boat. A sample of largemouth bass (11 fish) and carp (5 fish) were collected at both locations. Bluegill and goldfish were the only other fish seen.

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## 2007 BOG Lake George (603PGL043)



**Latitude:** 37.60047

**Longitude:** -119.01196

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** July 25, 2007 (Trip 8)

**Samplers:** Billy Jakl, Sean Mundell

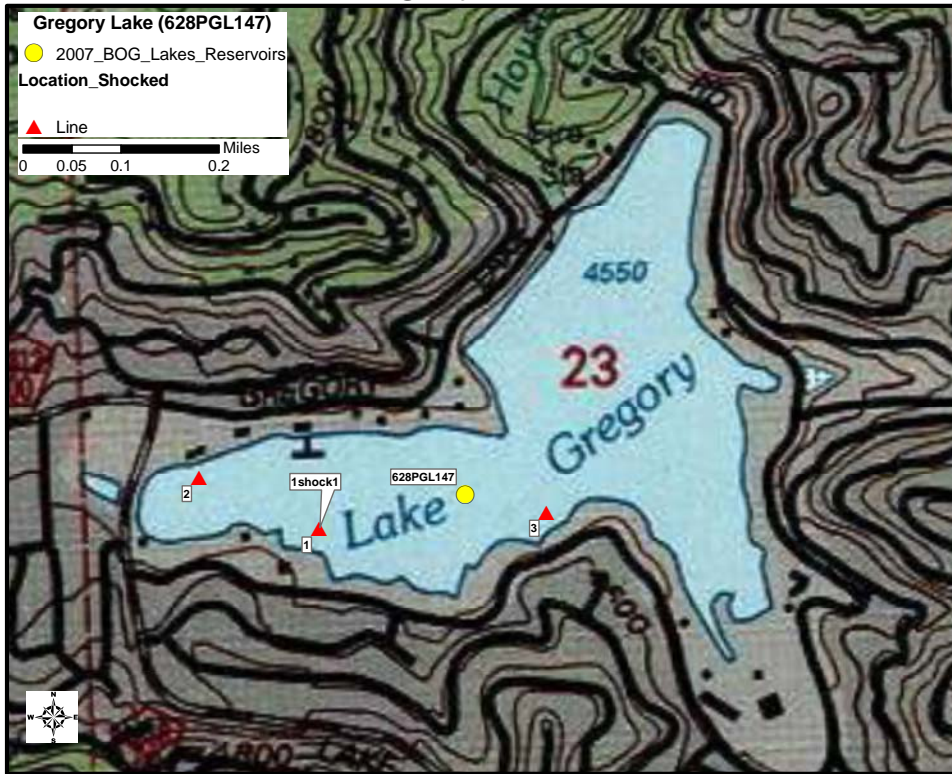
**Fish caught:**

Rainbow Trout					
TL (mm)	308	340	360	385	410
Tag #	6966	6968	6969	6967	6970

**Comments:** The sampling vessel was launched from a small dirt ramp at the entrance. A sample of rainbow trout (5 fish) was collected using the electrofisher boat. No bottom species were collected. Brown trout and golden trout were the only other fish seen. Shocking was very difficult due to the abundance of fishermen on the shore. Lightening and heavy rain ended our sampling effort.

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## 2007 BOG Gregory Lake (628PGL147)



**Latitude:** 34.24208

**Longitude:** -117.27056

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** November 13, 2007 (Trip 23)

**Samplers:** Billy Jakl, Steve Martenuk

**Fish caught:**

Largemouth Bass											
<b>TL (mm)</b>	249	262	271	280	305	378	382	385	392	445	470
<b>Tag #</b>	8868	8870	8869	8871	8873	8872	8875	8874	8876	8877	8878

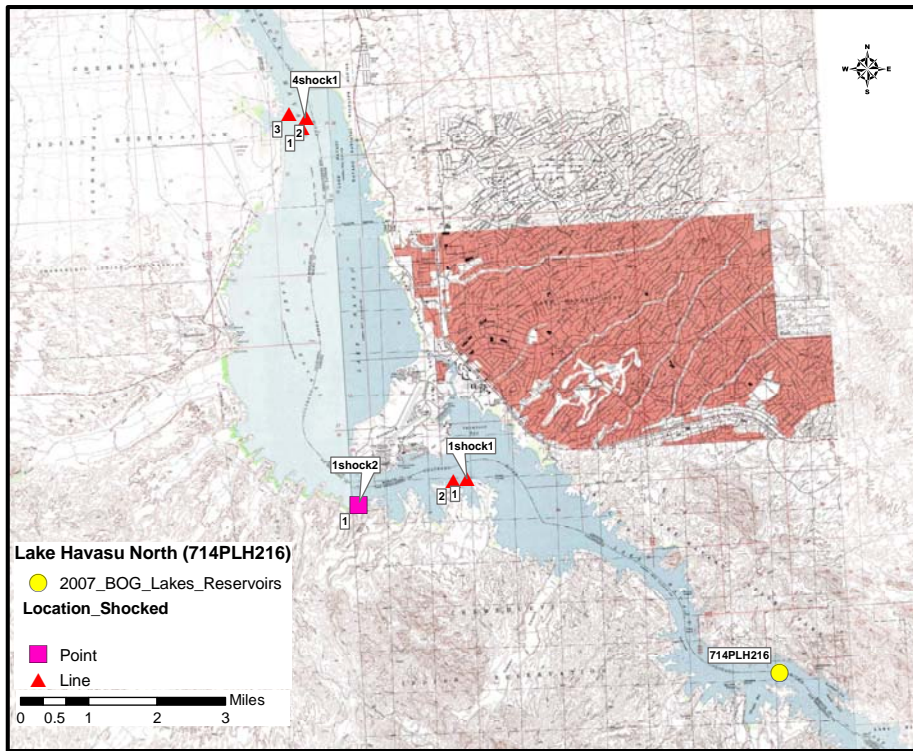
Carp										
<b>TL (mm)</b>	380	395	409	410	411	415	419	425	438	441
<b>Tag #</b>	8885	8883	8888	8880	8887	8886	8881	8882	8879	8884

**Comments:** The sampling vessel was launched from the bank. Two species of fish were collected using the electrofisher boat. A sample for both species was collected:

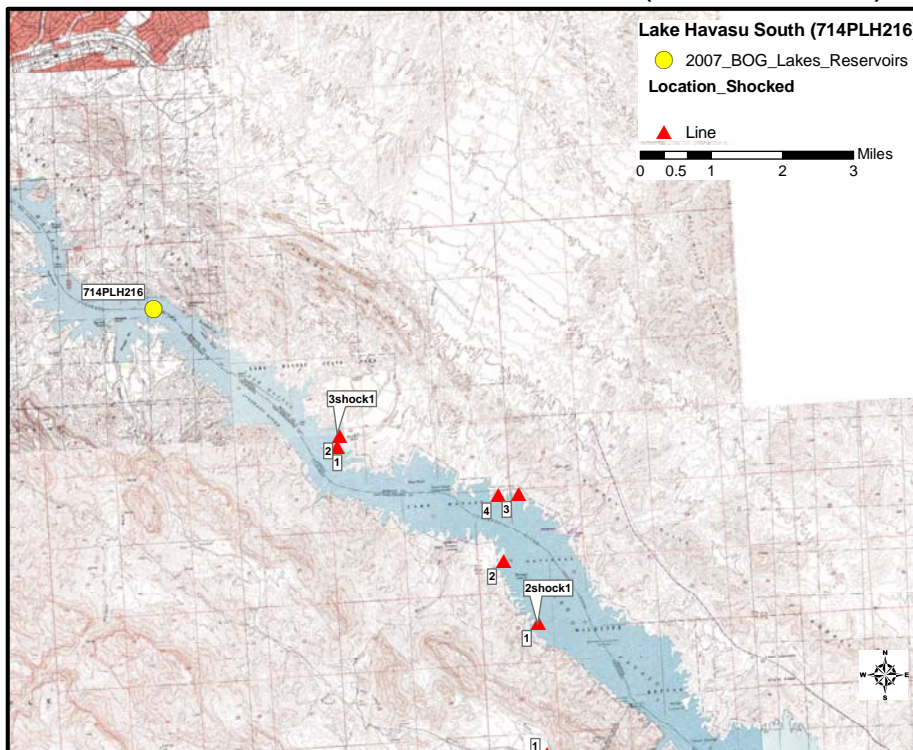
largemouth bass (11 fish) and carp (10 fish). Brown bullhead and bluegill were the only other fish present.

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## 2007 BOG Lake Havasu North (714PLH216)



## 2007 BOG Lake Havasu South (714PLH216)





**Latitude:** 34.40250

**Longitude:** -114.26877

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** September 5, 2007 (Trip 14)

**Samplers:** Bryan Frueh, Kyle Skaff

**Fish caught:**

Location 1: Carp					
<b>TL (mm)</b>	498	505	536	591	595
<b>Tag #</b>	09001	09004	09003	09002	09005

**Comments:** The sampling vessel was launched from a concrete launch ramp. One sample of carp (5 fish) was sampled using the electrofisher boat. Boat trouble cut the sampling effort short. The site had to be revisited.

**Date (s) of Collection:** October 25, 2007 (Trip 20)

**Samplers:** Billy Jakl, Steve Martenuk

**Fish caught:**

Location 2: Carp					
<b>TL (mm)</b>	604	621	623	631	652
<b>Tag #</b>	8483	8480	8482	8484	8481

Location 3: Carp					
<b>TL (mm)</b>	554	575	601	661	670
<b>Tag #</b>	8487	8485	8486	8488	8489

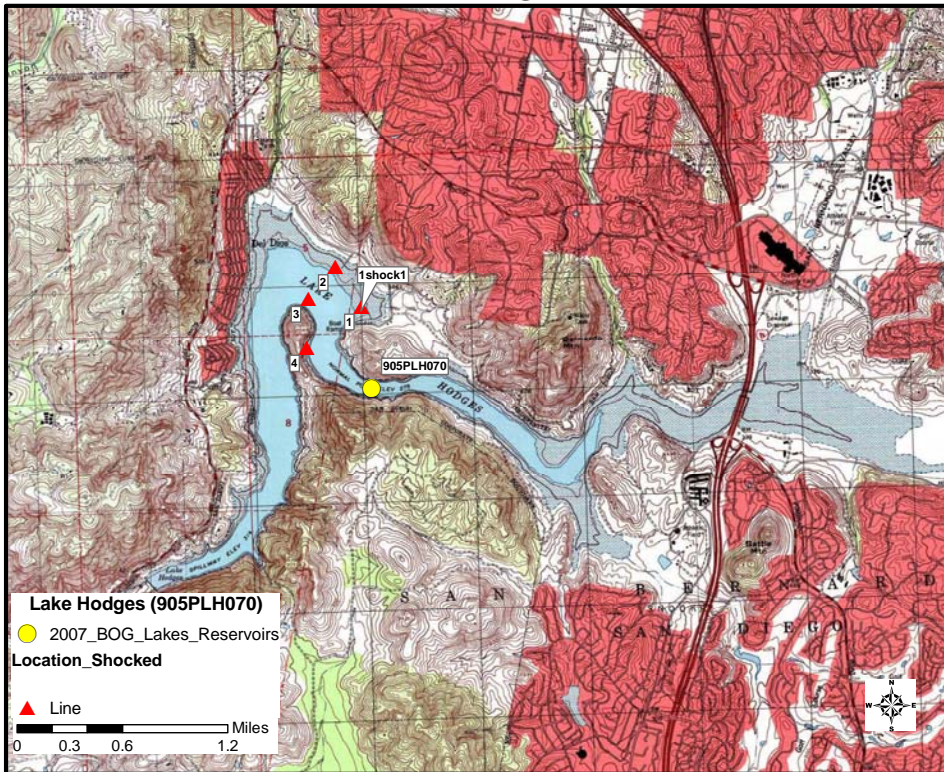
Location 4: Carp					
<b>TL (mm)</b>	592	596	598	599	602
<b>Tag #</b>	8494	8491	8493	8490	8492

**Comments:** The sampling vessel was launched from a concrete launch ramp. Three locations were sampled using the electrofisher boat. A sample of carp (5 fish) was collected at each location. No other fish were present.

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## 2007 BOG Lake Hodges (905PLH070)



**Latitude:** 33.06097

**Longitude:** -117.10625

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** August 22, 2007 (Trip 12)

**Samplers:** Billy Jakl, Sean Mundell

**Fish caught:**

Largemouth Bass											
<b>TL (mm)</b>	245	249	260	270	320	321	321	325	327	340	342
<b>Tag #</b>	09191	09190	09188	09189	09185	09180	09182	09186	09184	09179	09183

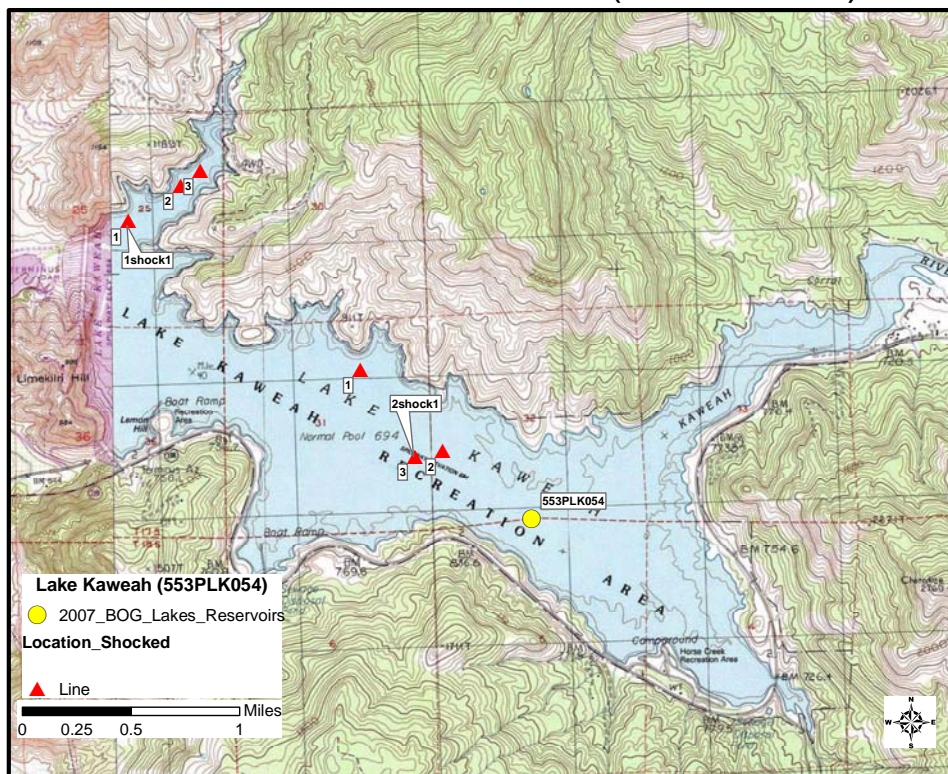
Largemouth Bass					
<b>TL (mm)</b>	358	360	370	375	440
<b>Tag #</b>	09181	09187	09178	09177	09176

Carp										
<b>TL (mm)</b>	560	575	575	620	635	655	655	670	670	700
<b>Tag #</b>	09175	09171	09173	09169	09167	09166	09170	09172	09174	09168

**Comments:** The sampling vessel was launched from a concrete launch ramp. Two species of fish were collected using the electrofisher boat. A sample for both species was collected: largemouth bass (16 fish) and carp (10 fish). No other fish were present.

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## 2007 BOG Lake Kaweah (553PLK054)



**Latitude:** 36.40000

**Longitude:** -118.96648

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** November 14, 2007 (Trip 23)

**Samplers:** Billy Jakl, Steve Martenuk

**Fish caught:**

Location 1: Largemouth Bass											
TL (mm)	220	227	266	293	307	327	340	356	399	425	485
Tag #	8846	8847	8849	8848	8853	8851	8850	8852	8854	8855	8856

Location 2: Largemouth Bass											
TL (mm)	200	245	289	295	306	308	338	394	405	580	623
Tag #	8857	8858	8859	8860	8861	8862	8863	8865	8864	8866	8867

Location 1: Carp					
<b>TL (mm)</b>	600	655	666	671	675
<b>Tag #</b>	8986	8987	8985	8984	8988

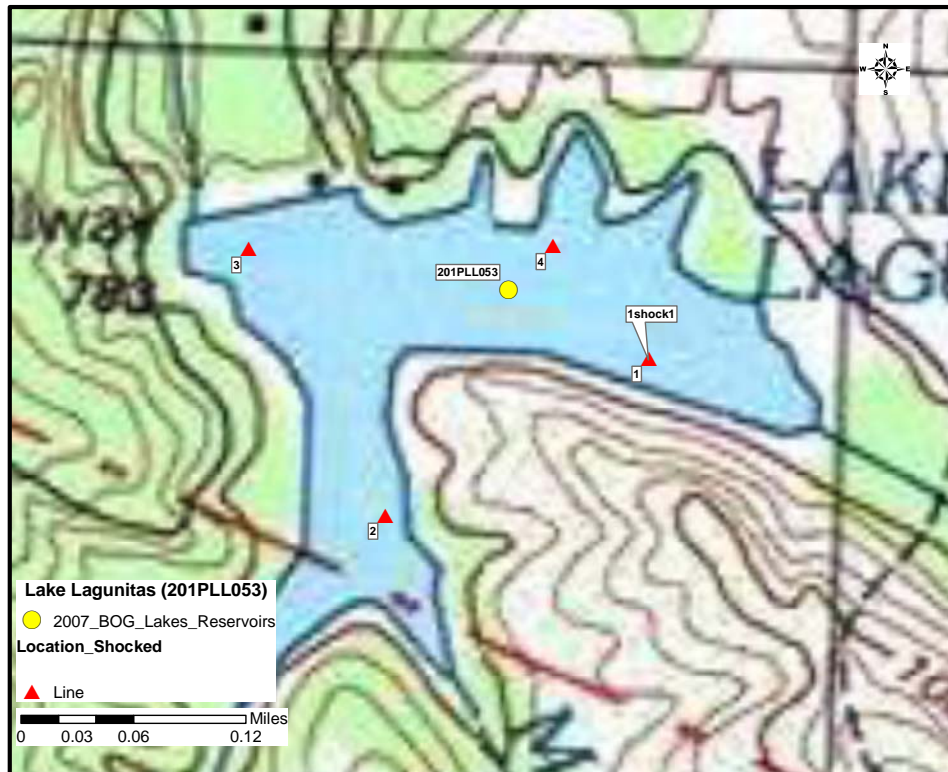
Location 2: Carp					
<b>TL (mm)</b>	648	664	692	710	710
<b>Tag #</b>	8989	8990	8993	8991	8992

**Comments:** The sampling vessel was launched from a concrete ramp. Two locations were sampled using the electrofisher boat. A sample of largemouth bass (11 fish) and carp (5 fish) were collected at each location. No other fish were present.

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## 2007 BOG Lake Lagunitas (201PLL053)



**Latitude:** 37.94689

**Longitude:** -122.59465

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** July 05, 2007 (Trip 5)

**Samplers:** Bryan Frueh, John Negrey

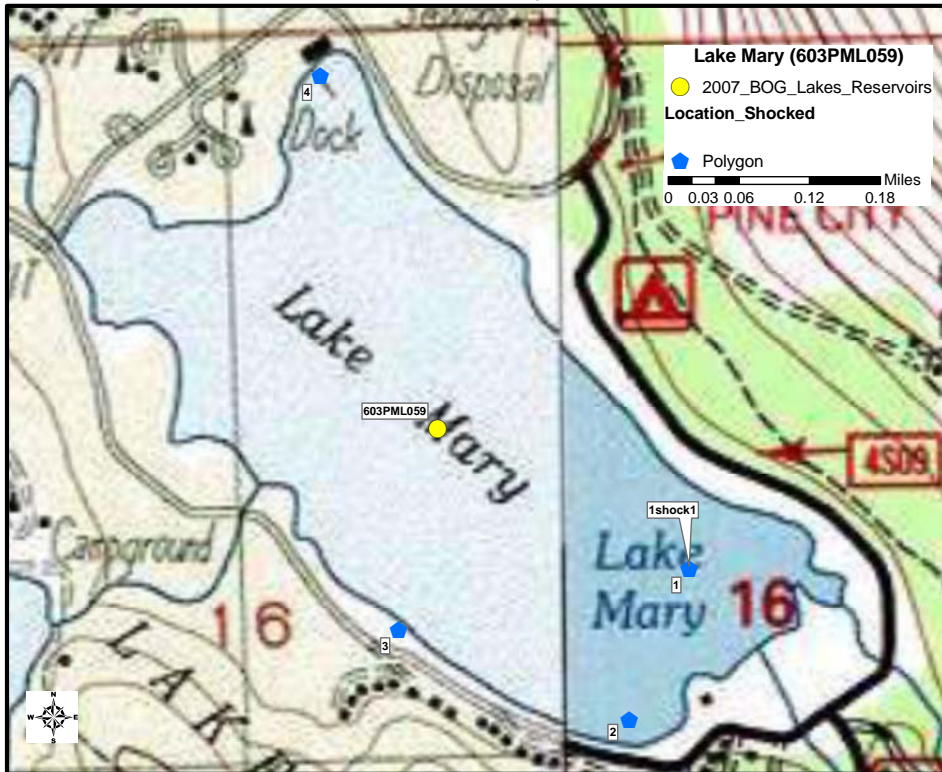
**Fish caught:** No fish were collected

**Comments:** The sampling vessel was launched from a concrete launch ramp at the park entrance. No fish were collected using the electrofisher boat. According to Larry Norall, the lake was drained and all the fish were removed 15 years ago. The only fish seen were small sculpins and tadpoles.

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## 2007 BOG Lake Mary (603PML059)



**Latitude:** 37.60298

**Longitude:** -119.00287

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** July 25, 2007 (Trip 8)

**Samplers:** Billy Jakl, Sean Mundell

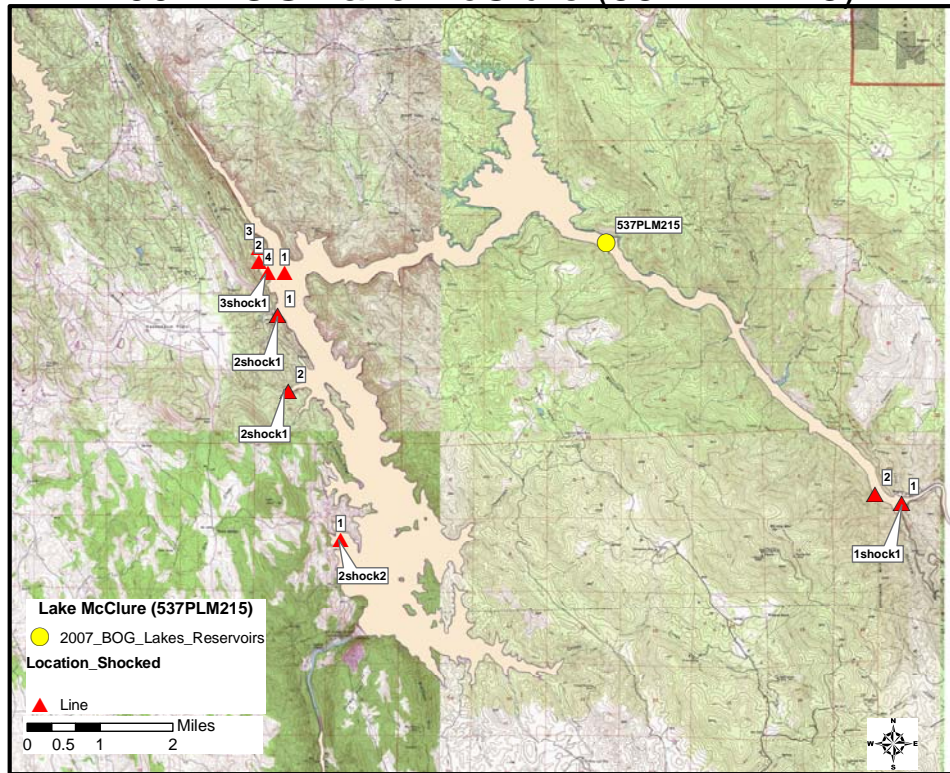
**Fish caught:**

Rainbow Trout									
<b>TL (mm)</b>	220	230	240	243	250	260	285	376	390
<b>Tag #</b>	6959	6957	6958	6960	6962	6961	6963	6965	6964

**Comments:** The sampling vessel was launched from a small ramp at the entrance. A sample of rainbow trout (9 fish) was collected using the electrofisher boat. No bottom species were collected. Brown trout and golden trout were the only other fish seen. Shocking was very difficult due to the abundance of fishermen on the shore.

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## 2007 BOG Lake McClure (537PLM215)



**Latitude:** 37.66236

**Longitude:** -120.20964

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** April 30, 2007 (FMP)

**Samplers:** Dylan Service, Gary Ichikawa

**Fish caught:**

Location 1: Largemouth Bass													
<b>TL (mm)</b>	261	271	279	281	292	311	311	331	339	356	426	476	533
<b>Tag #</b>	4858	4856	6252	6251	4857	6246	6249	6247	6250	6248	4855	6254	6253

Location 1: Spotted Bass														
<b>TL (mm)</b>	203	228	257	266	271	272	295	324	331	334	337	380	387	412
<b>Tag #</b>	4862	4863	6263	6262	4861	4860	4859	6255	6257	6259	6256	6258	6261	6260

Location 1: Bluegill					
TL (mm)	157	171	174	180	187
Tag #	6274	6278	6277	6275	6276

Location 1: Carp					
TL (mm)	396	399	403	424	446
Tag #	6271	6273	6269	6270	6272

Location 1: Channel Catfish					
TL (mm)	505	559	568	569	629
Tag #	6265	6264	6268	6266	6267

Location 2: Largemouth Bass										
TL (mm)	233	256	264	314	322	340	341	369	410	461
Tag #	4810	4809	4808	4803	4807	4806	4804	4805	4801	4802

Location 2: Spotted Bass									
TL (mm)	237	241	246	247	262	264	286	304	311
Tag #	4816	4819	4815	4814	4818	4812	4813	4811	4820

Location 2: Bluegill					
TL (mm)	139	149	153	164	166
Tag #	4829	4827	4828	4830	4826

Location 2: Carp					
TL (mm)	384	409	421	499	511
Tag #	4824	4821	4823	4825	4822

**Comments:** The sampling vessel was launched from a concrete launch ramp. Two locations were sampled using the electrofisher boat. A sample of largemouth bass (13 fish), spotted bass (14 fish), bluegill (5 fish), channel catfish (5 fish) and carp (5 fish) were collected at location one. At location two, a sample of largemouth bass (10 fish), spotted bass (9 fish), bluegill (5 fish) and carp (5 fish) were collected. Extra fish were collected because this effort was also used in the Fish Mercury Project. The site was revisited for BOG sampling requirements.

**Date (s) of Collection:** August 28, 2007 (Trip 13)

**Samplers:** Billy Jakl, Dylan Service

**Fish caught:**

Location 2: Largemouth Bass				
<b>TL (mm)</b>	227	264	289	296
<b>Tag #</b>	7510	7508	7509	7511

Location 3: Largemouth Bass											
<b>TL (mm)</b>	221	242	279	296	306	311	314	319	319	332	459
<b>Tag #</b>	7512	7513	7514	7520	7517	7519	7515	7516	7521	7518	7522

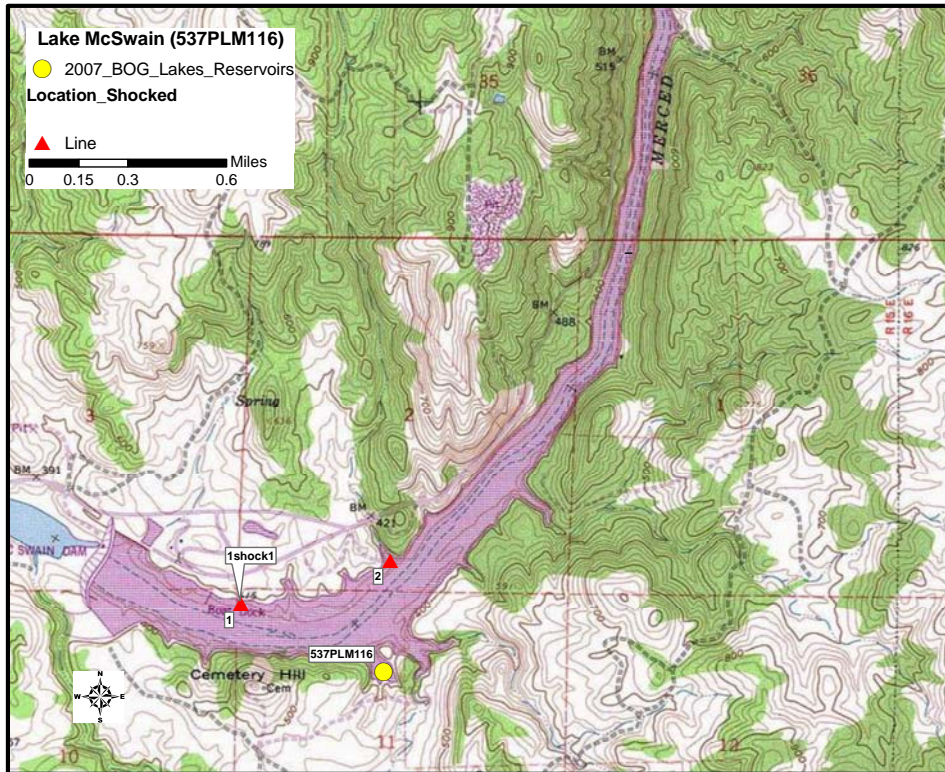
Location 3: Carp					
<b>TL (mm)</b>	414	421	424	432	434
<b>Tag #</b>	7525	7526	7527	7523	7524

**Comments:** The sampling vessel was launched from a concrete launch ramp. Two locations were sampled using the electrofisher boat. A sample of largemouth bass (4 fish) was collected at location one. At location two, a sample of largemouth bass (11 fish) and carp (5 fish) were collected. No other fish were present.

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## 2007 BOG Lake McSwain (537PLM116)



**Latitude:** 37.51644

**Longitude:** -120.29452

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** April 17, 2007 (FMP)

**Samplers:** Dylan Service, Gary Ichikawa

**Fish caught:**

Largemouth Bass									
<b>TL (mm)</b>	312	382	391	416	421	446	489	504	557
<b>Tag #</b>	2393	2387	2389	2394	2388	2386	2391	2390	2392

Rainbow Trout								
<b>TL (mm)</b>	246	352	356	377	384	414	419	470
<b>Tag #</b>	2385	2384	2383	2381	2378	2380	2382	2379



Sacramento sucker					
<b>TL (mm)</b>	359	381	449	469	476
<b>Tag #</b>	2375	2373	2376	2377	2374

**Comments:** The sampling vessel was launched from a concrete launch ramp. Three species were collected using the electorfisher boat. A sample for all species was collected: largemouth bass (9 fish), rainbow trout (8 fish) and Sacramento sucker (5 fish). Extra fish were collected because this effort was also used in the Fish Mercury Project. The site was revisited for BOG sampling requirements.

**Date (s) of Collection:** August 28, 2007 (Trip 13)

**Samplers:** Billy Jakl, Dylan Service

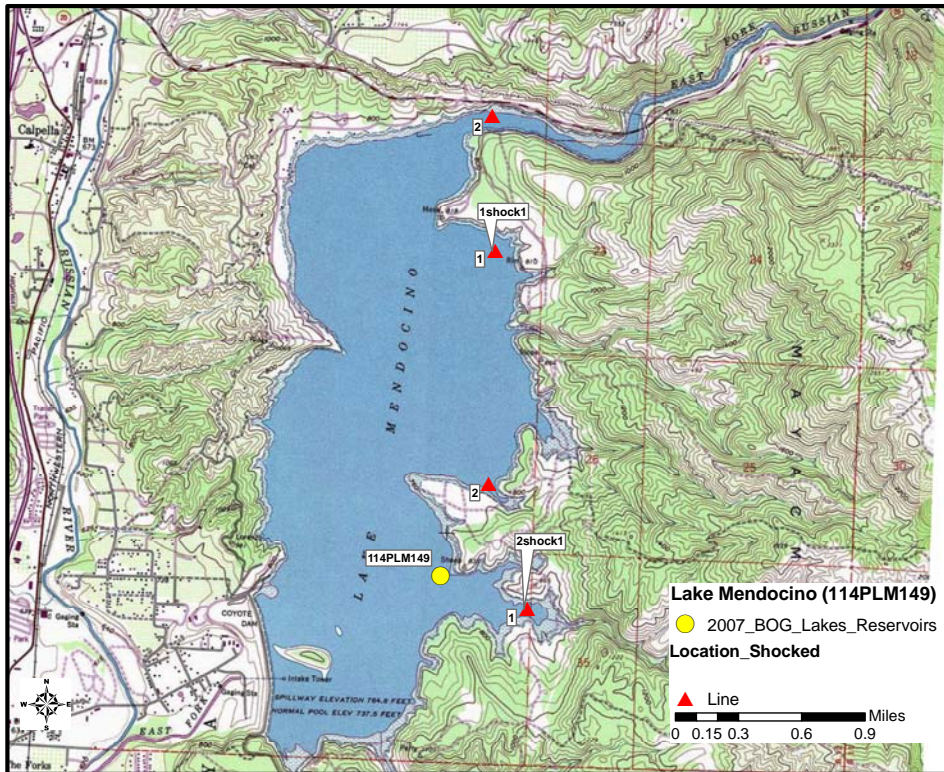
**Fish caught:**

Sacramento sucker					
<b>TL (mm)</b>	341	382	394	417	419
<b>Tag #</b>	7503	7505	7504	7507	7506

**Comments:** The sampling vessel was launched from a concrete launch ramp. A sample of Sacramento sucker (5 fish) was sampled using the electorfisher boat. Rainbow trout was the only other fish seen.

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## 2007 BOG Lake Mendocino (114PLM149)



**Latitude:** 39.20525

**Longitude:** -123.16811

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** August 28, 2007 (Trip 13)

**Samplers:** Gary Ichikawa, Jon Geotzl

**Fish caught:**

Location 1: Largemouth Bass											
TL (mm)	191	205	292	299	325	328	340	370	371	483	485
Tag #	9506	9507	9508	9509	9512	9514	9513	9511	9510	9515	9516

Location 2: Largemouth Bass											
TL (mm)	206	258	272	282	328	338	359	375	396	412	445
Tag #	9522	9524	9523	9525	9527	9526	9528	9529	9530	9531	9532

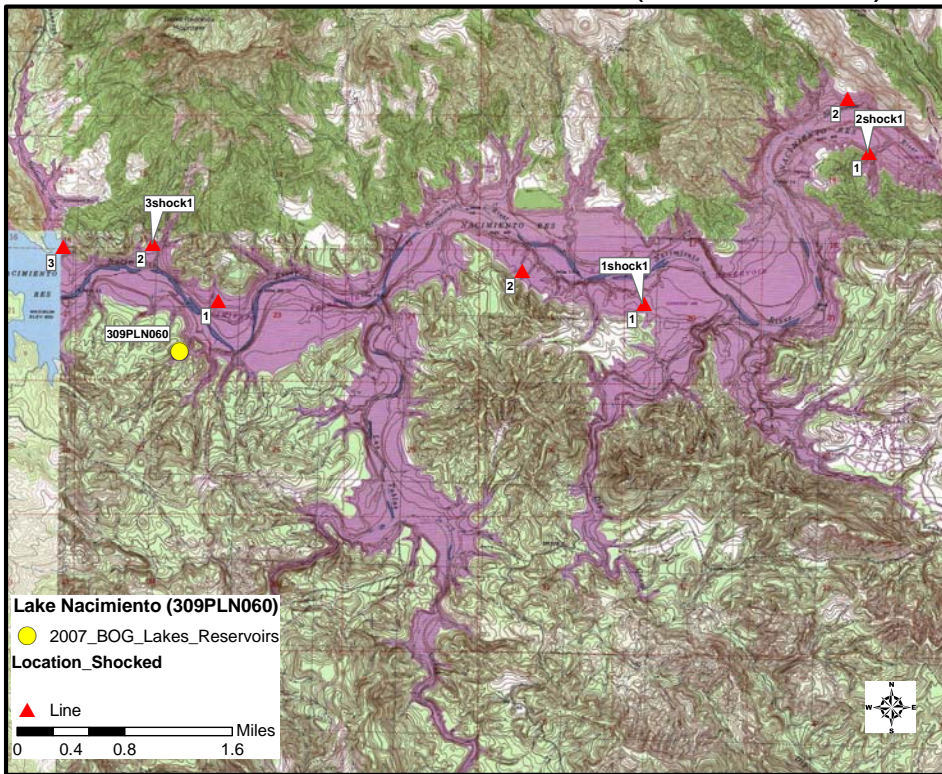
Location 1: Carp					
<b>TL (mm)</b>	460	460	478	479	518
<b>Tag #</b>	9501	9503	9502	9504	9505

Location 2: Carp					
<b>TL (mm)</b>	448	469	471	523	547
<b>Tag #</b>	9520	9517	9521	9518	9519

**Comments:** The sampling vessel was launched from a concrete launch ramp. Two locations were sampled using the electrofisher boat. A sample of largemouth bass (11 fish) and carp (5 fish) were collected at both locations. Split-tail was the only other fish present.

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## 2007 BOG Lake Nacimiento (309PLN060)



**Latitude:** 35.73708

**Longitude:** -120.98516

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** July 02, 2007 (Trip 5)

**Samplers:** Dylan Service, Billy Jakl

**Fish caught:**

Location 1: Smallmouth Bass											
<b>TL (mm)</b>	216	224	251	281	324	342	346	376	401	424	446
<b>Tag #</b>	2733	2734	2730	2729	2725	2728	2726	2724	2727	2731	2732

Location 2: Smallmouth Bass											
<b>TL (mm)</b>	206	214	287	289	305	324	336	346	361	379	459
<b>Tag #</b>	2717	2718	2714	2713	2708	2709	2710	2712	2711	2715	2716

Location 3: Smallmouth Bass											
<b>TL (mm)</b>	184	227	264	286	307	307	309	309	311	337	338
<b>Tag #</b>	2702	2701	2698	2697	2692	2695	2694	2696	2693	2700	2699

Location 1: Carp					
<b>TL (mm)</b>	395	396	397	434	484
<b>Tag #</b>	2719	2721	2723	2720	2722

Location 2: Carp					
<b>TL (mm)</b>	466	493	509	521	524
<b>Tag #</b>	2704	2707	2705	2706	2703

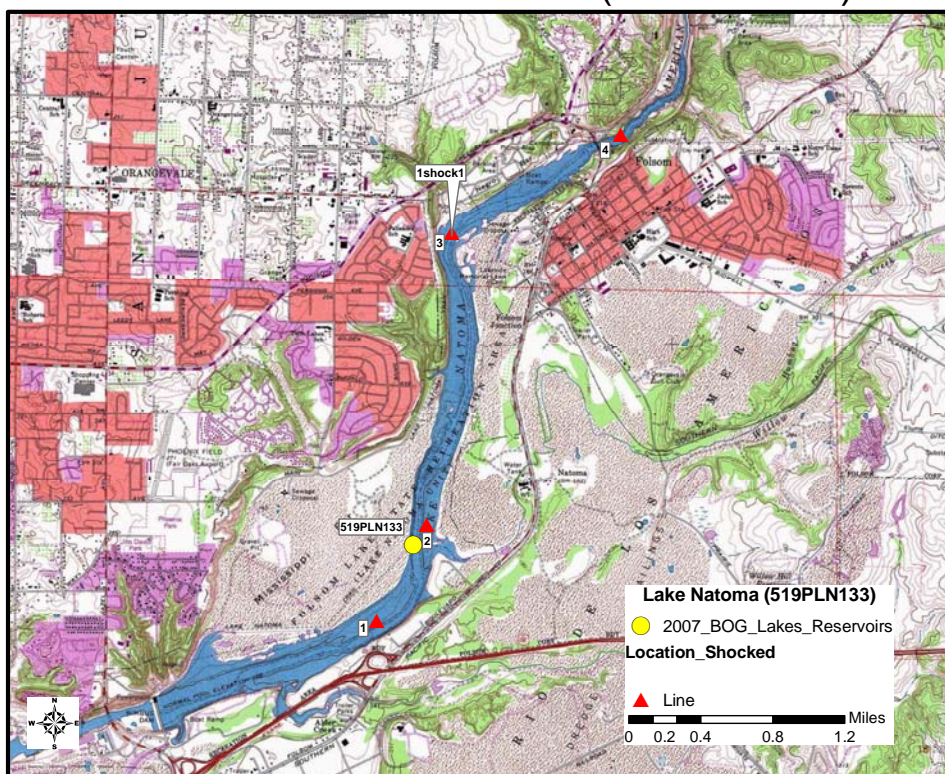
Location 3: Carp					
<b>TL (mm)</b>	487	501	512	523	527
<b>Tag #</b>	2688	2690	2687	2689	2691

**Comments:** The sampling vessel was launched from a concrete launch ramp that was accessed through the main park entrance. Two species of fish were collected using the electrofisher boat for three locations. A sample for both species was collected: smallmouth bass (11 fish) and carp (5 fish) at each location. Other fish seen were: channel catfish, largemouth bass, and bluegill.

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## 2007 BOG Lake Natoma (519PLN133)



**Latitude:** 38.65010

**Longitude:** -121.19387

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** August 6, 2007 (Trip 10)

**Samplers:** Billy Jakl, Sean Mundell

**Fish caught:**

Largemouth Bass											
<b>TL (mm)</b>	200	215	250	290	385	385	390	402	404	425	450
<b>Tag #</b>	6895	6894	6897	6896	6892	6900	6899	6898	6893	6890	6891

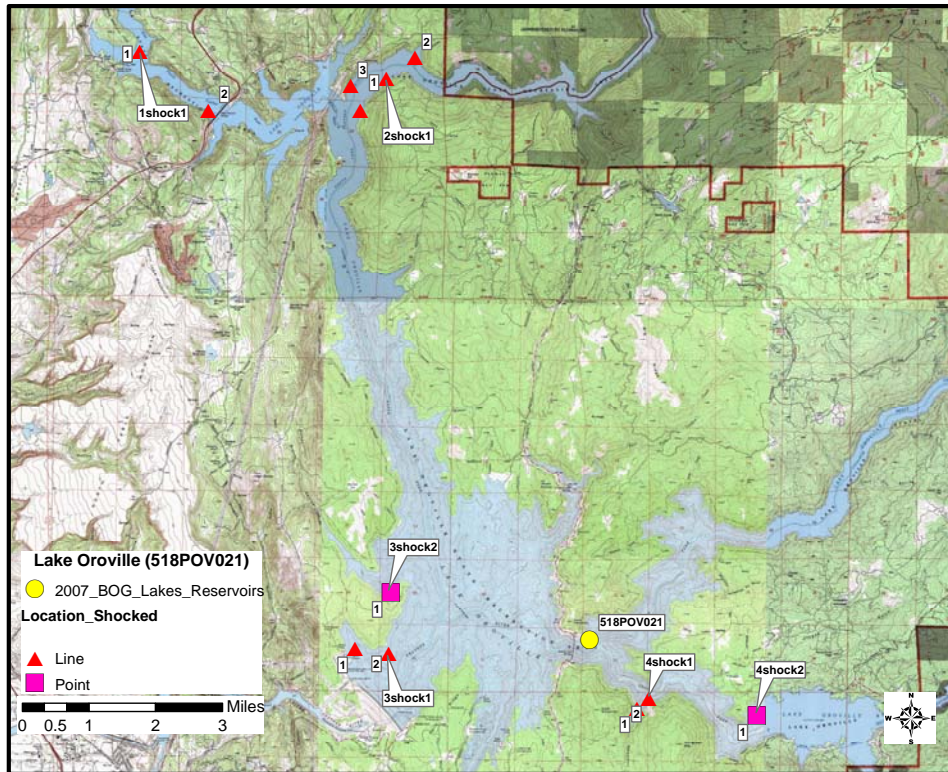
Carp										
<b>TL (mm)</b>	520	564	566	570	575	585	586	586	590	595
<b>Tag #</b>	6880	6889	6888	6887	6884	6885	6882	6886	6883	6881

**Comments:** The sampling vessel was launched from a dirt ramp. Two species of fish were collect using the electorfisher boat. A sample for both species was collected:

largemouth bass (11 fish) and carp (10 fish). Other fish present were: Sacramento suckers, bluegill, goldfish, and threadfin shad.

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## 2007 BOG Lake Oroville (518POV021)



**Latitude:** 39.55227

**Longitude:** -121.42538

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** August 22, 2007 (Trip 10)

**Samplers:** Dylan Service, Kyle Skaff

**Fish caught:**

Location 1: Smallmouth Bass											
<b>TL (mm)</b>	203	245	278	284	317	322	341	346	362	377	529
<b>Tag #</b>	7618	7617	7616	7615	7613	7614	7611	7610	7612	7609	7608

Location 2: Smallmouth Bass											
<b>TL (mm)</b>	234	247	276	287	342	346	360	364	366	407	414
<b>Tag #</b>	7632	7631	7633	7634	7629	7630	7627	7626	7628	7625	7624

Location 3: Smallmouth Bass											
<b>TL (mm)</b>	151	159	186	212	336	339	366	379	382	418	432
<b>Tag #</b>	7647	7650	7649	7648	7641	7643	7642	7640	7644	7645	7646

Location 4: Smallmouth Bass											
<b>TL (mm)</b>	231	236	254	297	317	336	343	346	364	383	409
<b>Tag #</b>	7664	7663	7665	7666	7662	7661	7660	7658	7659	7657	7656

Location 1: Carp					
<b>TL (mm)</b>	509	514	552	561	569
<b>Tag #</b>	7620	7623	7622	7621	7619

Location 2: Carp					
<b>TL (mm)</b>	503	504	519	524	559
<b>Tag #</b>	7635	7638	7637	7636	7639

Location 3: Carp					
<b>TL (mm)</b>	489	558	469	519	552
<b>Tag #</b>	7652	7651	7653	7654	7655

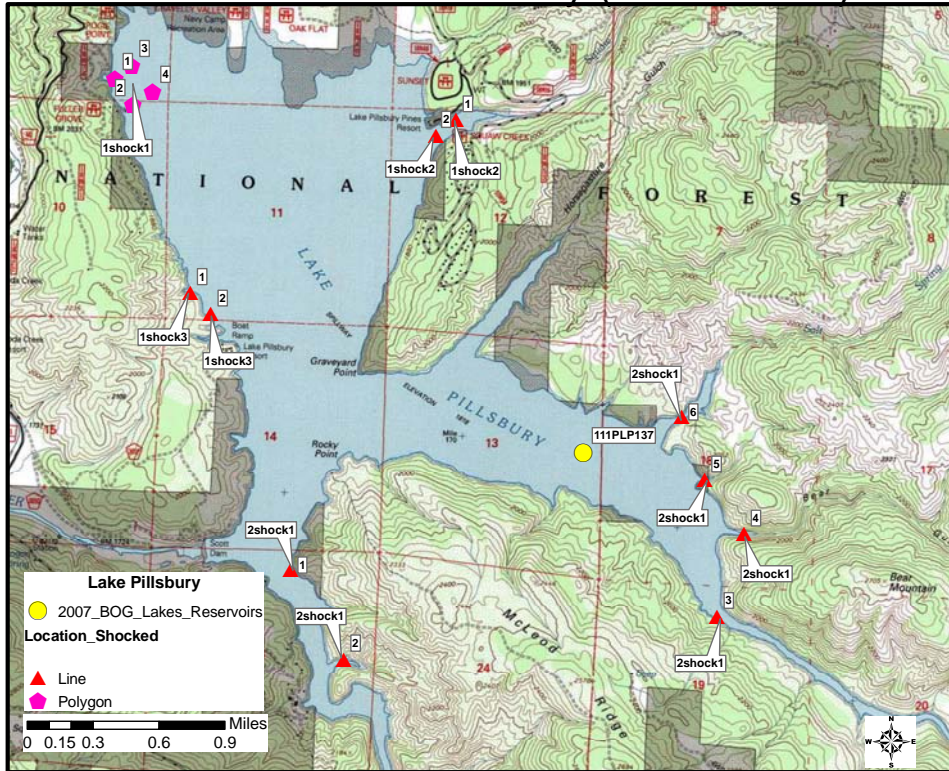
Location 4: Carp					
<b>TL (mm)</b>	479	482	491	519	538
<b>Tag #</b>	7670	7671	7668	7667	7669

**Comments:** The sampling vessel was launched from a concrete launch ramp. Four locations were sampled using the electrofisher boat. Two species of fish were collected at each location. A sample for both species was collected: smallmouth bass (11 fish) and carp (10 fish). No other fish were present.

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## 2007 BOG Lake Pillsbury (111PLP137)



**Latitude:** 39.41451

**Longitude:** -122.92732

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** July 11, 2007 (Trip 6)

**Samplers:** John Negrey, Kyle Skaff

**Fish caught:**

Location 1: Largemouth Bass											
<b>TL (mm)</b>	295	298	310	330	396	404	405	407	410	458	559
<b>Tag #</b>	2775	2776	2777	2774	2773	2770	2769	2772	2768	2771	2767

Location 2: Largemouth Bass											
<b>TL (mm)</b>	386	394	428	430	435	450	465	470	481	495	540
<b>Tag #</b>	2784	2783	2782	2781	2787	2785	2788	2786	2778	2780	2779

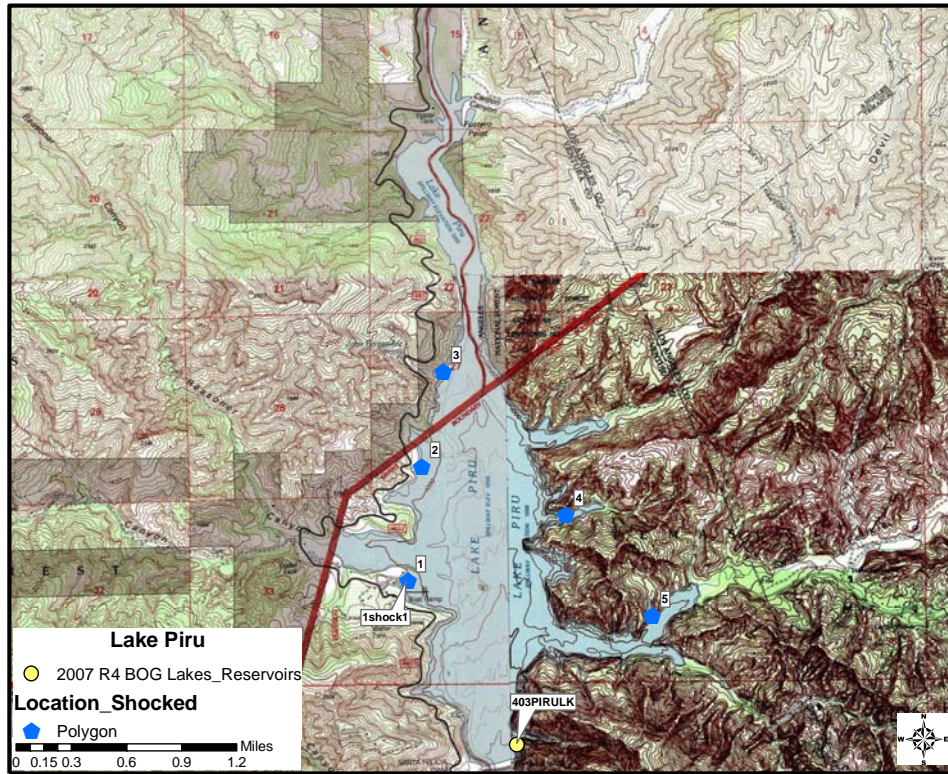
**Comments:** The sampling vessel was launched from a concrete launch ramp that was accessed through the main park entrance. Two locations were sampled using the



electorfisher boat. A sample of largemouth bass (11 fish) was collect at each location. Sacramento pikeminnow was the only other fish seen.

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2007 R4 BOG Lake Piru (403PIRULK)



**Latitude:** 34.46296

**Longitude:** -118.75035

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** June 13, 2007 (Trip 2)

**Samplers:** Dylan Service, John Negrey

**Fish caught:**

Largemouth Bass											
<b>TL (mm)</b>	217	250	255	280	305	312	317	320	321	352	358
<b>Tag #</b>	4954	4953	4952	4951	4945	4946	4950	4949	4948	4947	4944

Largemouth Bass					
<b>TL (mm)</b>	380	386	404	509	554
<b>Tag #</b>	4943	4942	4941	4939	4940

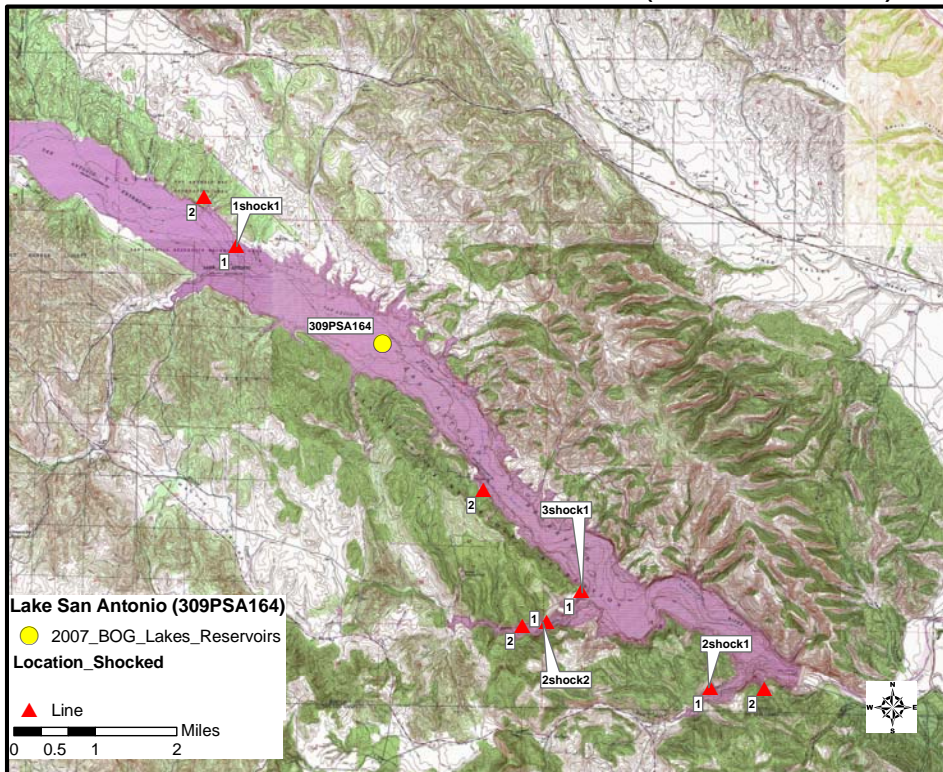
Brown Bullhead										
<b>TL (mm)</b>	280	284	286	291	292	296	301	302	314	315
<b>Tag #</b>	4958	4963	4956	4960	4965	4961	4957	4959	4962	4955

Rainbow		
<b>TL (mm)</b>	275	296
<b>Tag #</b>	4966	4967

**Comments:** The sampling vessel was launched from a concrete ramp at the entrance. Three species of fish was collected using the electorfisher boat. A sample for all species was collected: largemouth bass (16 fish), rainbow trout (2 fish) and brown bullhead (10 fish). No other fish were present

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## 2007 BOG Lake San Antonio (309PSA164)



**Latitude:** 35.85688

**Longitude:** -120.97666

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** July 10, 2007 (Trip 6)

**Samplers:** Gary Ichikawa, Jon Geotzl

**Fish caught:**

Location 1: Largemouth Bass											
<b>TL (mm)</b>	224	271	298	322	341	350	370	374	375	405	460
<b>Tag #</b>	6760	6761	6762	6764	6763	6765	6768	6766	6767	6769	6770

Location 2: Largemouth Bass											
<b>TL (mm)</b>	234	250	271	298	305	433	492	311	311	322	351
<b>Tag #</b>	6744	6745	6746	6747	6748	6753	6754	6751	6752	6749	6750

Location 3: Largemouth Bass											
<b>TL (mm)</b>	286	290	305	316	318	324	326	331	338	429	465
<b>Tag #</b>	6776	6777	6778	6782	6783	6779	6784	6781	6780	6785	6786

Location 1: Carp					
<b>TL (mm)</b>	496	520	524	540	570
<b>Tag #</b>	6756	6757	6758	6755	6759

Location 2: Carp					
<b>TL (mm)</b>	552	579	583	586	592
<b>Tag #</b>	6740	6742	6743	6739	6741

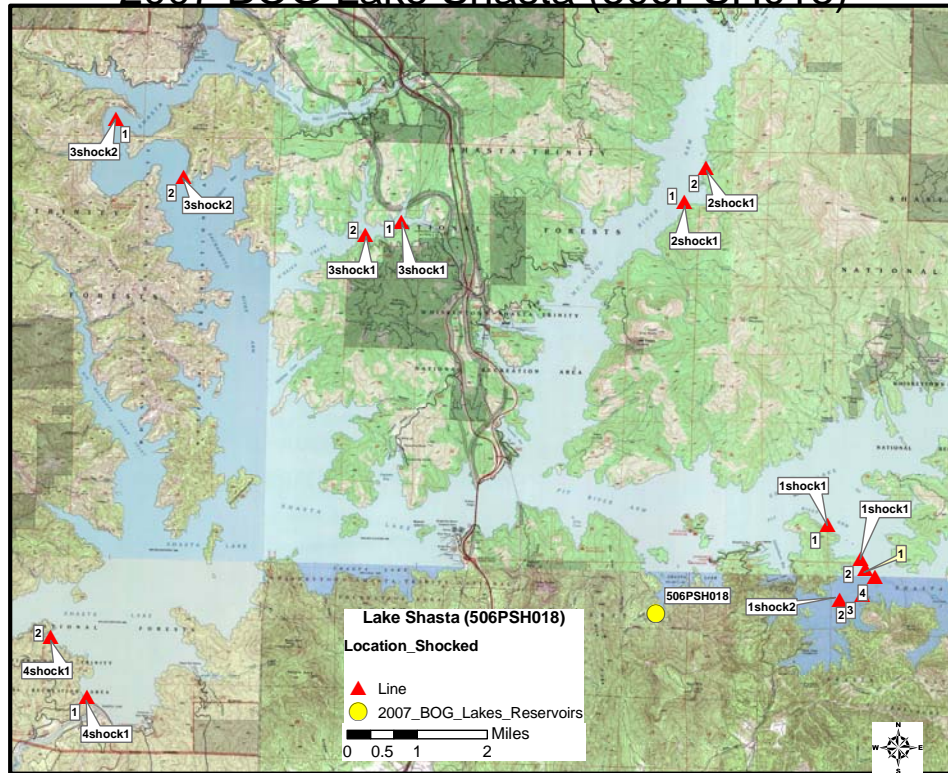
Location 3: Carp					
<b>TL (mm)</b>	556	615	618	618	628
<b>Tag #</b>	6771	6773	6772	6774	6775

**Comments:** The sampling vessel was launched from a concrete launch ramp that was accessed through the main park entrance. Two species of fish were collected using the electrofisher boat for three locations. A sample for both species was collected: Largemouth bass (11 fish) and carp (5 fish) at each location. Other fish seen were: spotted bass, goldfish, threadfin shad, and Sacramento pikeminnow.

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## 2007 BOG Lake Shasta (506PSH018)



**Latitude:** 40.74123

**Longitude:** -122.26897

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** August 14, 2007 (Trip 11)

**Samplers:** Dylan Service, Bryan Frueh

**Fish caught:**

Location 1: Spotted Bass											
<b>TL (mm)</b>	157	195	248	285	355	363	369	371	390	405	480
<b>Tag #</b>	7562	7561	7560	7559	7557	7558	7555	7556	7554	7553	7552

Location 2: Spotted Bass								
<b>TL (mm)</b>	155	179	183	205	217	296	345	385
<b>Tag #</b>	7443	7441	7442	7440	7439	7438	7437	7436

Location 2: Largemouth Bass			
TL (mm)	341	380	485
Tag #	7435	7434	7433

Location 1: Channel Catfish				
TL (mm)	525	695	740	766
Tag #	7566	7563	7564	7565

Location 2: Channel Catfish					
TL (mm)	440	485	645	693	700
Tag #	7447	7551	7446	7445	7444

**Comments:** The sampling vessel was launched from a concrete ramp at the entrance. Two locations were sampled using the electrofisher boat. A sample of spotted bass (11 fish) and channel catfish (5 fish) were collected at location one. A sample of largemouth bass (3 fish), spotted bass (8 fish) and channel catfish (5 fish) were collected at location two. No other fish were seen.

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** August 14, 2007 (Trip 11)

**Samplers:** Gary Ichikawa, John Negrey

**Fish caught:**

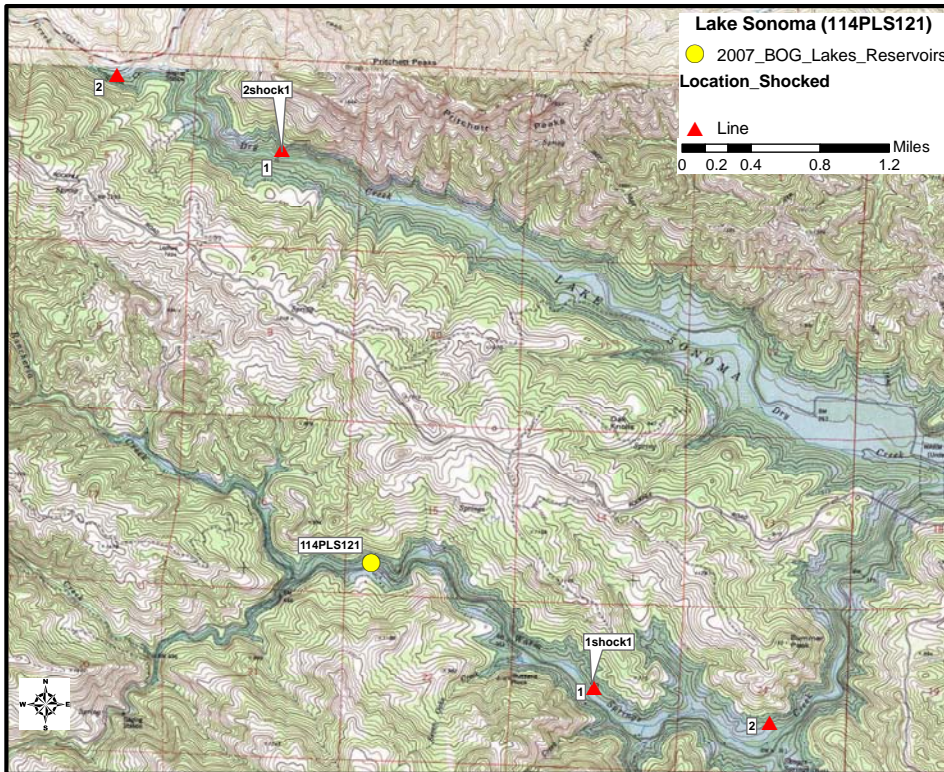
Location 3: Spotted Bass							
TL (mm)	126	161	172	173	182	186	204
Tag #	7484	7481	7487	7486	7482	7483	7485

Location 4: Spotted Bass										
TL (mm)	136	146	159	167	168	173	186	197	203	206
Tag #	7489	7494	7491	7490	7488	7495	7496	7493	7497	7492

**Comments:** The sampling vessel was launched from a concrete ramp at the entrance. Two locations were sampled using the electrofisher boat. A sample of spotted bass (7 fish) was collected at location three. A sample of spotted bass (10 fish) was collected at location four. No other fish were seen.

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## 2007 BOG Lake Sonoma (114PLS121)



**Latitude:** 38.70898

**Longitude:** -123.07072

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** August 28, 2007 (Trip 13)

**Samplers:** Gary Ichikawa, Jon Geotzl

**Fish caught:**

Location 1: Largemouth Bass											
<b>TL (mm)</b>	208	238	257	299	315	344	355	356	377	408	410
<b>Tag #</b>	9533	9534	9535	9536	9537	9540	9538	9539	9541	9542	9543

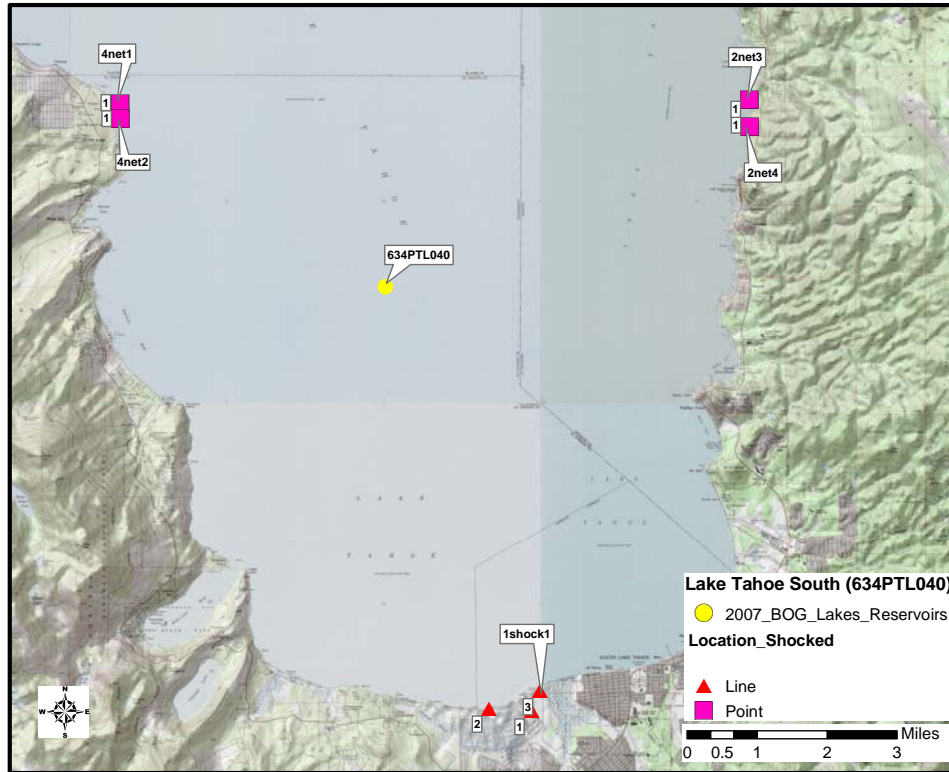
Location 2: Largemouth Bass											
<b>TL (mm)</b>	205	213	234	245	332	355	356	356	364	411	411
<b>Tag #</b>	9544	9545	9546	9547	9551	9548	9549	9550	9552	9553	9554

**Comments:** The sampling vessel was launched from a concrete launch ramp. Two locations were sampled using the electrofisher boat. A sample of largemouth bass (11

fish) was collected at both locations. Rich Fadness joined the team on the boat. Other fish present were: threadfin shad, redear sunfish and crappie.

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## 2007 BOG Lake Tahoe South (634PTL040)



**Latitude:** 39.08864

**Longitude:** -120.04485

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** October 10, 2007 (Trip 18)

**Samplers:** Billy Jakl, Dylan Service

**Fish caught:**

Location 1: Largemouth Bass											
<b>TL (mm)</b>	206	239	277	278	344	346	391	391	402	411	429
<b>Tag #</b>	8378	8379	8380	8381	8385	8383	8382	8384	8387	8386	8388

Location 1: Brown Trout										
<b>TL (mm)</b>	303	306	319	340	407	461	489	512	548	556
<b>Tag #</b>	8367	8369	8368	8366	8365	8364	8360	8363	8362	8361



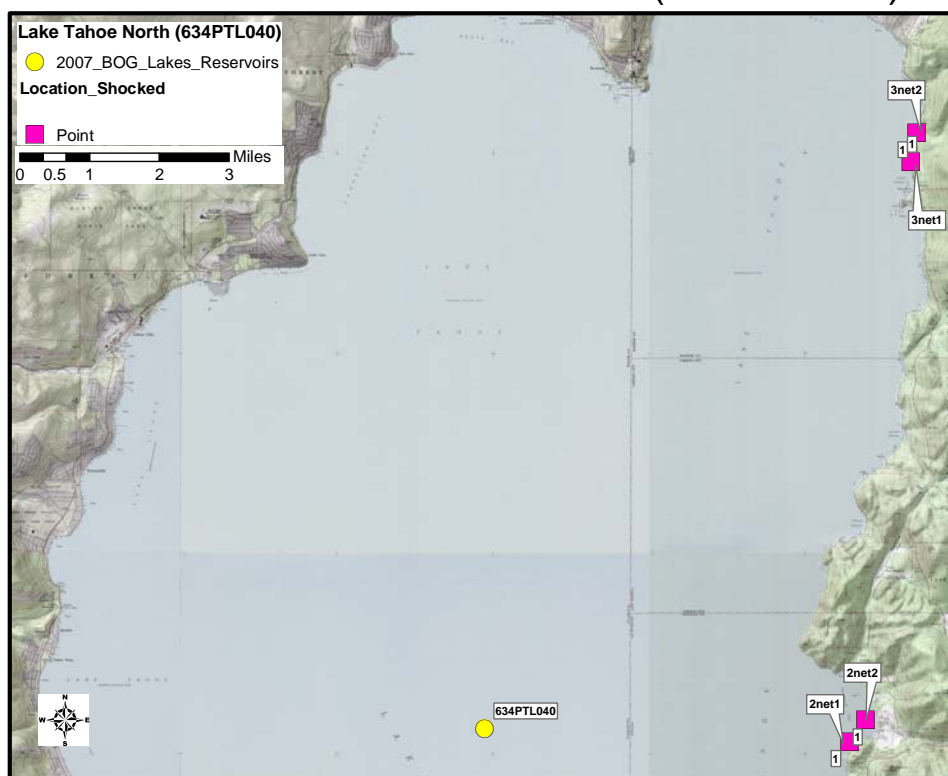
Location 1: Rainbow Trout								
<b>TL (mm)</b>	182	186	201	220	231	249	254	266
<b>Tag #</b>	8373	8370	8371	8375	8372	8377	8374	8376

Location 1: Sacramento Sucker							
<b>TL (mm)</b>	259	281	284	311	334	334	339
<b>Tag #</b>	8397	8398	8399	8396	8394	8395	8393

Location 1: Brown Bullhead				
<b>TL (mm)</b>	224	282	286	341
<b>Tag #</b>	8392	8390	8391	8389

**Comments:** The sampling vessel was launched from a concrete ramp. Six species of fish were collected at location one using the electrofisher boat. A sample for all species was collected: largemouth bass (11 fish), brown trout (10 fish), rainbow trout (8 fish), Sacramento sucker (7 fish) and brown bullhead (4 fish). No other fish were present.

### 2007 BOG Lake Tahoe North (634PTL040)



**Collection Method:** Gill Net

**Date (s) of Collection:** November 7-8, 2007 (Trip 22)

**Samplers:** Glen Sibald, Matt Rock

**Fish caught:**

<b>Location 2: Rainbow Trout</b>					
<b>TL (mm)</b>	317	354	415	427	438
<b>Tag #</b>	14092	14091	14097	14099	14098

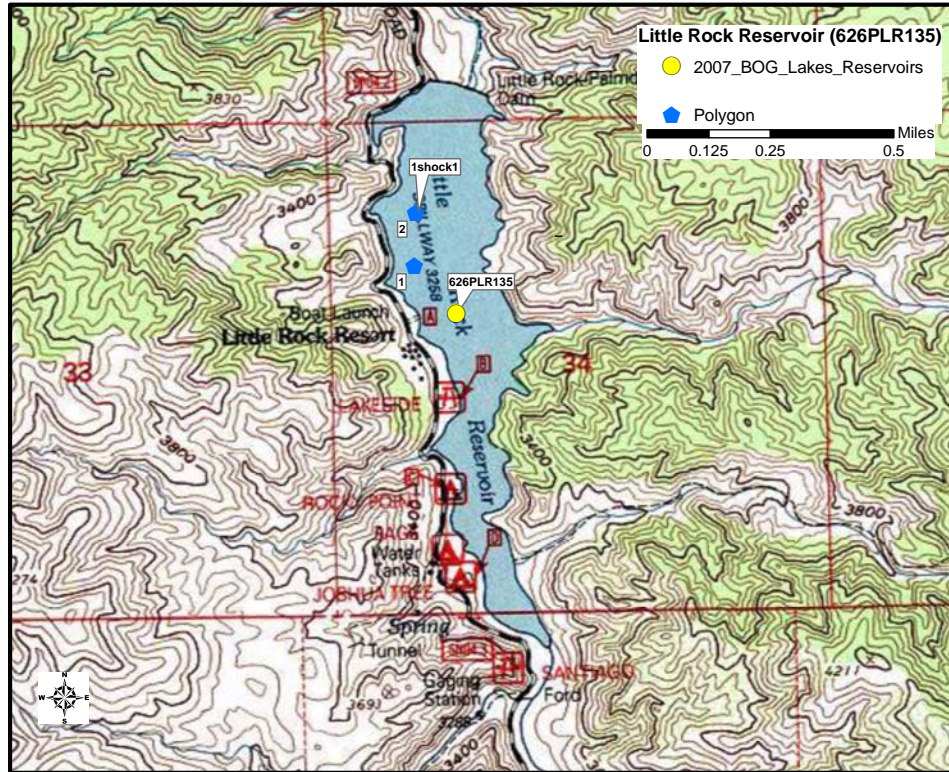
<b>Location 3: Rainbow Trout</b>					
<b>TL (mm)</b>	315	315	335	359	382
<b>Tag #</b>	14093	14094	14095	14096	14090

<b>Location 4: Rainbow Trout</b>					
<b>TL (mm)</b>	477	502	527	351	436
<b>Tag #</b>	14101	14102	14103	14100	14106

**Comments:** The sampling vessel was launched from a concrete launch ramp. Three locations were sampled using gill nets (1.5” to 2” mesh). A sample of rainbow trout (5 fish) was collected at each location. No other fish were present. Nets were left overnight and retrieved on the 8th.

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## 2007 BOG Little Rock Reservoir (626PLR135)



**Latitude:** 34.47903

**Longitude:** -118.02288

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** November 12, 2007 (Trip 23)

**Samplers:** Billy Jakl, Steve Martenuk

**Fish caught:**

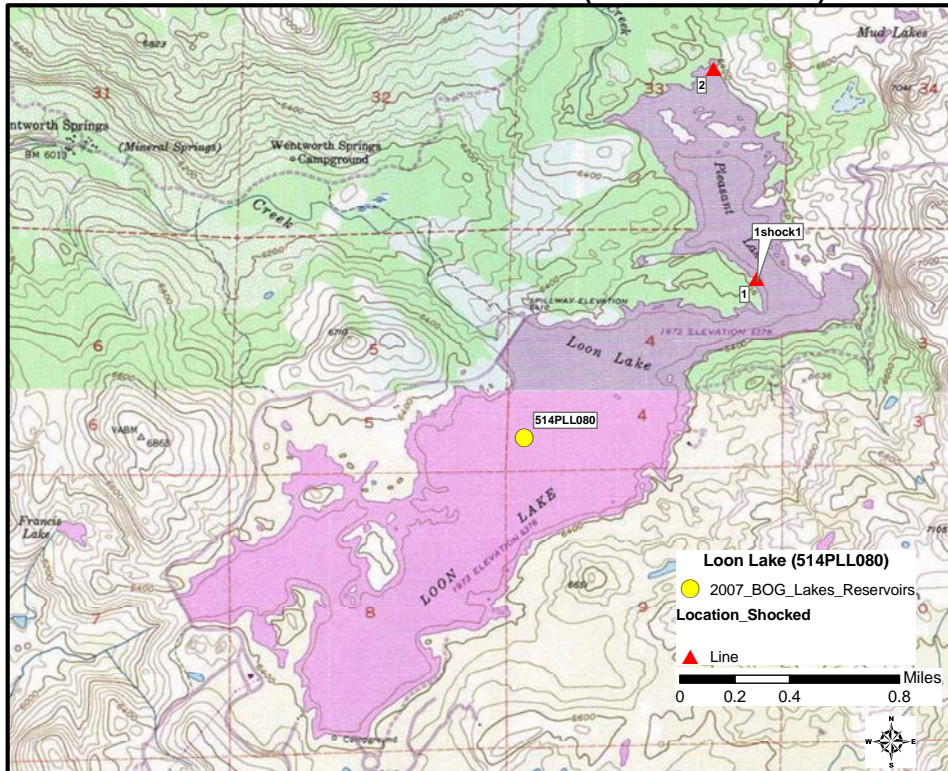
Largemouth Bass											
<b>TL (mm)</b>	214	225	376	419	420	421	422	434	461	483	506
<b>Tag #</b>	8825	8824	8821	8820	8817	8818	8823	8819	8822	8816	8815

Carp										
<b>TL (mm)</b>	448	471	474	476	480	492	495	520	540	576
<b>Tag #</b>	8828	8830	8826	8829	8827	8832	8834	8831	8835	8833

**Comments:** The sampling vessel was launched from a concrete ramp. Two species of fish were collected using the electrofisher boat. A sample for both species was collected: largemouth bass (11 fish) and carp (10 fish). No other fish were present.

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## 2007 BOG Loon Lake (514PLL080)



**Latitude:** 38.99739

**Longitude:** -120.30932

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** November 5, 2007 (Trip 22)

**Samplers:** Dylan Service, Kyle Skaff

**Fish caught:**

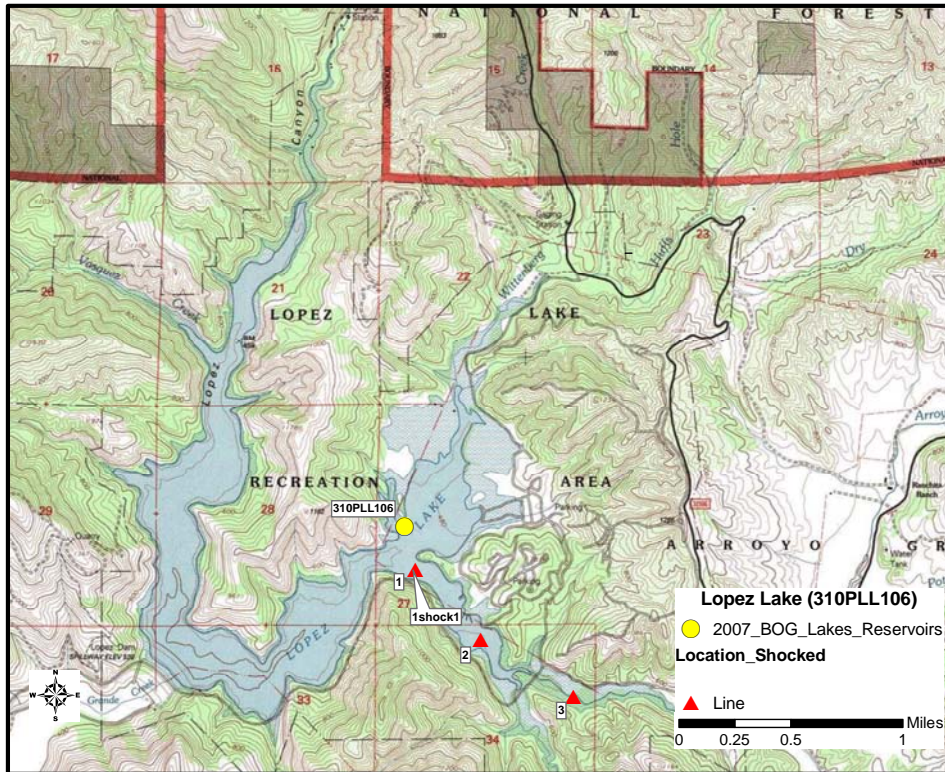
Brown Trout										
<b>TL (mm)</b>	385	397	407	415	426	441	443	450	462	471
<b>Tag #</b>	09349	09352	09353	09351	09346	09350	09347	09348	09345	09344

**Comments:** The sampling vessel was launched from the lake's bank. A sample of brown trout (10 fish) was collected using the electrofisher boat. No bottom species were collected. Rainbow trout was the only other fish seen.

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## 2007 BOG Lopez Lake (310PLL106)



**Latitude:** 35.19732

**Longitude:** -120.46879

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** March 10, 2008 (Trip 27)

**Samplers:** Gary Ickikawa, John Negrey

**Fish caught:**

Largemouth Bass											
<b>TL (mm)</b>	254	302	304	314	335	350	379	387	393	450	498
<b>Tag #</b>	10271	10270	10269	10268	10267	10264	10263	10265	10266	10261	10262

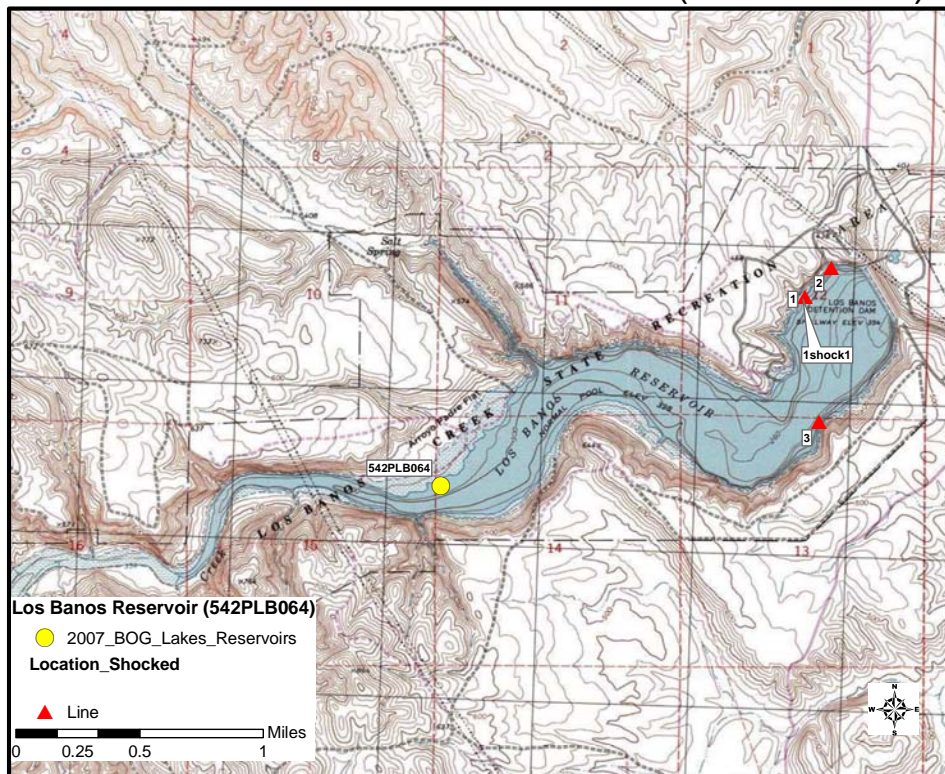
Sacramento Sucker										
<b>TL (mm)</b>	398	403	412	419	420	428	431	436	451	460
<b>Tag #</b>	10258	10256	10251	10259	10252	10260	10257	10255	10253	10254

**Comments:** The sampling vessel was launched from a concrete launch ramp at the park entrance. Two species of fish were collected using the electrofisher boat. A sample for

both species was collected: largemouth bass (11 fish) and Sacramento sucker (10 fish). Rainbow trout and redear sunfish were the only other fish seen.

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## 2007 BOG Los Banos Reservoir (542PLB064)



**Latitude:** 36.97989

**Longitude:** -120.96352

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** July 18, 2007 (Trip 7)

**Samplers:** Billy Jakl, Sean Mundell

**Fish caught:**

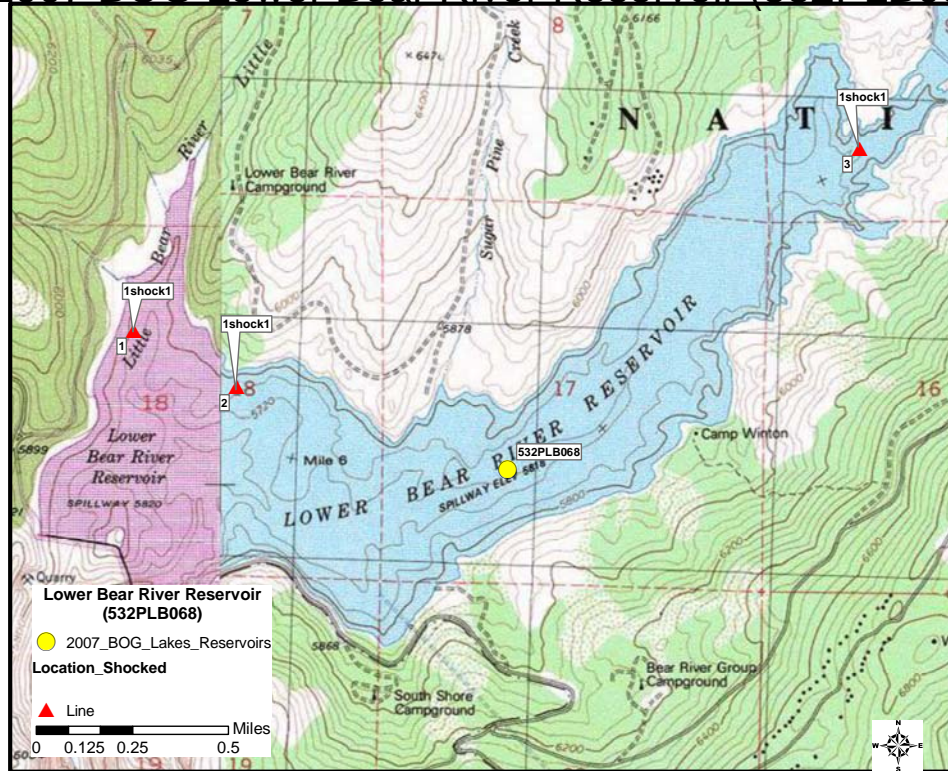
Largemouth Bass											
<b>TL (mm)</b>	230	245	276	290	313	333	339	360	390	431	607
<b>Tag #</b>	6830	6831	6832	6833	6836	6838	6837	6839	6840	6834	6835

**Comments:** The sampling vessel was launched from a concrete launch ramp at the main entrance to the park. A sample of largemouth bass (11 fish) was collected using the electrofisher boat. No bottom species were collected. Bluegill, Sacramento sucker, and redear sunfish were the only other fish seen.

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## 2007 BOG Lower Bear River Reservoir (532PLB068)



**Latitude:** 38.54213

**Longitude:** -120.23716

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** October 10, 2007 (Trip 18)

**Samplers:** Billy Jakl, Dylan Service

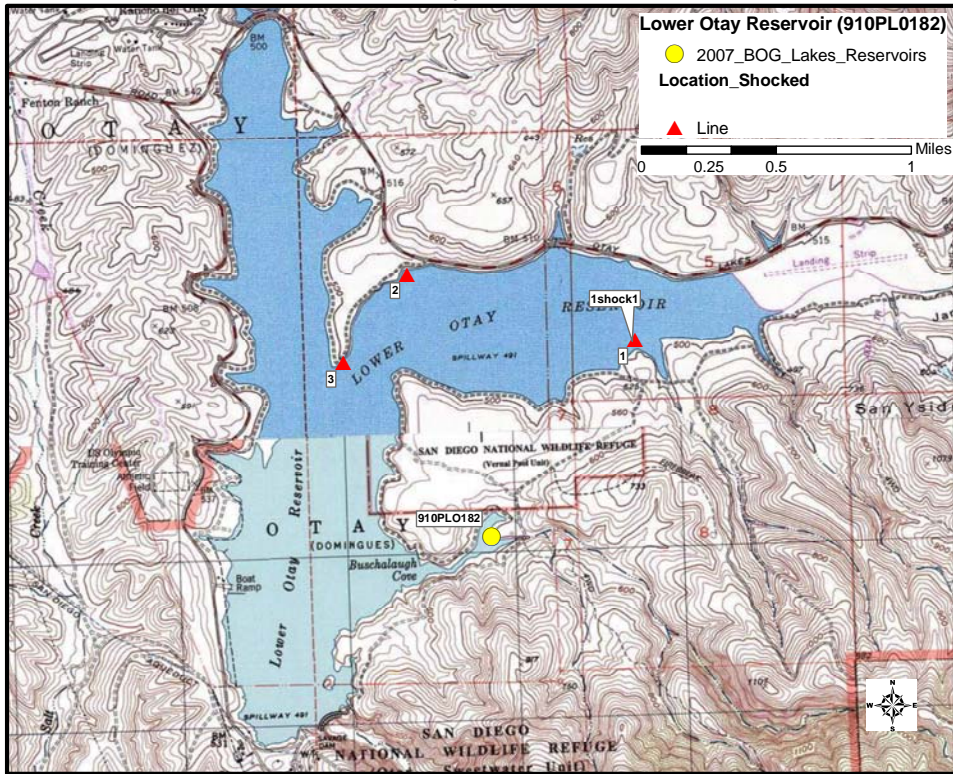
**Fish caught:**

Rainbow Trout							
<b>TL (mm)</b>	262	297	362	429	551	572	586
<b>Tag #</b>	8348	8347	8349	8346	8345	8344	8343

**Comments:** The sampling vessel was launched from the bank. A sample of rainbow trout (7 fish) was collected using the electrofisher boat. No bottom species were collected. The entire lake was shocked and no other fish were present

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## 2007 BOG Lower Otay Reservoir (910PL0182)



**Latitude:** 32.61935

**Longitude:** -116.91625

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** August 28, 2007 (Trip 13)

**Samplers:** Sean Mundell, Steve Martenuk

**Fish caught:**

Largemouth Bass											
<b>TL (mm)</b>	265	286	315	320	320	325	325	355	365	390	390
<b>Tag #</b>	09323	09324	09322	09318	09320	09319	09321	09317	09316	09313	09315

Largemouth Bass					
<b>TL (mm)</b>	400	400	410	520	525
<b>Tag #</b>	09312	09314	09325	09311	09310

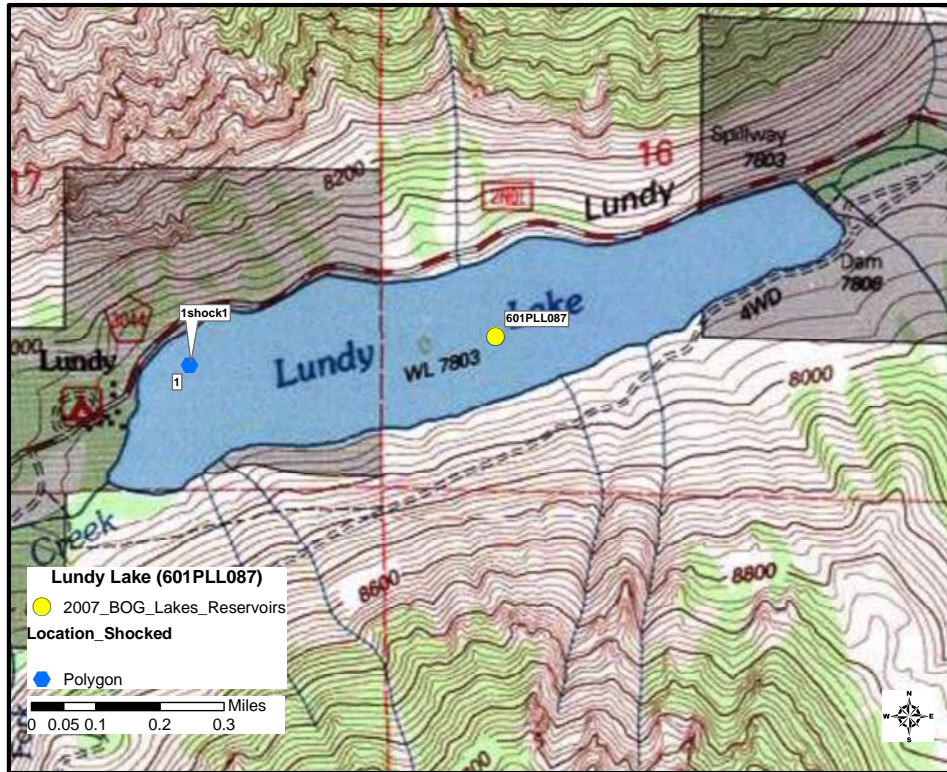


Carp										
<b>TL (mm)</b>	520	540	550	585	595	600	615	620	625	630
<b>Tag #</b>	09306	09302	09305	09300	09301	09307	09308	09304	09303	09309

**Comments:** The sampling vessel was launched from a concrete launch ramp. Two species of fish were collected using the electrofisher boat. A sample for both species was collected: largemouth bass (16 fish) and carp (10 fish). No other fish were present.

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## 2007 BOG Lundy Lake (601PLL087)



**Latitude:** 38.02904

**Longitude:** -119.22964

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** November 7, 2007 (Trip 22)

**Samplers:** Dylan Service, Kyle Skaff

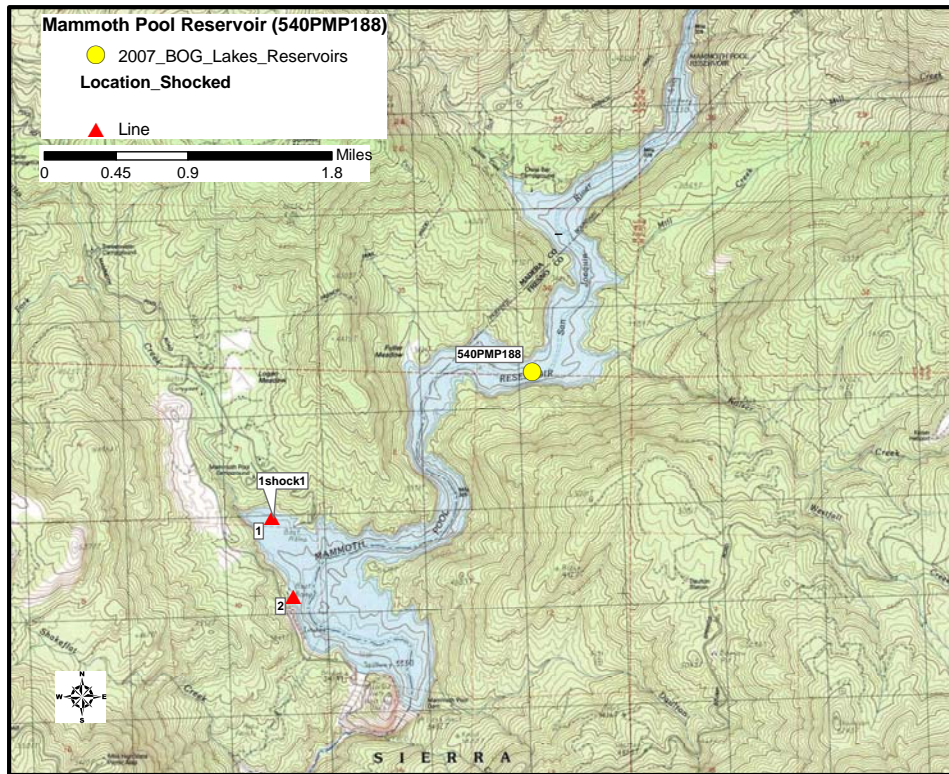
**Fish caught:**

Rainbow Trout										
<b>TL (mm)</b>	420	495	509	512	525	536	538	575	587	598
<b>Tag #</b>	09334	09342	09340	09339	09341	09338	09343	09337	09336	09335

**Comments:** The sampling vessel was launched from a concrete ramp. A sample of rainbow trout (10 fish) was collected using the electrofisher boat. No bottom species were collected.

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## 2007 BOG Mammoth Pool Reservoir (540PMP188)



**Latitude:** 37.35336

**Longitude:** -119.30263

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** May 23, 2007 (FMP/BOG)

**Samplers:** Gary Ichikawa, Kyle Skaff

**Fish caught:**

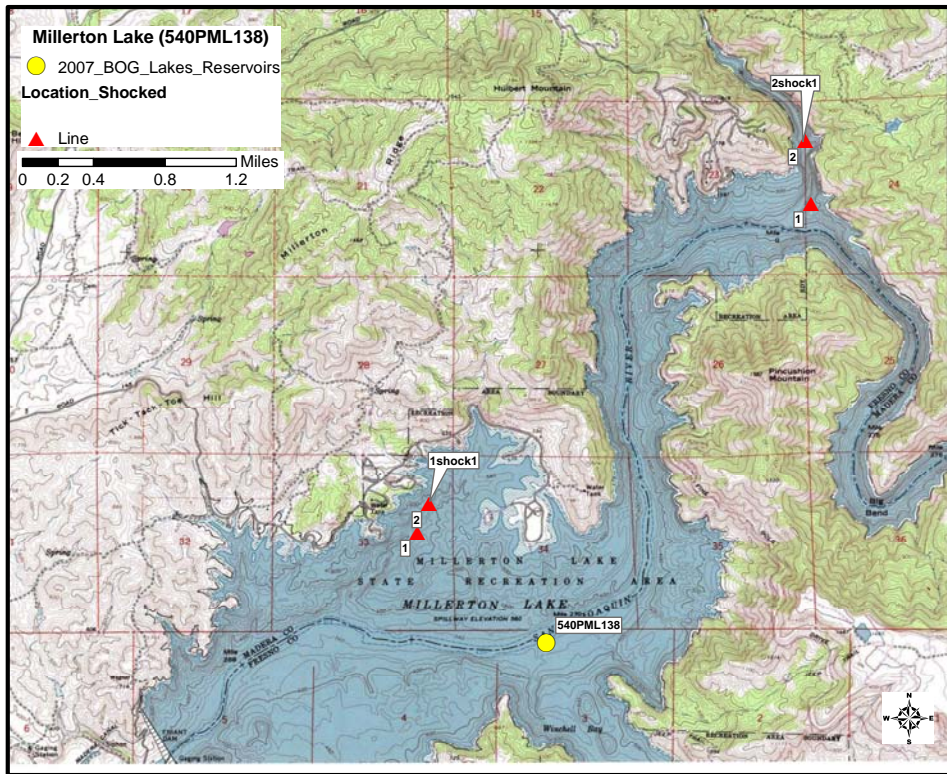
Rainbow Trout										
<b>TL (mm)</b>	184	220	227	241	251	266	296	353	362	367
<b>Tag #</b>	6315	6317	6316	6319	6318	6320	6321	6324	6322	6323

**Comments:** The sampling vessel was launched from a small ramp at the Mammoth Pool campground. A key was needed to enter site, Ranger Philip 559-877-2218. A sample of rainbow trout (10 fish) was collected using the electrofisher boat. No bottom species were collected. One brown bullhead was the only other fish seen.

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## 2007 BOG Millerton Lake (540PML138)



**Latitude:** 37.00971

**Longitude:** -119.66691

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** October 29, 2007 (Trip 21)

**Samplers:** Gary Ichikawa, Jon Geotzl

**Fish caught:**

Location 1: Largemouth Bass											
TL (mm)	231	232	273	291	308	326	341	353	399	419	427
Tag #	8762	8763	8764	8765	8766	8768	8767	8769	8770	8771	8772

Location 2: Largemouth Bass											
TL (mm)	257	294	320	331	357	359	372	379	380	408	426
Tag #	8773	8774	8775	8776	8778	8779	8777	8780	8781	8782	8783

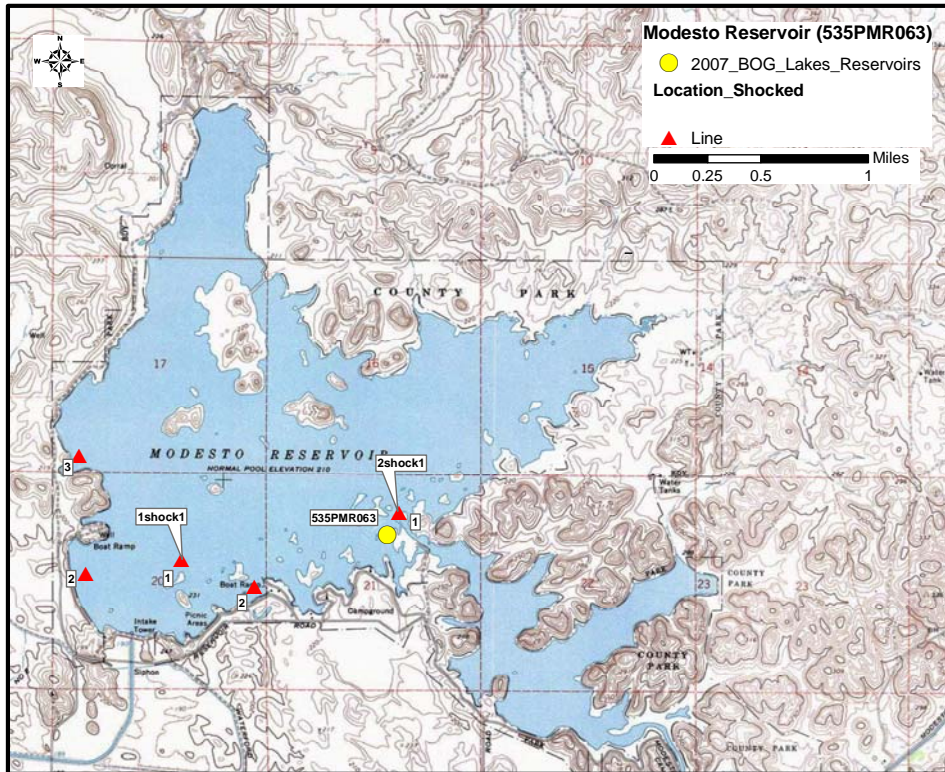
Location 3: Largemouth Bass											
<b>TL (mm)</b>	236	238	259	293	329	341	344	364	387	409	424
<b>Tag #</b>	8785	8784	8787	8786	8789	8790	8788	8791	8792	8794	8793

**Comments:** The sampling vessel was launched from a concrete launch ramp. Three locations were sampled using the electrofisher boat. A sample of largemouth bass (1 fish) was collected at each location. No other fish were present.

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## 2007 BOG Modesto Reservoir (535PMR063)



**Latitude:** 37.66293

**Longitude:** -120.65368

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** May 15, 2007 (FMP)

**Samplers:** Dylan Service, Steve Martenuk

**Fish caught:**

Location 1: Largemouth Bass											
<b>TL (mm)</b>	224	241	273	284	307	314	321	335	365	422	470
<b>Tag #</b>	2435	2436	2437	2438	2439	2440	2441	2442	2443	2446	2445

Location 1: Rainbow Trout						
<b>TL (mm)</b>	228	285	334	335	364	376
<b>Tag #</b>	2428	2426	2429	2427	2430	2431

Location 1: Carp					
TL (mm)	515	530	568	628	661
Tag #	2421	2422	2423	2424	2425

Location 1: Brown Bullhead			
TL (mm)	310	310	370
Tag #	2432	2433	2434

**Comments:** The sampling vessel was launched from a concrete launch ramp. Five species of fish were collected using the electrofisher boat. A sample for all the species was collected: largemouth bass (11 fish), rainbow trout (6 fish), brown bullhead (3 fish), bluegill (5 fish) and carp (5 fish). Extra fish were collected because this effort was also used in the Fish Mercury Project. The site was revisited for BOG sampling requirements.

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** August 29, 2007 (Trip 13)

**Samplers:** Billy Jakl, Dylan Service

**Fish caught:**

Location 1: Smallmouth Bass											
TL (mm)	242	247	249	251	263	272	276	279	283	316	347
Tag #	7809	7814	7807	7808	7813	7815	7811	7817	7810	7816	7812

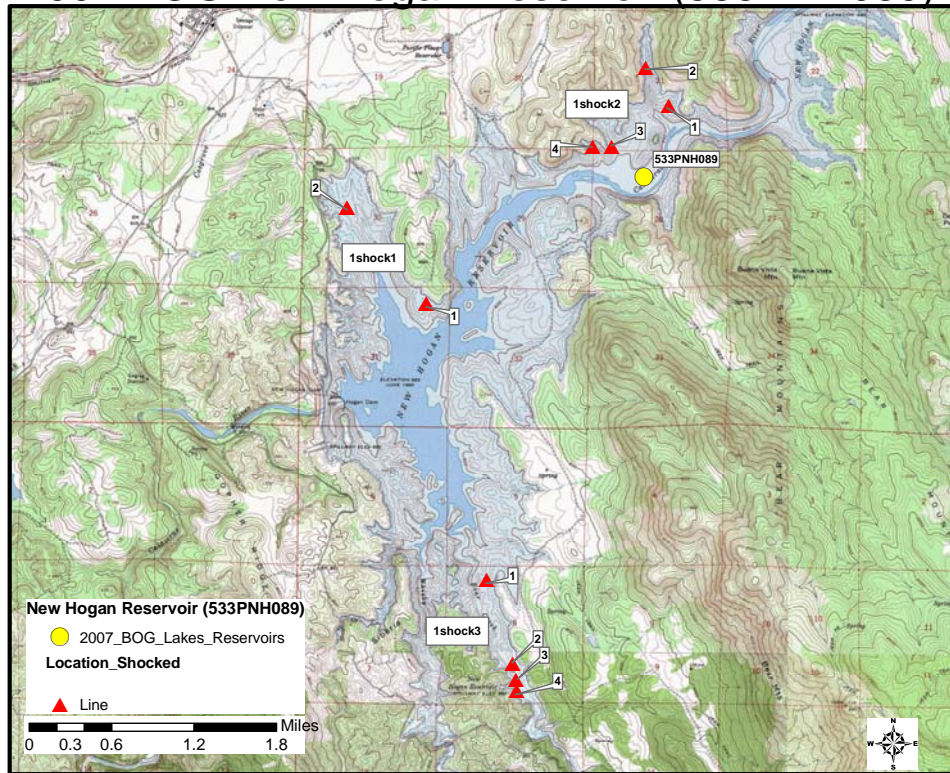
Location 2: Smallmouth Bass											
TL (mm)	236	244	259	263	309	311	313	332	334	357	396
Tag #	7796	7797	7798	7799	7801	7800	7802	7803	7804	7805	7806

Location 2: Carp					
TL (mm)	505	526	557	561	574
Tag #	7791	7792	7794	7793	7795

**Comments:** The sampling vessel was launched from a concrete launch ramp. Two locations were sampled using the electrofisher boat. A sample of smallmouth bass (11 fish) was collected at location one. At location two, a sample of largemouth bass (11 fish) and carp (5 fish) were collected. Bluegill was the only other fish seen.

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## 2007 BOG New Hogan Reservoir (533PNH089)



**Latitude:** 38.17504

**Longitude:** -120.77079

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** November 27-28, 2007 (Trip 25)

**Samplers:** Dylan Service, Billy Jakl

**Fish caught:**

Location 1: Largemouth Bass											
<b>TL (mm)</b>	209	232	264	291	314	346	351	357	359	381	387
<b>Tag #</b>	09439	09440	09441	09442	09443	09447	09448	09449	09445	09446	09444

Location 2: Largemouth Bass											
<b>TL (mm)</b>	224	237	246	266	319	322	330	339	349	381	437
<b>Tag #</b>	09455	09457	09456	09458	09460	09461	09459	09463	09462	09464	09465

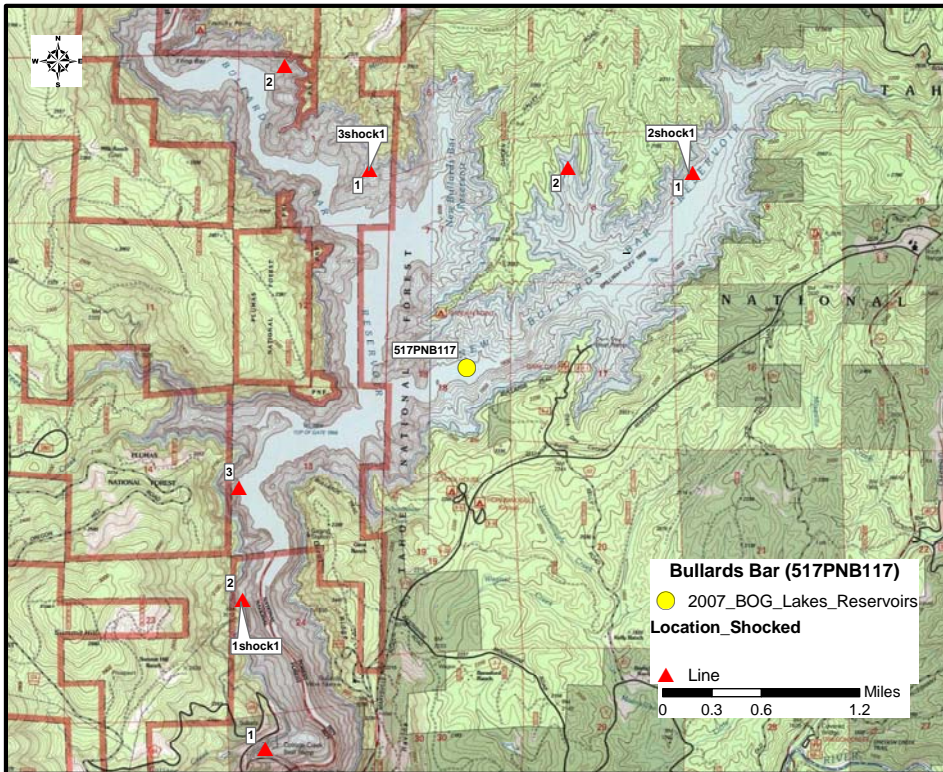
<b>Location 3: Largemouth Bass</b>											
<b>TL (mm)</b>	186	209	301	324	351	356	357	372	396	437	459
<b>Tag #</b>	09466	09467	09468	09469	09470	09471	09472	09473	09474	09475	09476

**Comments:** The sampling vessel was launched from a concrete ramp. Three locations were sampled using the electrofisher boat. A sample of largemouth bass (11 fish) was collected at each location. A few channel catfish and rainbow trout were the only other fish present.

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## 2007 BOG Bullards Bar (517PNB117)



**Latitude:** 39.42821

**Longitude:** -121.12186

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** March 11, 2008 (Trip 27)

**Samplers:** Billy Jakl, Dylan Service

**Fish caught:**

Location 1: Largemouth Bass											
TL (mm)	225	247	261	273	299	303	311	327	346	356	419
Tag #	09786	09785	09784	09783	09781	09782	09780	09778	09777	09779	09776

Location 2: Largemouth Bass											
TL (mm)	227	236	269	282	307	308	309	309	309	344	409
Tag #	09774	09775	09773	09772	09768	09770	09767	09769	09771	09766	09765

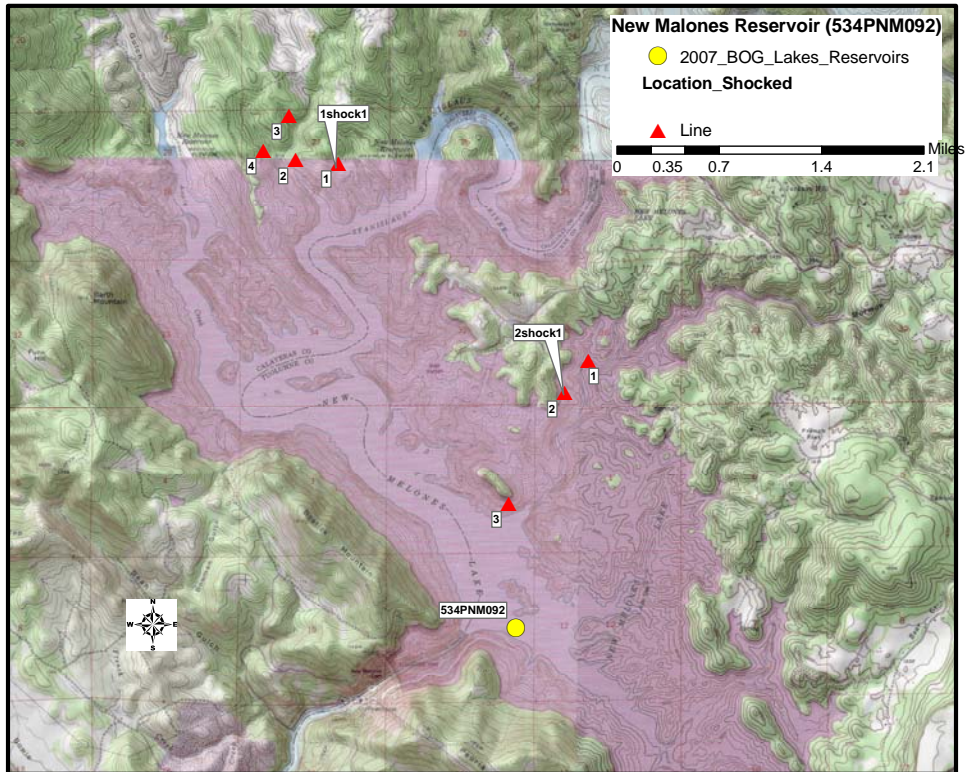


<b>Location 3: Largemouth Bass</b>											
<b>TL (mm)</b>	268	271	281	293	294	305	306	307	311	324	327
<b>Tag #</b>	09764	09763	09760	09761	09762	09758	09754	09759	09757	09756	09755

**Comments:** The sampling vessel was launched from a concrete launch ramp at the Emerald Cove Resort and Marina. Three locations were sampled using the electrofisher boat. A sample of largemouth bass (11 fish) was collected at each location. Smallmouth bass and brown trout were the only other fish present.

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## 2007 BOG New Malones Reservoir (534PNM092)



**Latitude:** 37.95355

**Longitude:** -120.50862

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** November 28, 2007 (Trip 25)

**Samplers:** Dylan Service, Billy Jakl

**Fish caught:**

Location 1: Largemouth Bass											
<b>TL (mm)</b>	361	389	401	407	411	436	464	472	491	501	524
<b>Tag #</b>	09490	09489	09482	09491	09488	09492	09483	09484	09486	09485	09487

Location 2: Largemouth Bass											
<b>TL (mm)</b>	271	281	282	298	304	310	319	324	344	357	430
<b>Tag #</b>	09627	09498	09626	09499	09500	09631	09628	09630	09629	09632	09633

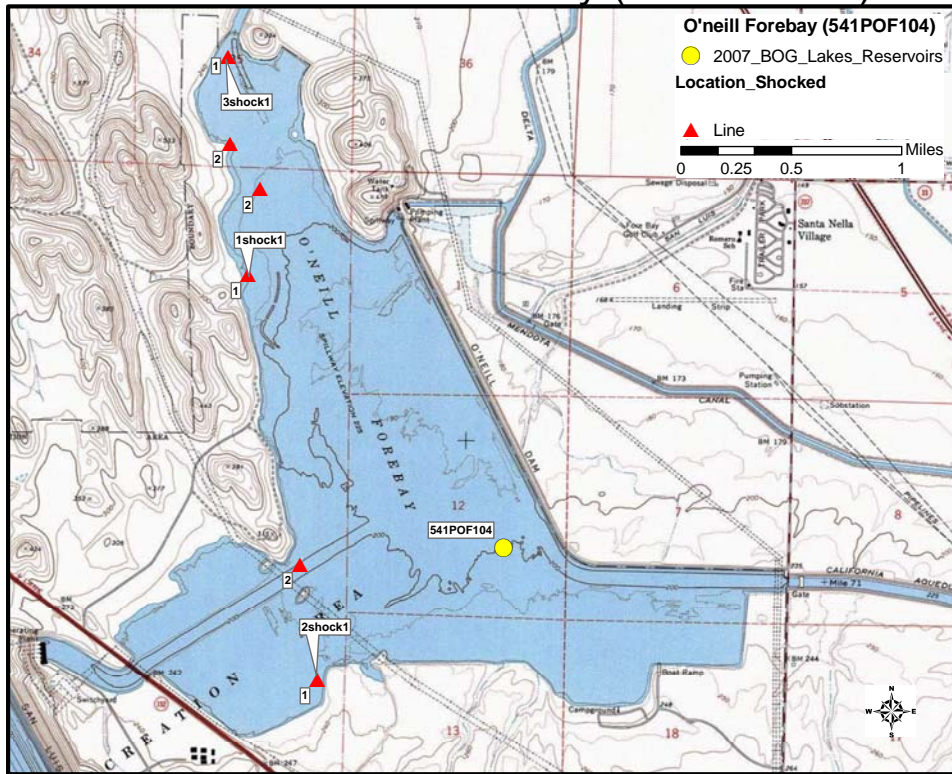
Location 1: Carp					
<b>TL (mm)</b>	547	590	591	599	610
<b>Tag #</b>	09479	09480	09477	09481	09478

Location 2: Carp					
<b>TL (mm)</b>	506	512	538	561	603
<b>Tag #</b>	09495	09496	09497	09493	09494

**Comments:** The sampling vessel was launched from a concrete ramp. Two locations were sampled using the electrofisher boat. A sample of largemouth bass (11 fish) and carp (5 fish) were collected at each location. Channel catfish and rainbow trout were the only other fish present.

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## 2007 BOG O'Neill Forebay (541POF104)



**Latitude:** 37.07624

**Longitude:** -121.03940

**Date (s) of Collection:** May 30, 2007 (FMP)

**Samplers:** Billy Jakl, Kyle Skaff

**Fish caught:**

Location 1: Largemouth Bass							
<b>TL (mm)</b>	284	299	379	407	450	462	498
<b>Tag #</b>	6382	6381	6379	6380	6377	6376	6378

Location 1: Striped Bass									
<b>TL (mm)</b>	496	511	519	532	538	547	554	566	566
<b>Tag #</b>	6375	6369	6370	6374	6371	6366	6372	6367	6368

Location 1: Bluegill	
<b>TL (mm)</b>	172
<b>Tag #</b>	6386



Location 1: Tule Perch			
TL (mm)	176	205	214
Tag #	6383	6384	6385

Location 1: Channel Catfish										
TL (mm)	423	435	468	504	525	530	562	589	589	688
Tag #	6395	6396	6393	6392	6390	6394	6391	6387	6389	6388

**Comments:** The sampling vessel was launched from a concrete launch ramp. Five species of fish were collected using the electrofisher boat. A sample for all the species was collected: largemouth bass (7 fish), striped bass (9 fish), channel catfish (10 fish), bluegill (1 fish) and tule perch (3 fish). Extra fish were collected because this effort was also used in the Fish Mercury Project. The site was revisited for BOG sampling requirements.

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** September 5, 2007 (Trip 14)

**Samplers:** Dylan Service, Gary Ichikawa

**Fish caught:**

Location 1: Largemouth Bass					
TL (mm)	222	223	309	326	369
Tag #	7972	7971	7973	7974	7975

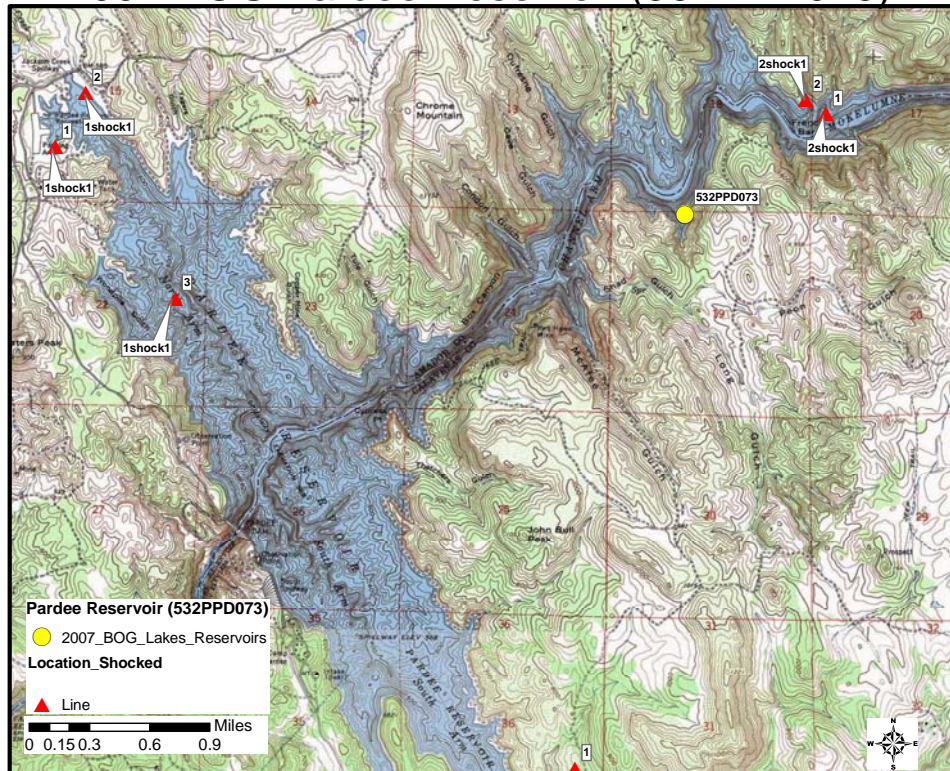
Location 2: Largemouth Bass											
TL (mm)	214	232	261	289	347	351	353	369	392	404	414
Tag #	7983	7984	7985	7986	7987	7989	7988	7990	7991	7992	7993

Location 2: Striped Bass							
TL (mm)	497	499	544	549	559	564	576
Tag #	7979	7977	7980	7976	7982	7978	7981

**Comments:** The sampling vessel was launched from a concrete launch ramp at the main entrance. Two locations were sampled using the electrofisher boat. A sample of largemouth bass (5 fish) was collected at the first location. A sample of largemouth bass (11 fish) and striped bass (7 fish) were collected at the second location. Crappie was the only other fish present.

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## 2007 BOG Pardee Reservoir (532PPD073)



**Latitude:** 38.28005

**Longitude:** -120.80973

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** November 27, 2007 (Trip 25)

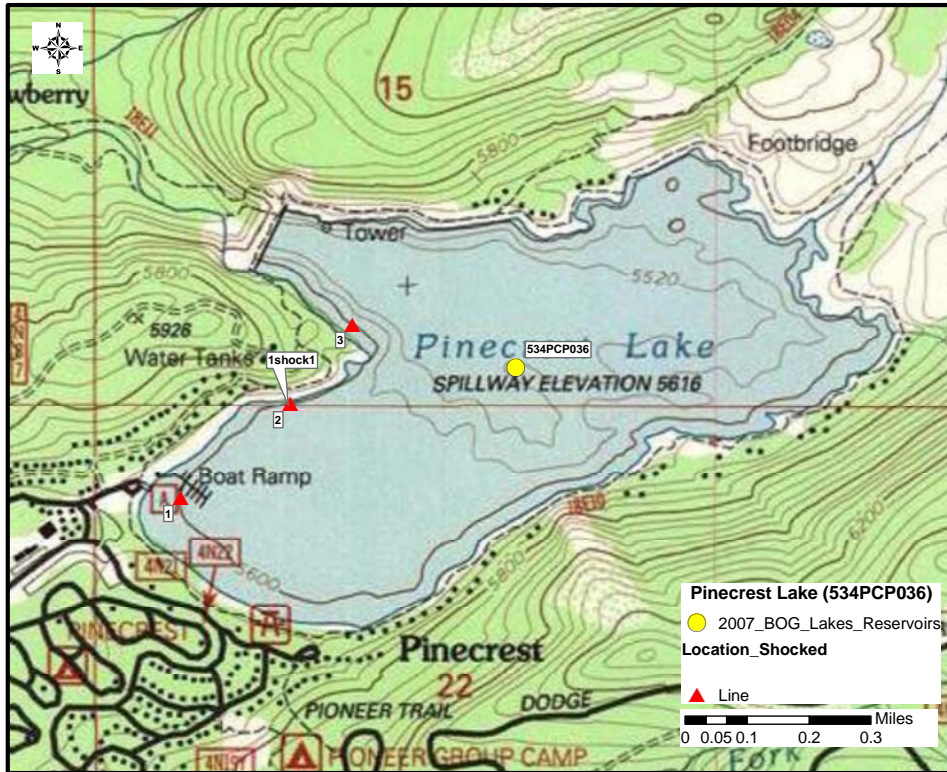
**Samplers:** Billy Jakl, Dylan Service

**Fish caught:** No Fish were collected

**Comments:** The sampling vessel was launched from a concrete ramp. Most of the reservoir was shocked. No fish were seen.

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## 2007 BOG Pinecrest Lake (534PCP036)



**Latitude:** 38.19638

**Longitude:** -119.98196

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** September 27, 2007 (Trip 17)

**Samplers:** Billy Jakl, Kyle Skaff

**Fish caught:**

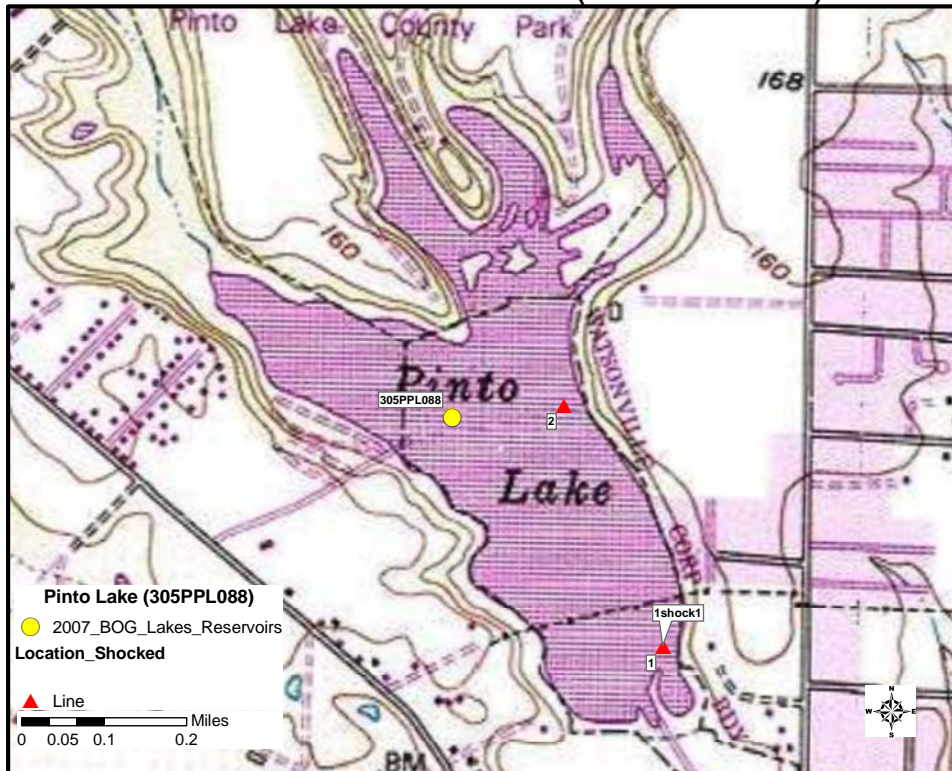
Rainbow Trout										
<b>TL (mm)</b>	260	264	266	270	281	281	283	286	325	332
<b>Tag #</b>	8301	8300	8299	8298	8294	8297	8296	8295	8293	8292

**Comments:** The sampling vessel was launched from a concrete ramp. A sample of rainbow trout (10 fish) was collected using the electrofisher boat. No bottom species were collected. No other fish were present.

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## 2007 BOG Pinto Lake (305PPL088)



**Latitude:** 36.95596

**Longitude:** -121.77254

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** July 25, 2007 (Trip 8)

**Samplers:** John Negrey, Steve Martenuk

**Fish caught:**

Largemouth Bass											
<b>TL (mm)</b>	205	220	302	304	320	340	345	365	365	480	485
<b>Tag #</b>	2854	2855	2857	2856	2858	2861	2862	2859	2860	2863	2864

Carp										
<b>TL (mm)</b>	615	645	650	655	665	665	670	675	680	680
<b>Tag #</b>	2874	2870	2871	2869	2865	2867	2873	2868	2866	2872

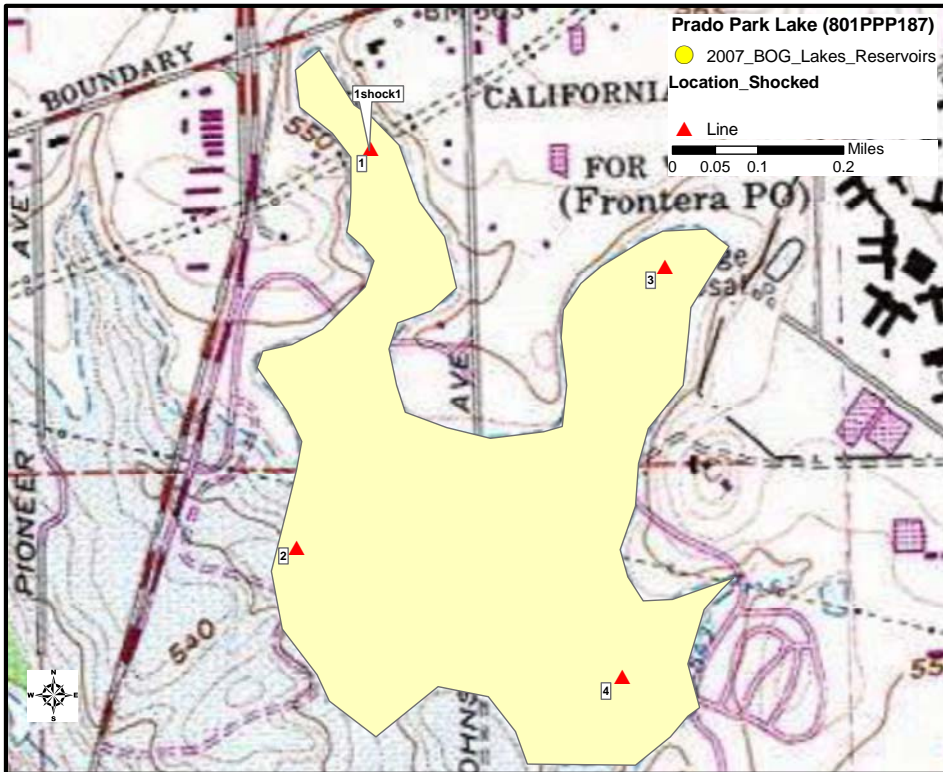
**Comments:** The sampling vessel was launched from a concrete ramp at the main entrance. Two species of fish were collected using the electrofisher boat. A sample for

both species was collected: largemouth bass (11 fish) and carp (10 fish). Bluegill was the only other fish present.

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## 2007 BOG Prado Park Lake (801PPP187)



**Latitude:** 33.89102

**Longitude:** -117.64205

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** August 21, 2007 (Trip 12)

**Samplers:** Billy Jakl, Sean Mundell

**Fish caught:**

Largemouth Bass									
TL (mm)	154	292	294	303	320	320	324	325	330
Tag #	8041	8030	8040	8039	8029	8034	8035	8038	8028

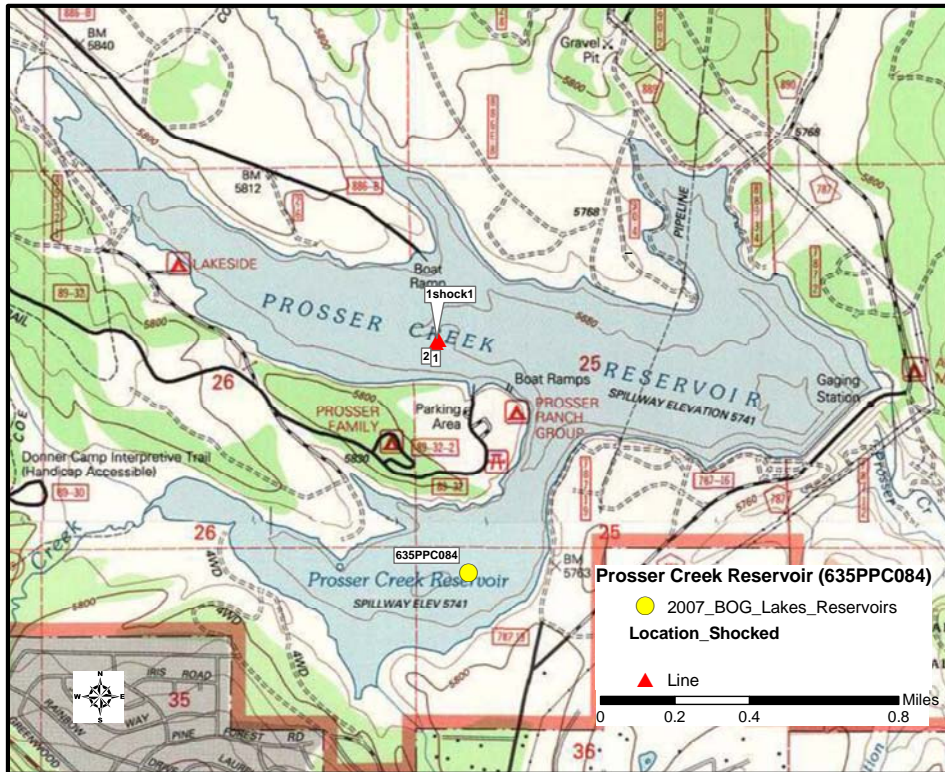
Largemouth Bass								
TL (mm)	330	330	340	345	356	375	380	390
Tag #	8036	8037	8033	8032	8031	8026	8027	8025

Carp										
<b>TL (mm)</b>	475	485	490	505	510	510	510	510	515	520
<b>Tag #</b>	8050	8046	8701	8047	8042	8043	8048	8049	8045	8044

**Comments:** The sampling vessel was launched from a concrete launch ramp. Two species of fish were collected using the electrofisher boat. A sample for both species was collected: largemouth bass (17 fish) and carp (10 fish). Other fish present were: bluegill, goldfish, blue catfish and threadfin shad.

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## 2007 BOG Prosser Creek Reservoir (635PPC084)



**Latitude:** 39.37293

**Longitude:** -120.15772

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** October 22, 2007 (Trip 20)

**Samplers:** Dylan Service, John Negrey

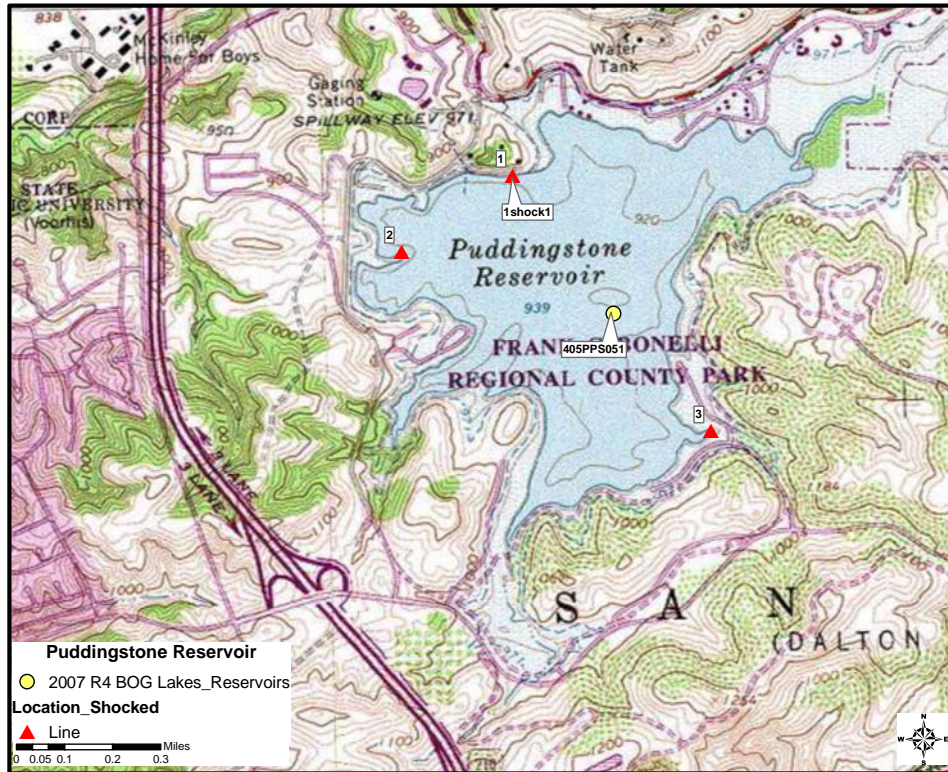
**Fish caught:**

Rainbow Trout										
<b>TL (mm)</b>	327	329	334	336	342	346	349	352	352	391
<b>Tag #</b>	9056	9059	9062	9054	9063	9057	9061	9058	9060	9055

**Comments:** The sampling vessel was launched from the bank. A sample of rainbow trout (10 fish) was collected using the electrofisher boat. No bottom species were collected.

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2007 R4 BOG Puddingstone Reservoir (405PPS051)



**Latitude:** 34.08616

**Longitude:** -117.80300

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** June 6, 2007 (Trip 1)

**Samplers:** Billy Jakl, John Negrey

**Fish caught:**

Largemouth Bass											
<b>TL (mm)</b>	200	220	255	258	317	351	365	365	367	370	371
<b>Tag #</b>	6528	6527	6526	6523	6519	6514	6511	6520	6516	6515	6518

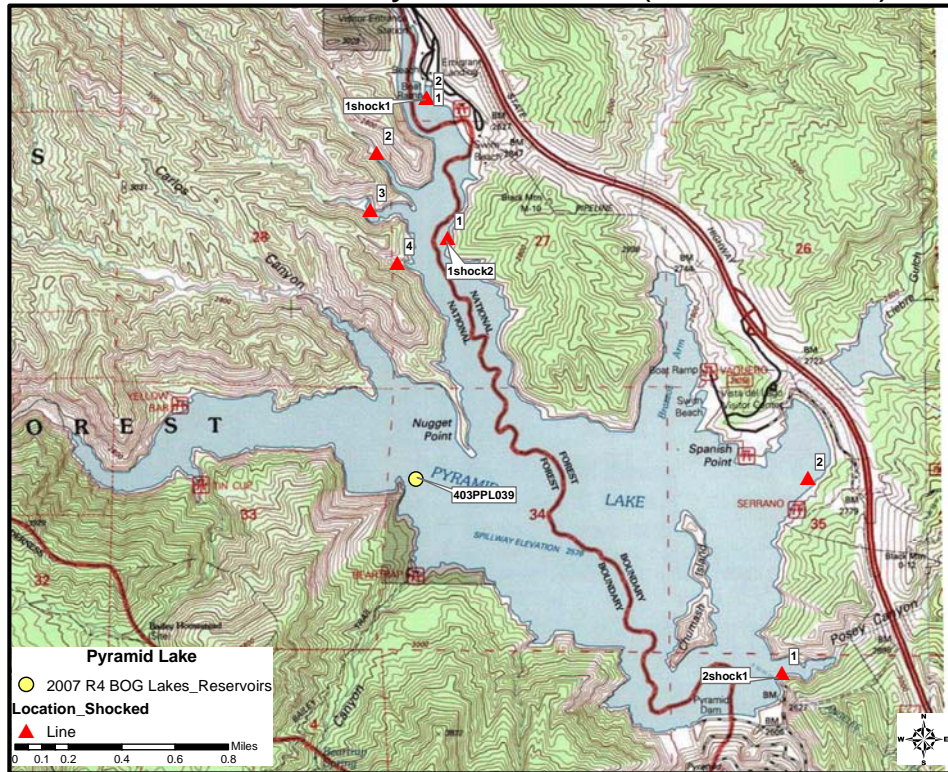
Largemouth Bass					
<b>TL (mm)</b>	375	385	387	432	598
<b>Tag #</b>	6512	6513	6517	6521	6522

**Comments:** The sampling vessel was launched from the launch ramp at the park entrance. One species of fish was collected using the electrofisher boat. A sample of sixteen individual largemouth bass was collected. No bottom fish were found. Low in water vegetation may have contributed to the lack of bottom fish seen. Threadfin shad and bluegill were the only other fish seen.

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## 2007 R4 BOG Pyramid Lake (403PPL039)



**Latitude:** 34.6573

**Longitude:** -118.78457

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** June 11, 2007 (Trip 2)

**Samplers:** Dylan Service, John Negrey

**Fish caught:**

Location 1: Largemouth Bass											
TL (mm)	200	207	271	274	336	354	356	364	394	411	414
Tag #	4867	4866	4873	4874	4870	4872	4868	4869	4871	4865	4864

Location 2: Largemouth Bass											
TL (mm)	246	249	263	281	332	349	361	363	378	411	496
Tag #	4878	4877	4885	4884	4883	4882	4879	4881	4880	4876	4875

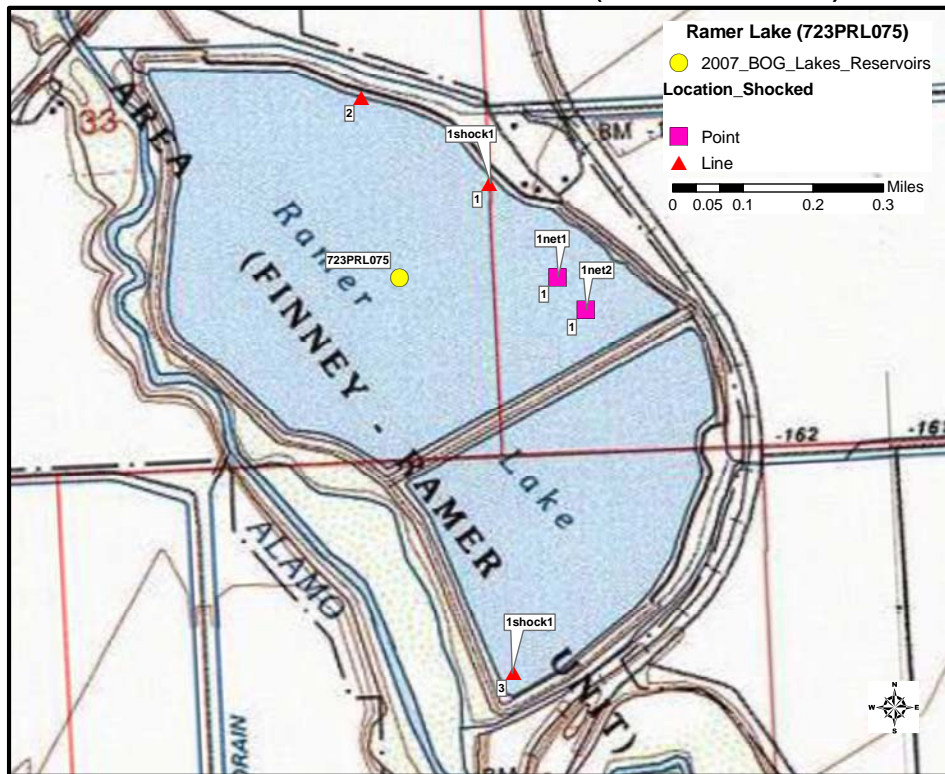
Location 1: Brown Bullhead					
<b>TL (mm)</b>	314	314	316	319	333
<b>Tag #</b>	4887	4889	4890	4886	4888

Location 2: Brown Bullhead					
<b>TL (mm)</b>	341	361	401	414	417
<b>Tag #</b>	4895	4892	4896	4891	4893

**Comments:** The sampling vessel was launched from a concrete ramp at the entrance. Two locations were sampled using the electorfisher boat. A sample of largemouth bass (11 fish) and brown bullhead (5 fish) were collected at both locations. Channel catfish were the only other fish seen.

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## 2007 BOG Ramer Lake (723PRL075)



**Latitude:** 33.07869

**Longitude:** -115.51261

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** August 29, 2007 (Trip 13)

**Samplers:** Sean Mundell, Steve Martenuk

**Fish caught:**

Largemouth Bass			
TL (mm)	333	340	525
Tag #	09296	09297	09298

Carp	
TL (mm)	685
Tag #	09299

**Comments:** The sampling vessel was launched from a concrete launch ramp. Two species of fish were collected using the electrofisher boat. A sample for both species was

collected: largemouth bass (3 fish) and carp (1 fish). Lots of bass and small carp, but the salinity of the water caused the electrofisher to fail. Brown bullheads were the only other fish seen. Site need to be revisited.

**Collection Method:** Gill Net

**Date (s) of Collection:** October 30, 2007 (Trip 21)

**Samplers:** Glen Sibald, Matt Rock

**Fish caught:**

<b>Black Crappie</b>										
<b>TL (mm)</b>	274	289	294	294	305	310	275	288	290	301
<b>Tag #</b>	14057	14060	14056	14061	14058	14059	14064	14063	14065	14062

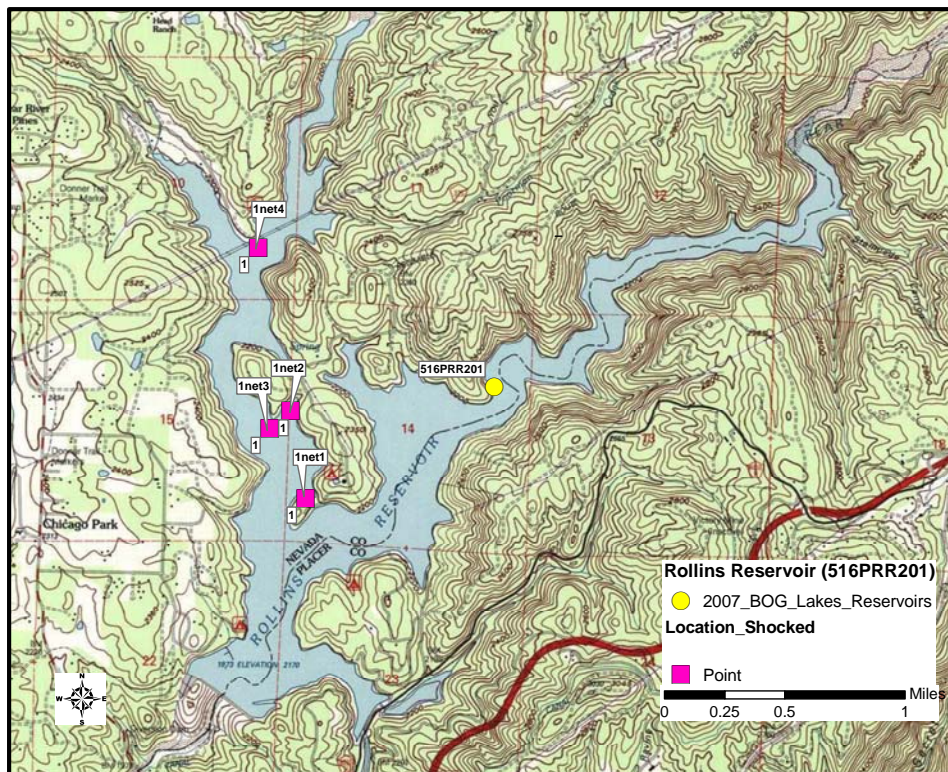
<b>Carp</b>										
<b>TL (mm)</b>	348	357	357	364	368	370	370	377	395	402
<b>Tag #</b>	14075	14069	14073	14074	14071	14070	14072	14066	14067	14068

**Comments:** The sampling vessel was launched from a concrete ramp. Two species of fish were collected using two (2" mesh) gill nets. A sample was collected for both species: crappie (10 fish) and carp (10 fish). The nets soaked for seven hours. No other fish were present

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## 2007 BOG Rollins Reservoir (516PRR201)



**Latitude:** 39.15458

**Longitude:** -120.93195

**Collection Method:** Gill Net

**Date (s) of Collection:** November 27-28, 2007 (Trip 25)

**Samplers:** Glen Sibald, Matt Rock

**Fish caught:**

Smallmouth Bass										
<b>TL (mm)</b>	302	340	350	367	373	383	383	400	402	402
<b>Tag #</b>	14121	14115	14122	14116	14114	14113	14117	14118	14119	14120

Sacramento Sucker					
<b>TL (mm)</b>	485	492	522	366	378
<b>Tag #</b>	14124	14125	14123	14126	14127

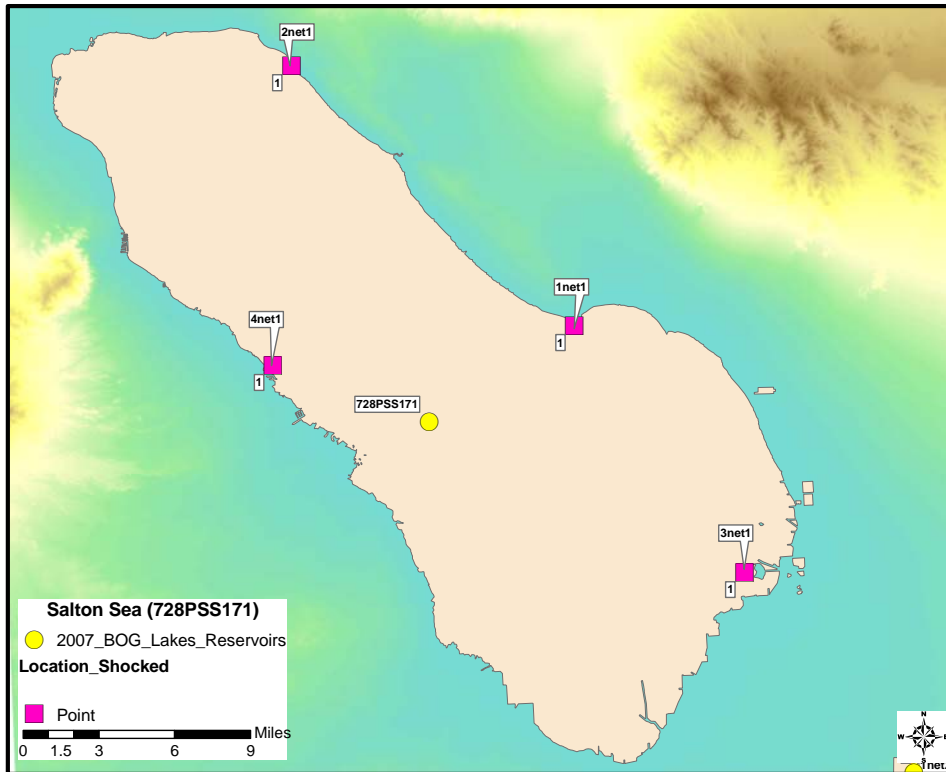
**Comments:** The sampling vessel was launched from the bank. Two species were collected using four (1.5" to 2" mesh) gill nets. A sample for both species was collected:



smallmouth bass (10 fish) and Sacramento sucker (5 fish). The nets soaked overnight and were retrieved on the 28th.

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## 2007 BOG Salton Sea (728PSS171)



**Latitude:** 33.29287

**Longitude:** -115.83236

**Collection Method:** Gill Net

**Date (s) of Collection:** October 31, 2007 (Trip 21)

**Samplers:** Glen Sibald, Matt Rock

**Fish caught:**

Location 1: Tilapia					
<b>TL (mm)</b>	271	271	280	296	299
<b>Tag #</b>	14034	14029	14025	14028	14026

Location 2: Tilapia					
<b>TL (mm)</b>	253	268	274	277	277
<b>Tag #</b>	14047	14048	14050	14046	14049

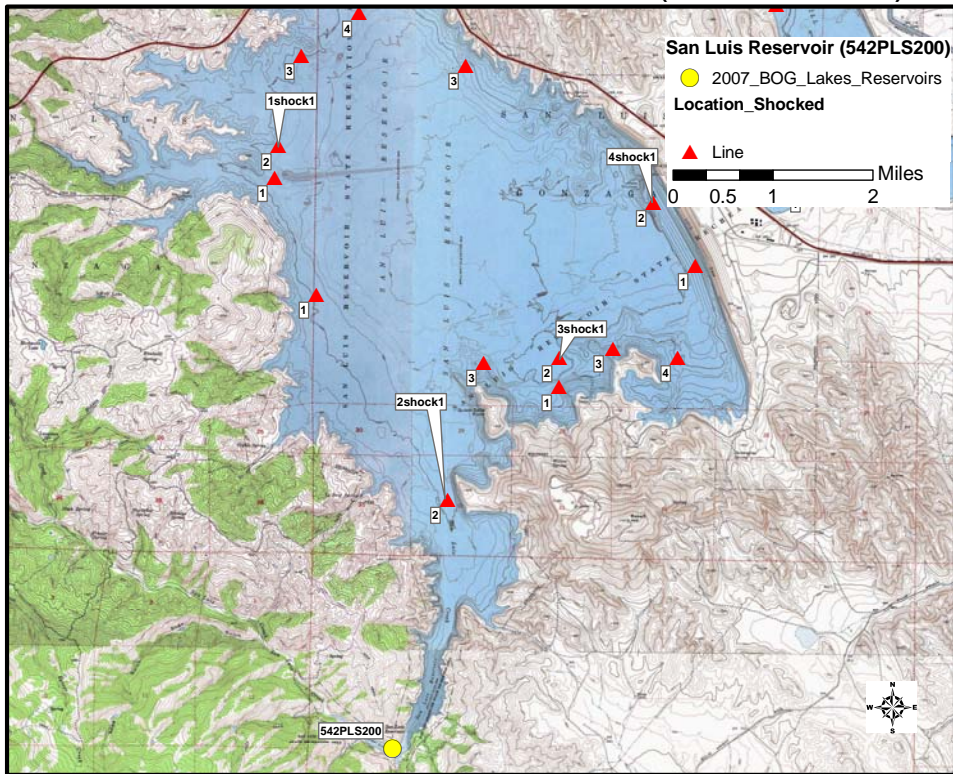
Location 3: Tilapia					
<b>TL (mm)</b>	273	275	278	280	290
<b>Tag #</b>	14054	14053	14055	14051	14052

Location 4: Tilapia					
<b>TL (mm)</b>	265	268	274	280	281
<b>Tag #</b>	14088	14087	14089	14085	14086

**Comments:** The sampling vessel was launched from a concrete ramp. Four locations were sampled using (2" mesh) gill nets. A sample of tilapia (5 fish) was collected at each location. The nets were allowed to soak for 2 to 4 hours over four days. Each location was sampled once and no other fish were present.

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## 2007 BOG San Luis Reservoir (542PLS200)



**Latitude:** 36.98561

**Longitude:** -121.12861

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** August 27, 2007 (Trip 13)

**Samplers:** Billy Jakl, Dylan Service

**Fish caught:**

Location 1: Largemouth Bass											
<b>TL (mm)</b>	191	218	231	238	238	259	261	266	272	306	311
<b>Tag #</b>	7677	7678	7681	7679	7684	7680	7683	7682	7691	7690	7687

Location 1: Largemouth Bass				
<b>TL (mm)</b>	312	319	324	329
<b>Tag #</b>	7685	7686	7689	7688



Location 1: Carp					
TL (mm)	671	716	719	754	781
Tag #	7673	7674	7675	7676	7672

Location 2: Largemouth Bass											
TL (mm)	248	249	261	300	307	324	329	334	361	366	374
Tag #	7723	7724	7725	7726	7727	7731	7733	7729	7732	7728	7730

Location 2: Carp				
TL (mm)	732	761	789	789
Tag #	7703	7702	7704	7705

Location 3: Largemouth Bass											
TL (mm)	242	253	269	286	319	322	356	376	384	437	442
Tag #	7746	7747	7745	7748	7749	7751	7750	7752	7753	7755	7754

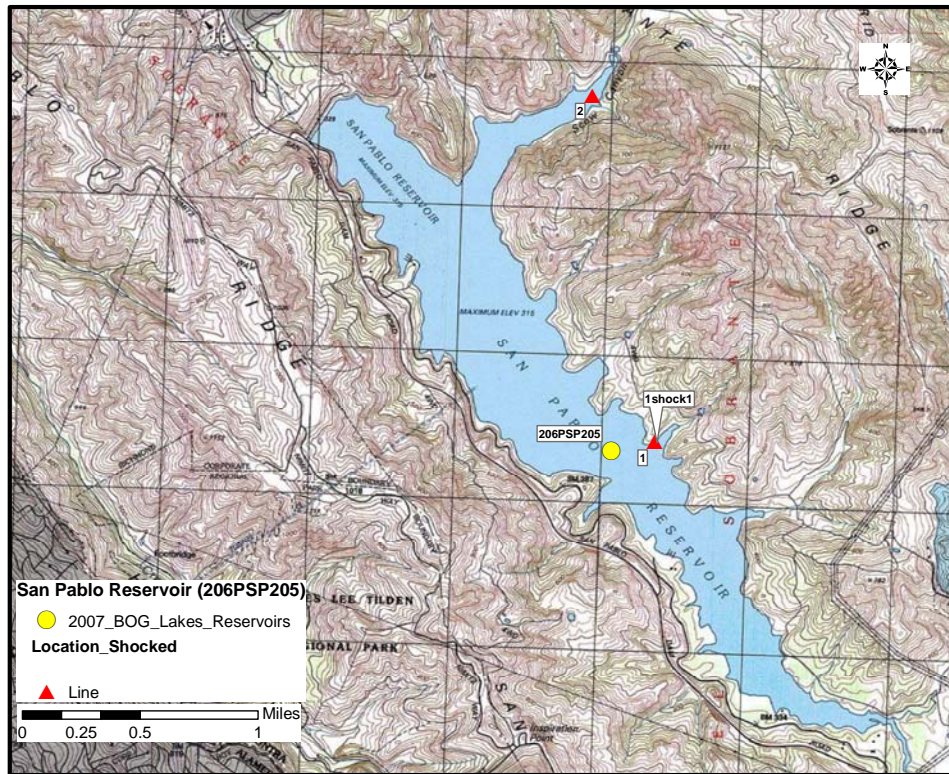
Location 3: Carp					
TL (mm)	761	774	786	800	886
Tag #	7756	9601	7757	7758	7759

Location 4: Largemouth Bass											
TL (mm)	207	245	272	274	327	352	354	359	392	393	412
Tag #	7734	7735	7736	7737	7743	7742	7740	7741	7738	7739	7744

**Comments:** The sampling vessel was launched from a concrete launch ramp at the east and west ends of the reservoir. Four locations were sampled using the electrofisher boat. A sample of largemouth bass (15 fish) and carp (5 fish) were collected at location one. Location two, a sample of largemouth bass (11 fish) and carp (4 fish) were collected. Location three, a sample of largemouth bass (11 fish) and carp (5 fish) were collected. At location four a sample of largemouth bass (11 fish) was collected. The only other fish seen were: American shad, striped bass and redear sunfish.

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## 2007 BOG San Pablo Reservoir (206PSP205)



**Latitude:** 37.92298

**Longitude:** -122.2379

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** July 30, 2007 (Trip 9)

**Samplers:** Gary Ichikawa, Steve Martenuk

**Fish caught:**

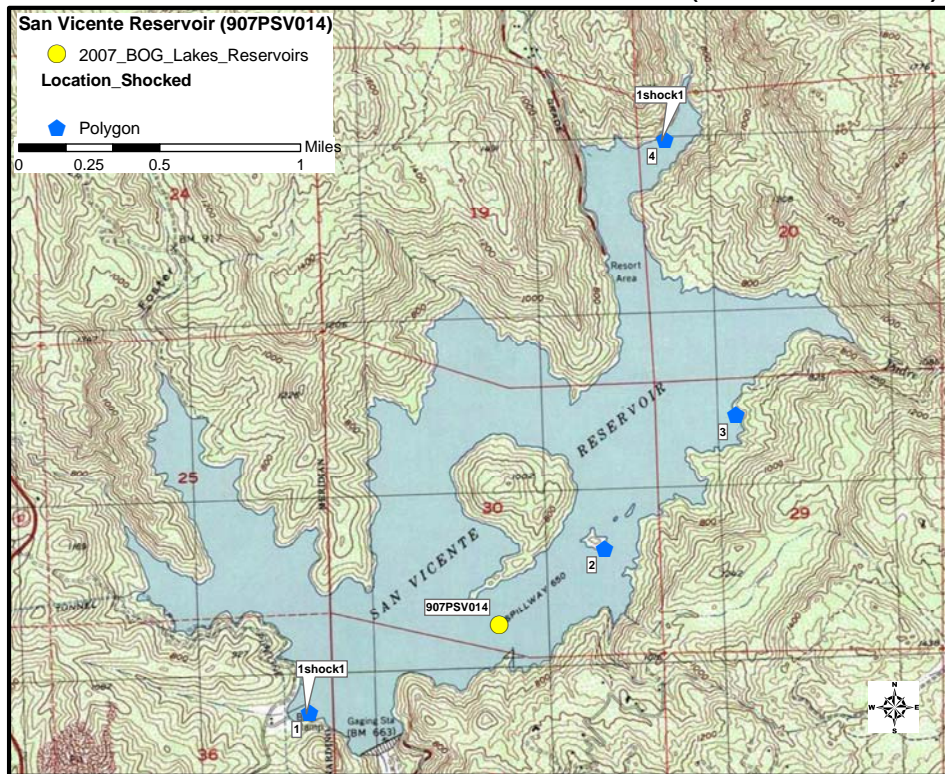
Largemouth Bass											
<b>TL (mm)</b>	223	225	233	238	244	245	250	253	281	394	402
<b>Tag #</b>	8615	8617	8618	8619	8620	8616	8621	8622	8623	8625	8624

Carp									
<b>TL (mm)</b>	462	466	470	475	489	500	509	559	602
<b>Tag #</b>	8608	8613	8607	8606	8610	8614	8609	8612	8611

**Comments:** The sampling vessel was launched a concrete ramp. Two species of fish were collected using the electorfisher boat. A sample for both species was collected: largemouth bass (11 fish) and carp (9 fish). Bluegill, rainbow trout, and threadfin shad, were the only other fish present.

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## 2007 BOG San Vicente Reservoir (907PSV014)



**Latitude:** 32.91839

**Longitude:** -116.91748

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** August 28, 2007 (Trip 13)

**Samplers:** Sean Mundell, Steve Martenuk

**Fish caught:**

Largemouth Bass											
<b>TL (mm)</b>	175	228	235	255	305	310	325	335	340	355	365
<b>Tag #</b>	09280	09281	09282	09283	09288	09287	09284	09285	09292	09289	09291

Largemouth Bass					
<b>TL (mm)</b>	380	388	390	510	512
<b>Tag #</b>	09286	09290	09293	09294	09295

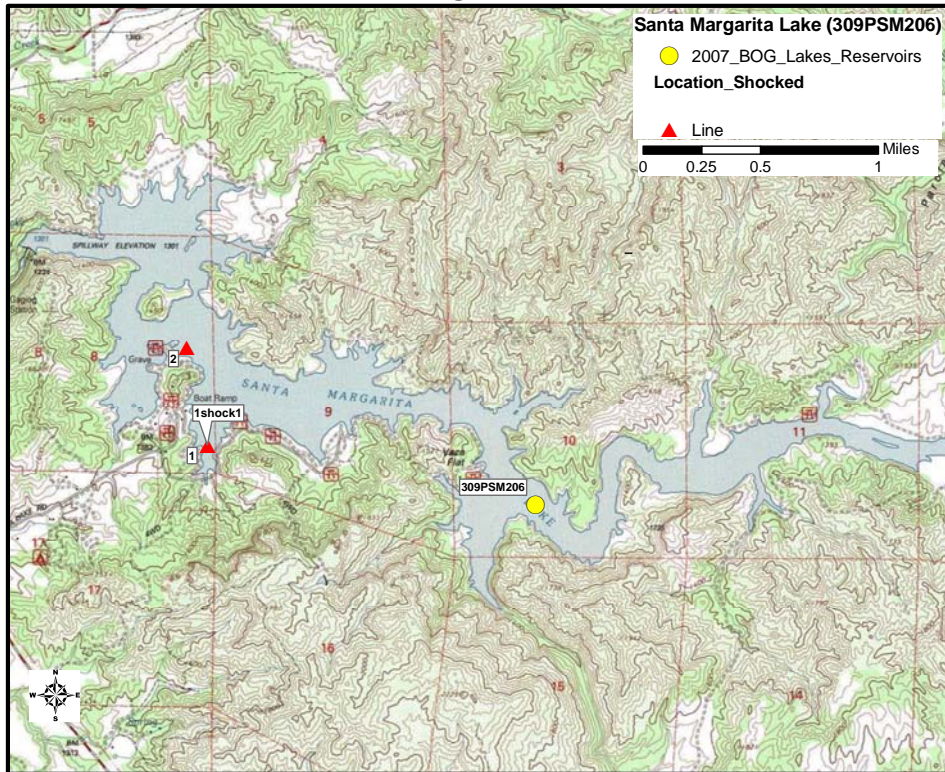
Carp										
<b>TL (mm)</b>	525	525	535	553	565	575	604	620	628	630
<b>Tag #</b>	09274	09277	09276	09279	09278	09275	09273	09270	09272	09271

**Comments:** The sampling vessel was launched from a concrete launch ramp. Two species of fish were collected using the electrofisher boat. A sample for both species was collected: largemouth bass (16 fish) and carp (10 fish). No other fish were present.

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## 2007 BOG Santa Margarita Lake (309PSM206)



**Latitude:** 35.32155

**Longitude:** -120.46435

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** March 10, 2008 (Trip 27)

**Samplers:** Gary Ickikawa, John Negrey

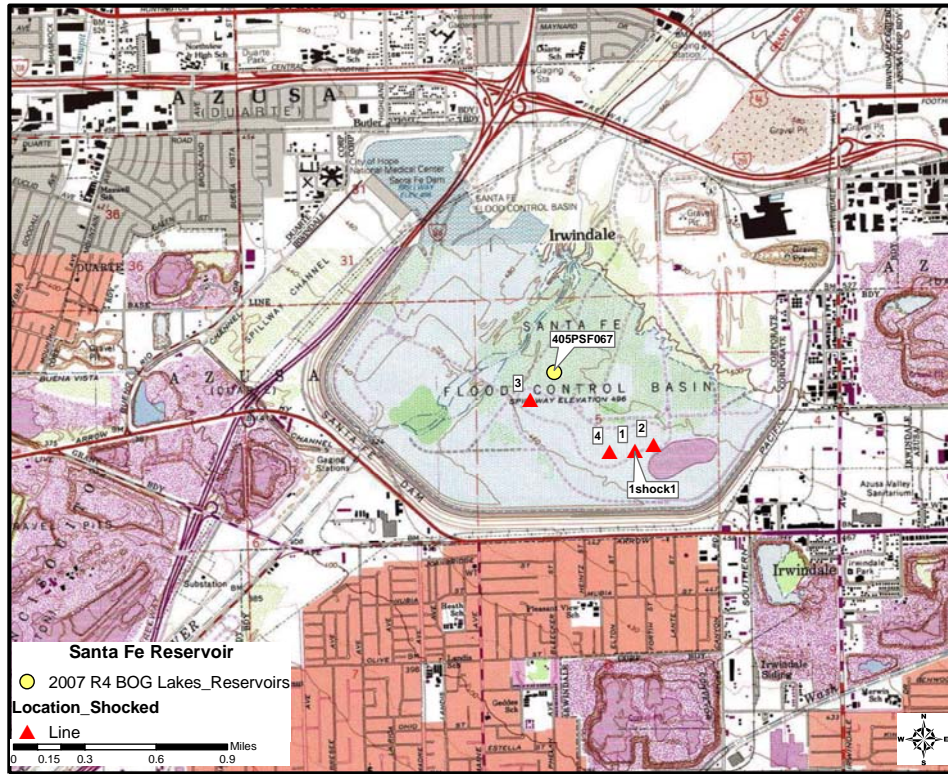
**Fish caught:**

Largemouth Bass											
<b>TL (mm)</b>	192	284	286	287	313	325	350	350	386	459	525
<b>Tag #</b>	10282	10281	10279	10280	10278	10275	10276	10277	10274	10272	10273

**Comments:** The sampling vessel was launched from a concrete launch ramp at the park entrance. A sample of largemouth bass (11 fish) was collected using the electrofisher boat. No bottom species were collected. The only other fish present were: rainbow trout, black crappie, redear sunfish, threadfin shad and one brown bullhead.

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2007 R4 BOG Santa Fe Reservoir (405PSF067)



**Latitude:** 34.11714

**Longitude:** -117.95478

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** June 6, 2007 (Trip 1)

**Samplers:** Billy Jakl, John Negrey

**Fish caught:**

Location 1: Largemouth Bass											
<b>TL (mm)</b>	200	209	263	280	312	313	320	320	325	334	335
<b>Tag #</b>	6510	6509	6507	6508	6498	6496	6503	6504	6497	6499	6501

Largemouth Bass					
<b>TL (mm)</b>	335	336	360	450	460
<b>Tag #</b>	6502	6500	6495	6506	6505

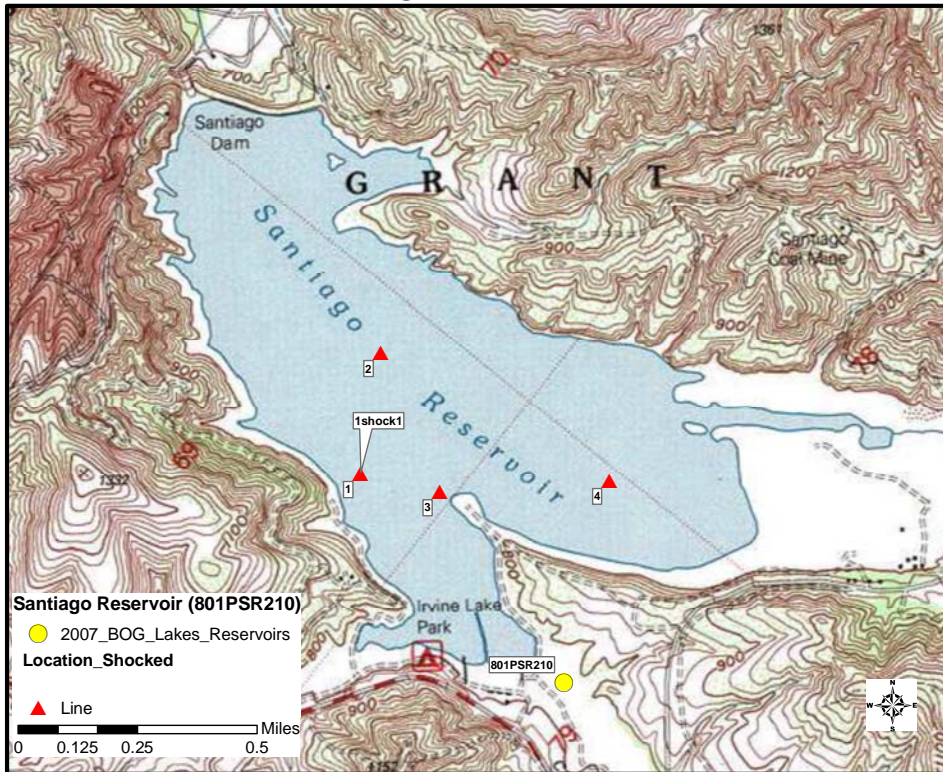
Carp										
<b>TL (mm)</b>	495	506	509	510	511	529	545	555	576	580
<b>Tag #</b>	6486	6488	6485	6487	6489	6494	6491	6484	6493	6490

**Comments:** The sampling vessel was launched from the launch ramp at parking lot 4. Two species of fish were collected using the electrofisher boat. A sample for both species was collected: largemouth bass (16 fish) and Carp (10 fish). Two oversize channel catfish, two rainbow trout and redear sunfish were the only other fish seen.

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## 2007 BOG Santiago Reservoir (801PSR210)



**Latitude:** 33.76844

**Longitude:** -117.71434

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** August 21, 2007 (Trip 12)

**Samplers:** Billy Jakl, Sean Mundell

**Fish caught:**

Largemouth Bass							
<b>TL (mm)</b>	300	303	304	355	360	360	365
<b>Tag #</b>	09131	09132	09129	09122	09125	09127	09123

Largemouth Bass								
<b>TL (mm)</b>	371	380	380	390	400	400	420	440
<b>Tag #</b>	09124	09126	09128	09130	09120	09121	09119	09118

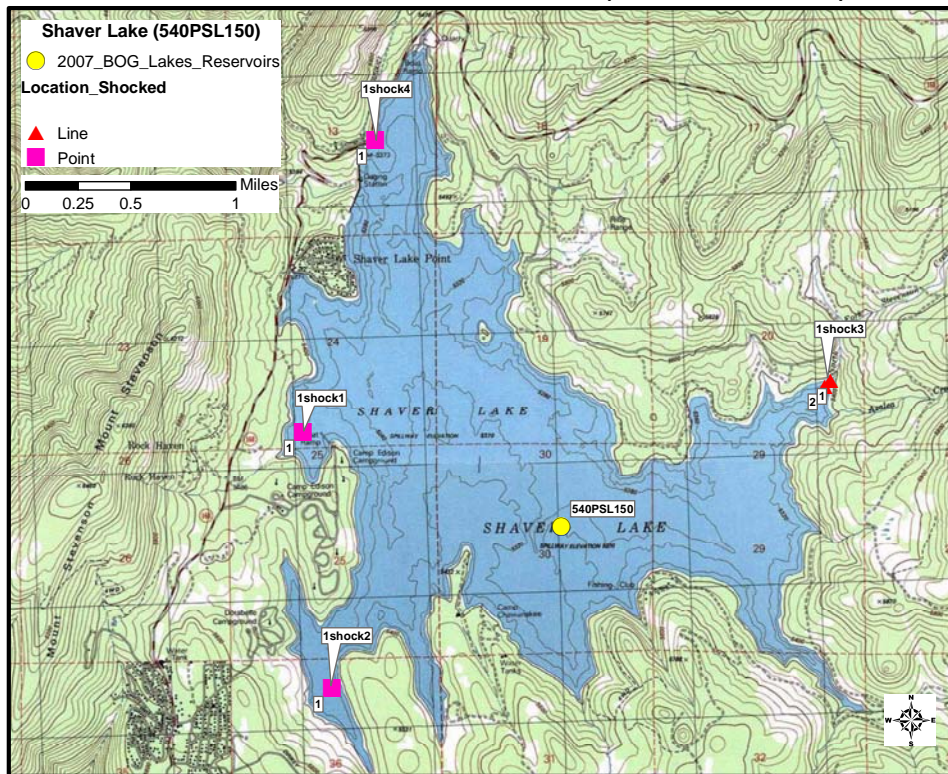
**Comments:** The sampling vessel was launched from a concrete launch ramp. Two species of fish were collected using the electrofisher boat. A sample for both species was

collected: largemouth bass (15 fish) and carp (10 fish). Other fish present were: bluegill, goldfish, crappie and threadfin shad.

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## 2007 BOG Shaver Lake (540PSL150)



**Latitude:** 37.12059

**Longitude:** -119.28554

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** October 30, 2007 (Trip 21)

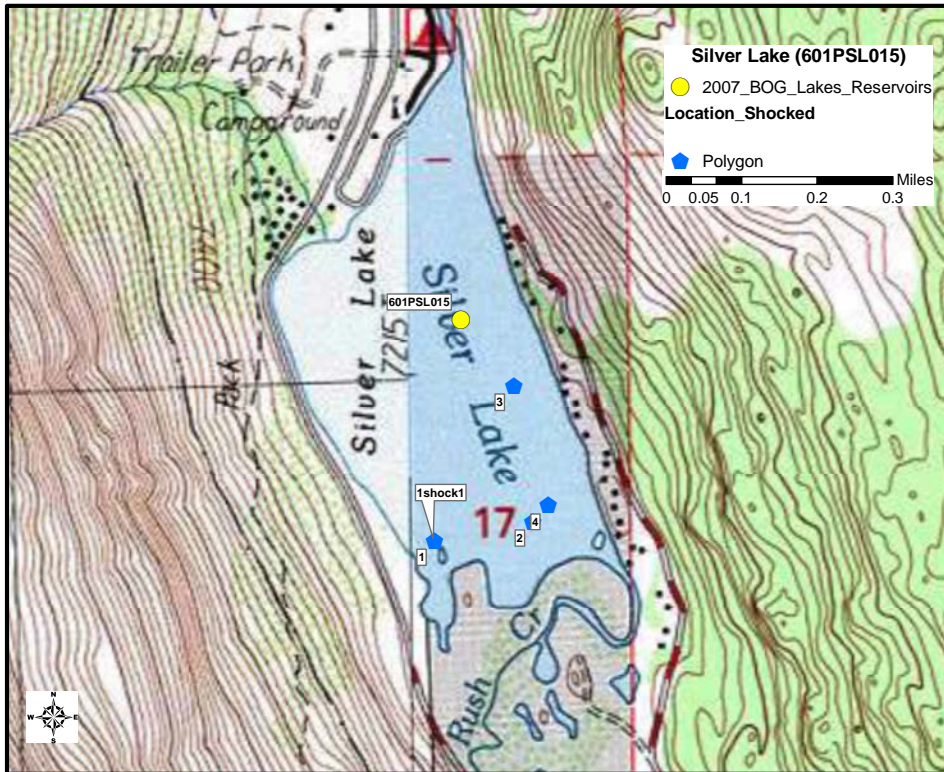
**Samplers:** Gary Ichikawa, Jon Geotzl

**Fish caught:** No fish were collected

**Comments:** The sampling vessel was launched from a concrete ramp. The entire lake was shocked using the electrofisher boat. No fish were collected.

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## 2007 BOG Silver Lake (601PSL015)



**Latitude:** 37.77802

**Longitude:** -119.12468

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** July 24, 2007 (Trip 8)

**Samplers:** Billy Jakl, Sean Mundell

**Fish caught:**

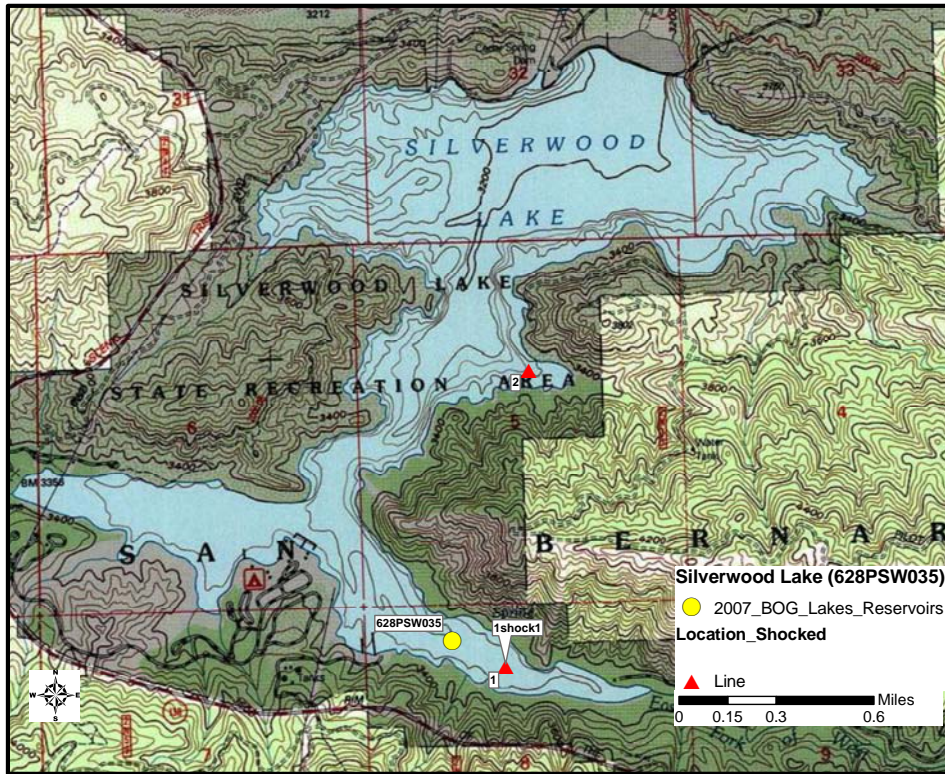
Brown Trout					
<b>TL (mm)</b>	270	270	303	334	392
<b>Tag #</b>	6952	6955	6954	6956	6953

**Comments:** The sampling vessel was launched from a small ramp at the entrance. A sample of rainbow trout (5 fish) was collected using the electrofisher boat. No bottom species were collected. Brown trout and golden trout were the only other fish seen. Lightening and heavy rain ended our sampling effort.

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## 2007 BOG Silverwood Lake (628PSW035)



**Latitude:** 34.27893

**Longitude:** -117.32485

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** August 20, 2007 (Trip12)

**Samplers:** Billy Jakl, Sean Mundell

**Fish caught:**

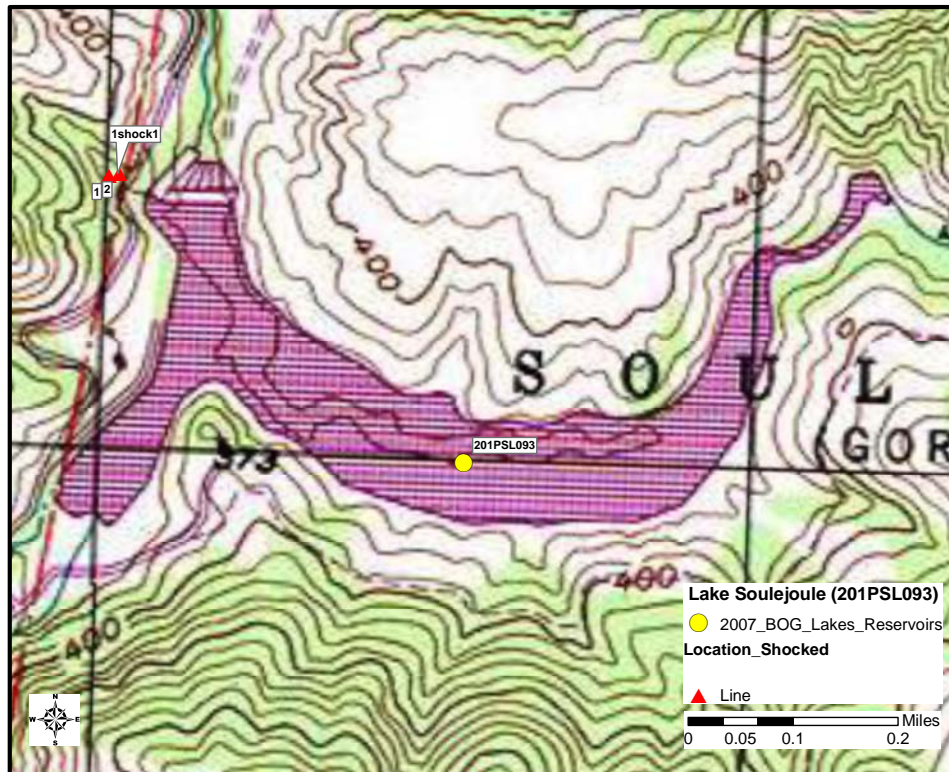
Largemouth Bass											
<b>TL (mm)</b>	190	285	290	295	334	340	340	355	365	370	370
<b>Tag #</b>	09107	09106	09105	09104	8719	09101	09103	8720	8724	8725	09102

Largemouth Bass					
<b>TL (mm)</b>	390	405	407	460	513
<b>Tag #</b>	8722	8721	8723	8718	8717

**Comments:** The sampling vessel was launched from a concrete launch ramp. A sample of largemouth bass (16 fish) was collected using the electrofisher boat. No bottom species were collected. Bluegill was the only other fish present.

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## 2007 BOG Lake Soulejoule (201PSL093)



**Latitude:** 38.14735

**Longitude:** -122.77787

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** July 30, 2007 (Trip 9)

**Samplers:** Gary Ichikawa, Steve Martenuk

**Fish caught:**

Location 1: Largemouth Bass											
<b>TL (mm)</b>	233	235	240	250	251	263	284	289	292	319	322
<b>Tag #</b>	8594	8591	8590	8593	8592	8596	8595	8598	8597	8601	8599

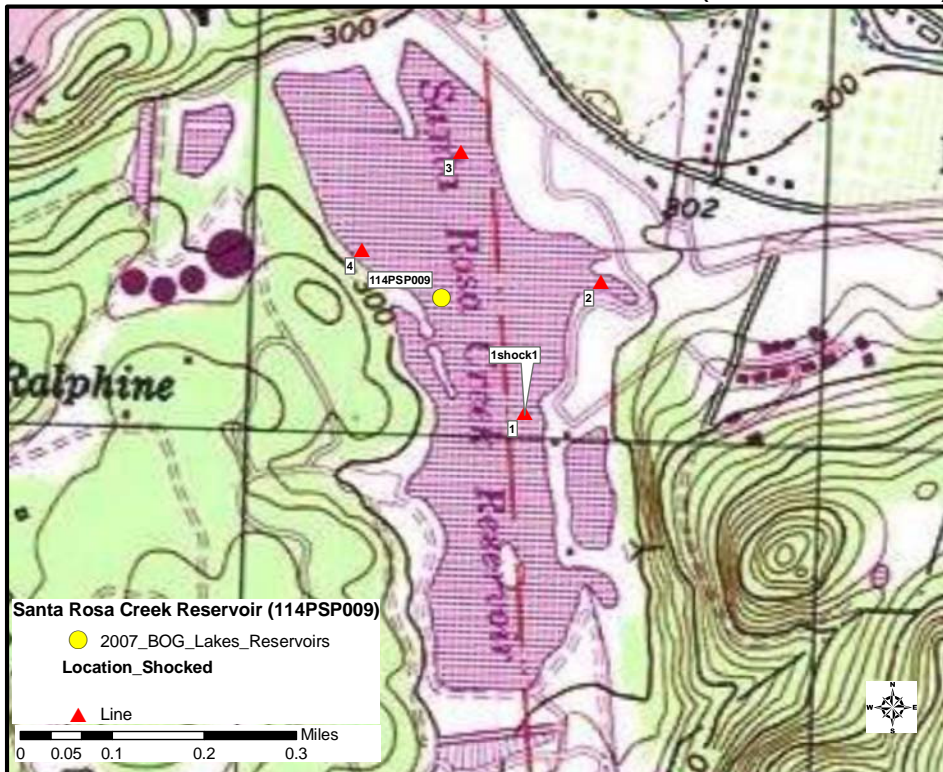
Largemouth Bass					
<b>TL (mm)</b>	337	339	350	432	455
<b>Tag #</b>	8602	8603	8600	8604	8605



**Comments:** The sampling vessel was launched from a small ramp at the entrance. A sample of largemouth bass (16 fish) was collected using the electrofisher boat. No bottom species were collected. Bluegill was the only other fish seen.

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## 2007 BOG Santa Rosa Creek Res. (114PSP009)



Also called: Spring Lake

**Latitude:** 38.45571

**Longitude:** -122.65339

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** July 9, 2007 (Trip 6)

**Samplers:** John Negrey, Kyle Skaff

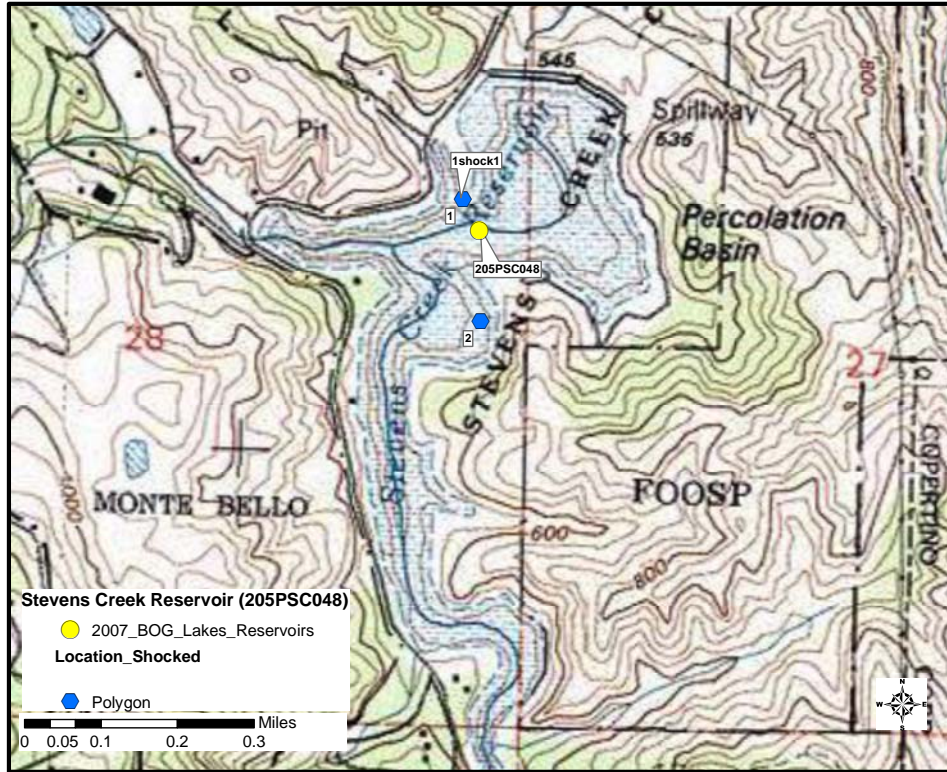
**Fish caught:**

Largemouth Bass											
<b>TL (mm)</b>	211	235	254	262	305	336	344	346	390	427	508
<b>Tag #</b>	2756	2755	2753	2754	2752	2748	2749	2750	2751	2747	2746

**Comments:** The sampling vessel was launched from a small ramp at the entrance. A sample for largemouth bass (11 fish) was collected using the electrofisher boat. No bottom species were collected. Bluegill was the only other fish seen.

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## 2007 BOG Stevens Creek Reservoir (205PSC048)



**Latitude:** 37.2958

**Longitude:** -122.0789

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** July 31, 2007 (Trip 9)

**Samplers:** Gary Ichikawa, Steve Martenuk

**Fish caught:**

Largemouth Bass											
<b>TL (mm)</b>	200	210	283	293	295	300	302	303	393	455	461
<b>Tag #</b>	8658	8659	8660	8661	8665	8662	8663	8664	8666	8667	8668

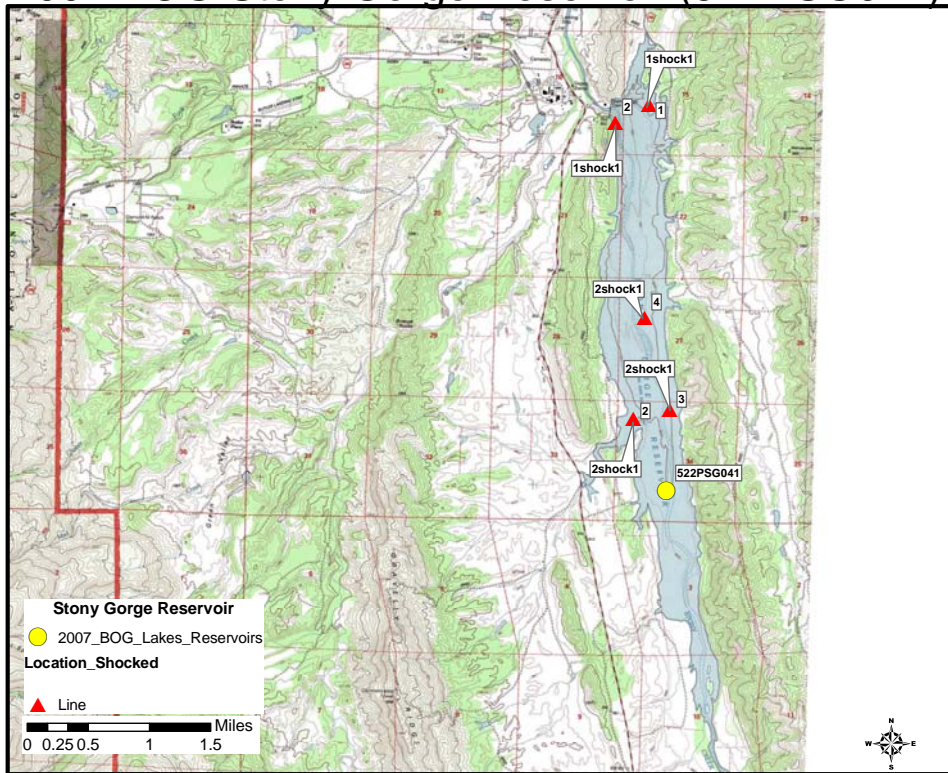
Carp										
<b>TL (mm)</b>	542	590	593	603	604	610	615	618	630	634
<b>Tag #</b>	8655	8648	8652	8651	8656	8657	8650	8653	8654	8649

**Comments:** The sampling vessel was launched from a concrete ramp. Two species of fish were collected using the electrofisher boat. A sample for both species was collected: largemouth bass (11 fish) and carp (10 fish). No other fish were present.

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## 2007 BOG Stony Gorge Reservoir (522PSG041)



**Latitude:** 39.54131

**Longitude:** -122.52232

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** August 13, 2007 (Trip 11)

**Samplers:** Dylan Service, Bryan Frueh

**Fish caught:**

Location 1: Largemouth Bass											
TL (mm)	217	240	246	320	321	335	357	364	377	416	511
Tag #	7464	7463	7462	7460	7461	7459	7457	7458	7456	7455	7454

Location 2: Largemouth Bass											
TL (mm)	190	220	251	265	316	346	354	365	381	415	440
Tag #	7480	7479	7478	7477	7476	7473	7474	7472	7475	7470	7471

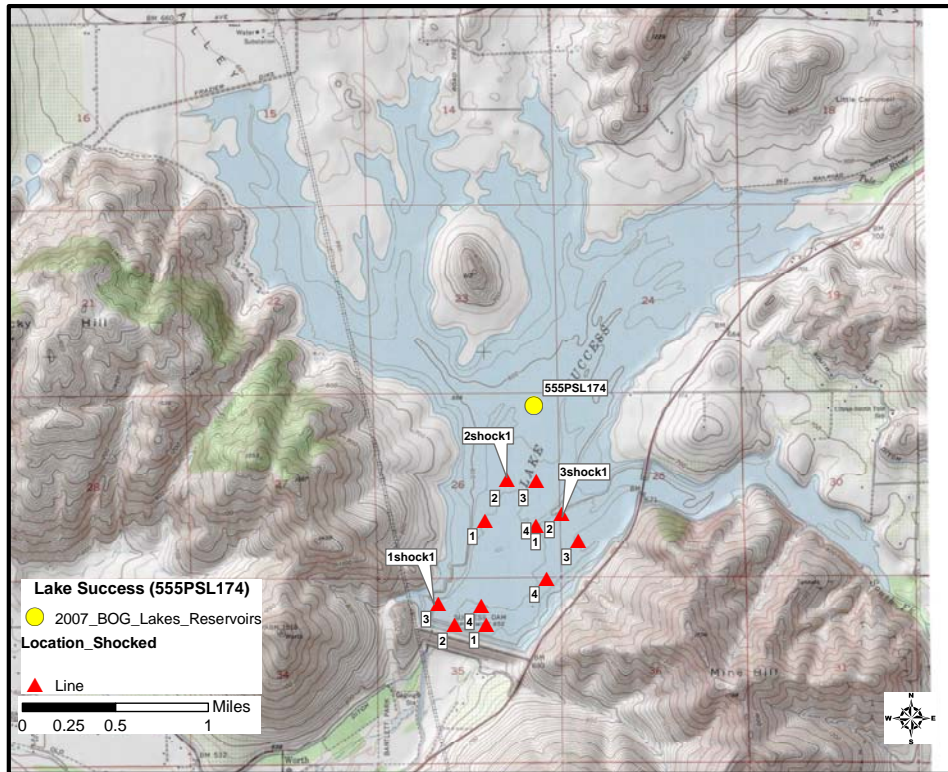
Location 1: Sacramento Sucker					
<b>TL (mm)</b>	296	307	308	320	336
<b>Tag #</b>	7451	7453	6949	6950	7452

Location 2: Sacramento Sucker					
<b>TL (mm)</b>	291	305	310	336	370
<b>Tag #</b>	7469	7465	7468	7467	7466

**Comments:** The sampling vessel was launched from a concrete ramp at the entrance. Two locations were sampled using the electrofisher boat. A sample of largemouth bass (11 fish) and Sacramento sucker (5 fish) were collected at both locations. No other fish were seen.

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## 2007 BOG Lake Success (555PSL174)



**Latitude:** 36.07908

**Longitude:** -118.91274

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** November 13, 2007 (Trip 23)

**Samplers:** Billy Jakl, Steve Martenuk

**Fish caught:**

Location 1: Rainbow Trout					
<b>TL (mm)</b>	275	291	294	333	345
<b>Tag #</b>	8949	8947	8950	8948	8946

Location 2: Rainbow Trout					
<b>TL (mm)</b>	265	299	300	330	350
<b>Tag #</b>	8940	8938	8939	8937	8936

Location 3: Rainbow Trout					
TL (mm)	282	293	315	324	337
Tag #	8930	8929	8927	8928	8926

Location 1: Carp					
TL (mm)	460	483	484	505	524
Tag #	8951	8955	8952	8953	8954

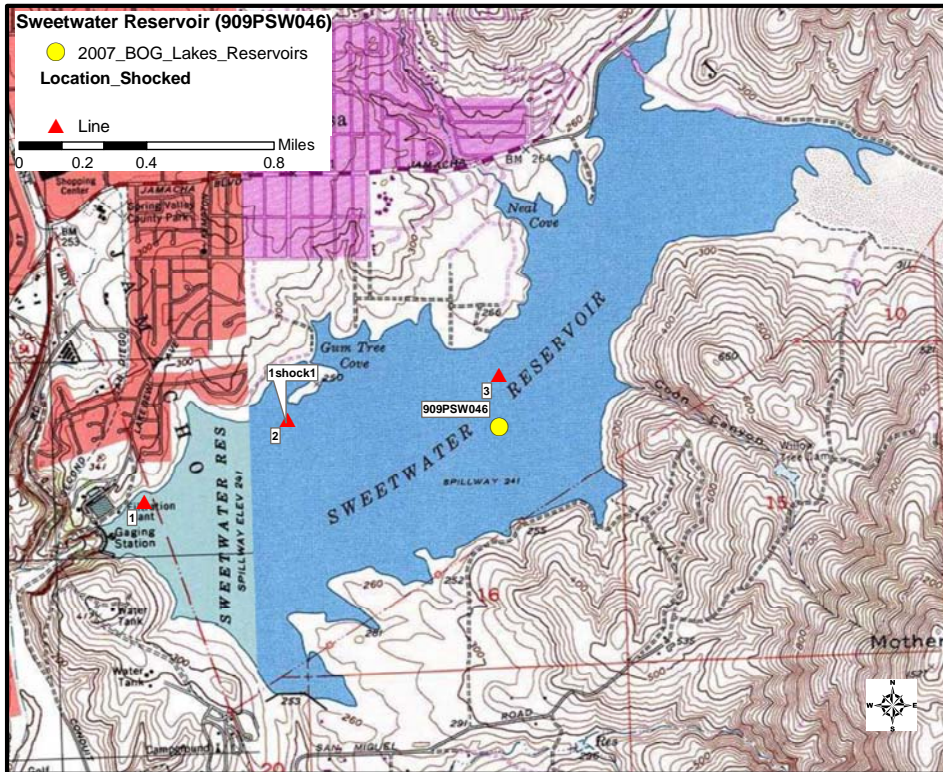
Location 2: Carp					
TL (mm)	482	524	525	552	563
Tag #	8943	8942	8945	8941	8944

Location 3: Carp					
TL (mm)	468	479	506	520	526
Tag #	8934	8932	8931	8935	8933

**Comments:** The sampling vessel was launched from the bank. Three locations were sampled using the electrofisher boat. A sample of rainbow trout (5 fish) and carp (5 fish) were collected at each location. Largemouth bass and crappie were the only other fish present. Water level was very low.

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## 2007 BOG Sweetwater Reservoir (909PSW046)



**Latitude:** 32.69617

**Longitude:** -116.98657

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** August 27, 2007 (Trip 13)

**Samplers:** Sean Mundell, Steve Martenuk

**Fish caught:**

Largemouth Bass											
<b>TL (mm)</b>	245	292	298	310	335	335	340	345	356	358	360
<b>Tag #</b>	09218	09219	09221	09220	09223	09224	09230	09222	09227	09228	09225

Largemouth Bass					
<b>TL (mm)</b>	365	370	400	410	415
<b>Tag #</b>	09229	09226	09231	09232	09233

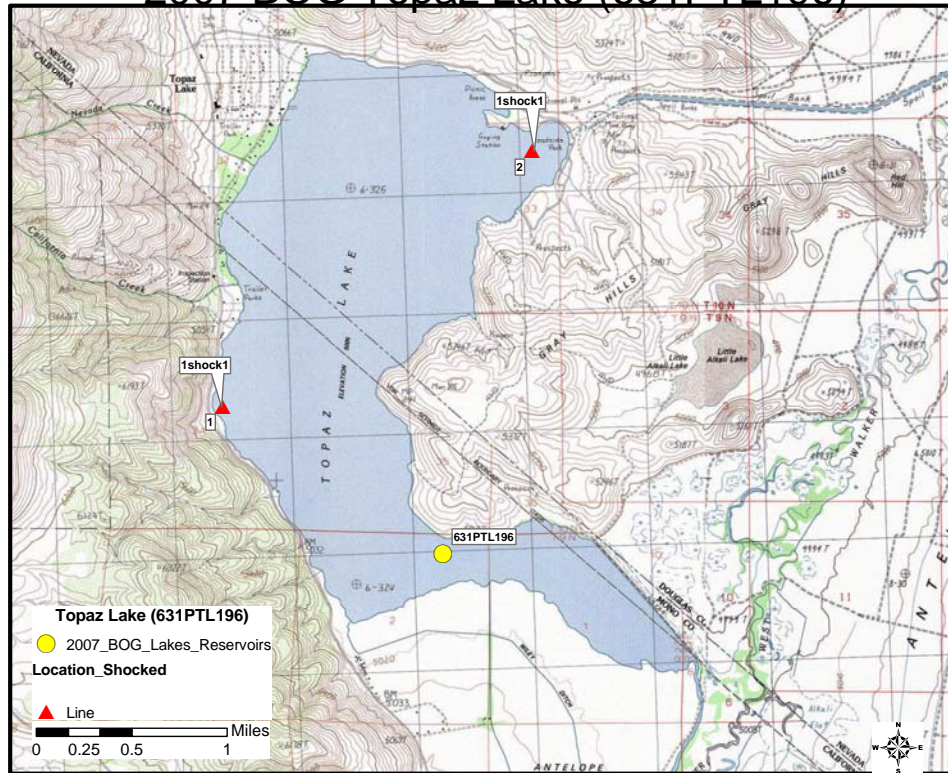


Carp										
<b>TL (mm)</b>	540	585	590	625	625	630	640	645	650	656
<b>Tag #</b>	09241	09235	09239	09236	09240	09237	09243	09242	09238	09234

**Comments:** The sampling vessel was launched from a concrete launch ramp. Two species of fish were collected using the electrofisher boat. A sample for both species was collected: largemouth bass (16 fish) and carp (10 fish). Two large channel catfish were the only other fish present.

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## 2007 BOG Topaz Lake (631PTL196)



**Latitude:** 38.66087

**Longitude:** -119.52635

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** November 7, 2007 (Trip 22)

**Samplers:** Dylan Service, Kyle Skaff

**Fish caught:**

Rainbow Trout					
<b>TL (mm)</b>	376	406	430	432	470
<b>Tag #</b>	09098	09094	09096	09097	09095

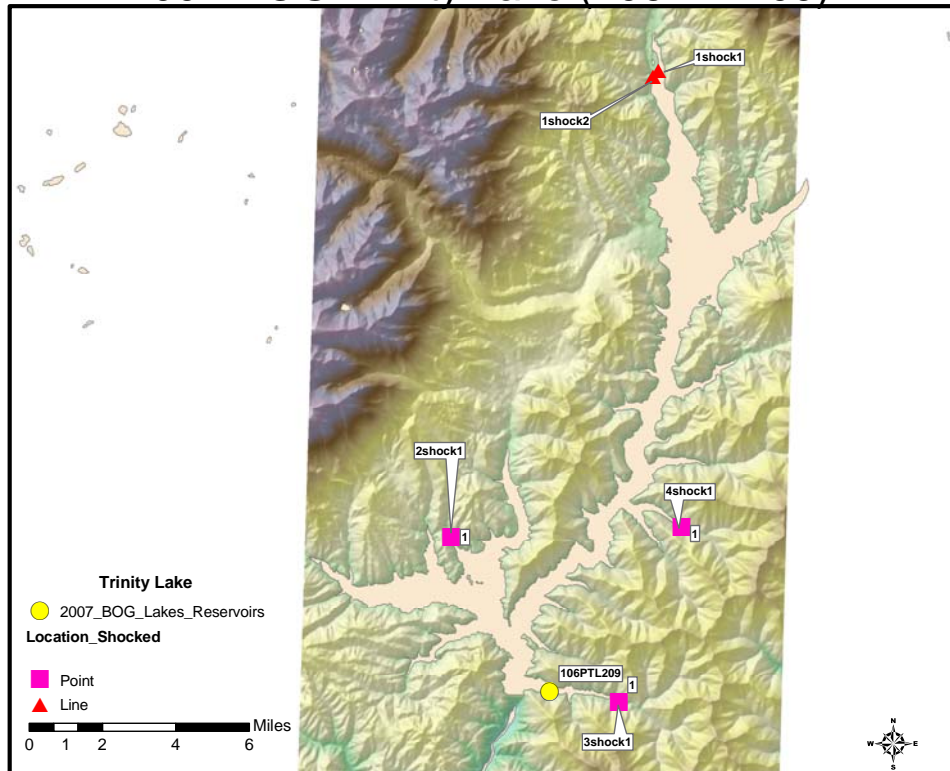
Sacramento Sucker										
<b>TL (mm)</b>	211	223	226	230	260	260	280	288	292	295
<b>Tag #</b>	09333	09332	09331	09330	09100	09329	09326	09328	09327	09099

**Comments:** The sampling vessel was launched from a concrete ramp. Two species of fish were collected using the electrofisher boat. A sample for both species was collected:

rainbow trout (5 fish) and Sacramento sucker (10 fish). Smallmouth bass was the only other fish present.

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## 2007 BOG Trinity Lake (106PTL209)



**Latitude:** 40.80308

**Longitude:** -122.74548

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** August 14, 2007 (Trip 11)

**Samplers:** Gary Ichikawa, John Negrey

**Fish caught:**

Location 1: Rainbow Trout					
<b>TL (mm)</b>	301	366	371	379	382
<b>Tag #</b>	7586	7583	7582	7585	7584

**Comments:** The sampling vessel was launched from a concrete launch ramp. A sample of rainbow trout (5 fish) was collected using the electrofisher boat. No bottom species were collected. No other fish were seen.

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** August 15, 2007 (Trip 11)

**Samplers:** Dylan Service, Bryan Frueh

**Fish caught:**

Location 2: Rainbow Trout					
<b>TL (mm)</b>	352	361	362	368	383
<b>Tag #</b>	7568	7567	7571	7570	7569

Location 3: Rainbow Trout					
<b>TL (mm)</b>	321	332	346	363	378
<b>Tag #</b>	7572	7574	7575	7576	7573

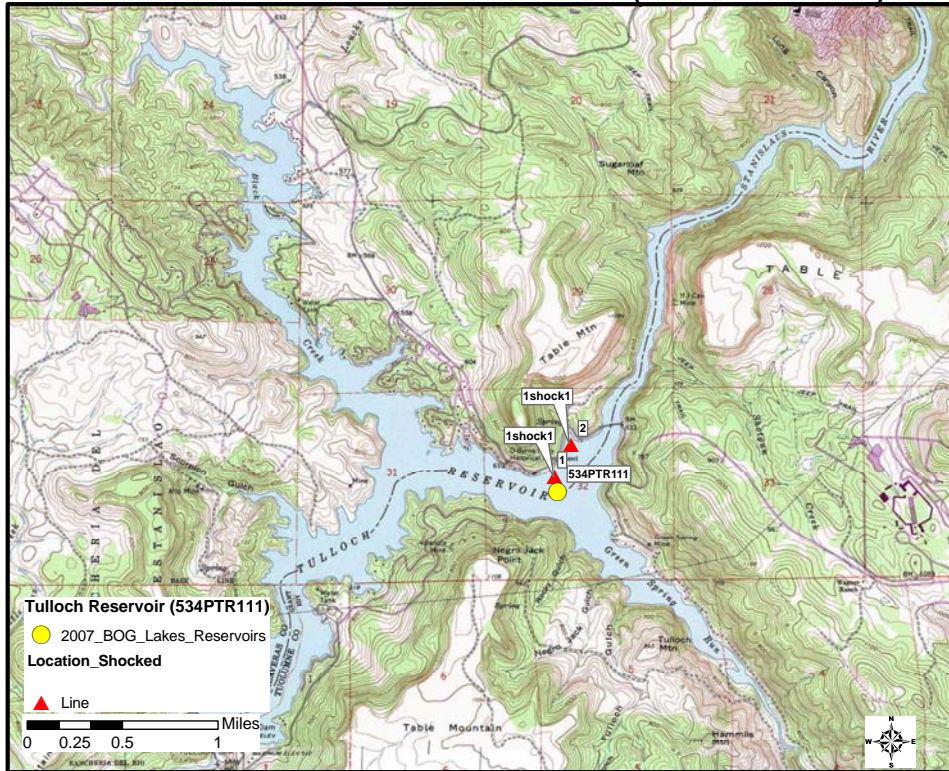
Location 4: Rainbow Trout					
<b>TL (mm)</b>	291	334	373	381	381
<b>Tag #</b>	7577	7578	7581	7579	7580

**Comments:** The sampling vessel was launched from a concrete launch ramp. A sample of rainbow trout (5 fish) was collected using the electorfisher boat. No bottom species were collected. No other fish were seen.

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## 2007 BOG Tulloch Reservoir (534PTR111)



**Latitude:** 37.89444

**Longitude:** -120.57212

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** April 30, 2007 (FMP)

**Samplers:** Dylan Service, Gary Ichikawa

**Fish caught:**

Location 1: Largemouth Bass									
TL (mm)	231	330	342	344	359	387	396	424	459
Tag #	6292	6294	6293	6295	6290	6291	6288	6296	6297

Location 1: Spotted Bass									
TL (mm)	224	250	272	281	308	317	321	331	337
Tag #	6303	6305	6306	6304	6298	6302	6299	6300	6301

Location 1: Rainbow Trout								
<b>TL (mm)</b>	293	321	329	344	352	379	384	396
<b>Tag #</b>	6284	6283	6279	6285	6281	6286	6280	6282

Location 1: Bluegill								
<b>TL (mm)</b>	137	148	149	154	159	163	204	214
<b>Tag #</b>	6314	6310	6311	6313	6309	6312	6308	6307

Location 1: Chinook Salmon	
<b>TL (mm)</b>	351
<b>Tag #</b>	6287

**Comments:** The sampling vessel was launched from a concrete launch ramp. Five species of fish were collected using the electrofisher boat. A sample for all the species was collected: largemouth bass (9 fish), spotted bass (9 fish), rainbow trout (8 fish), bluegill (8 fish) and a Chinook salmon. Extra fish were collected because this effort was also used in the Fish Mercury Project. The site was revisited for BOG sampling requirements.

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** August 29, 2007 (Trip 13)

**Samplers:** Jon Geotzl, Gary Ichikawa

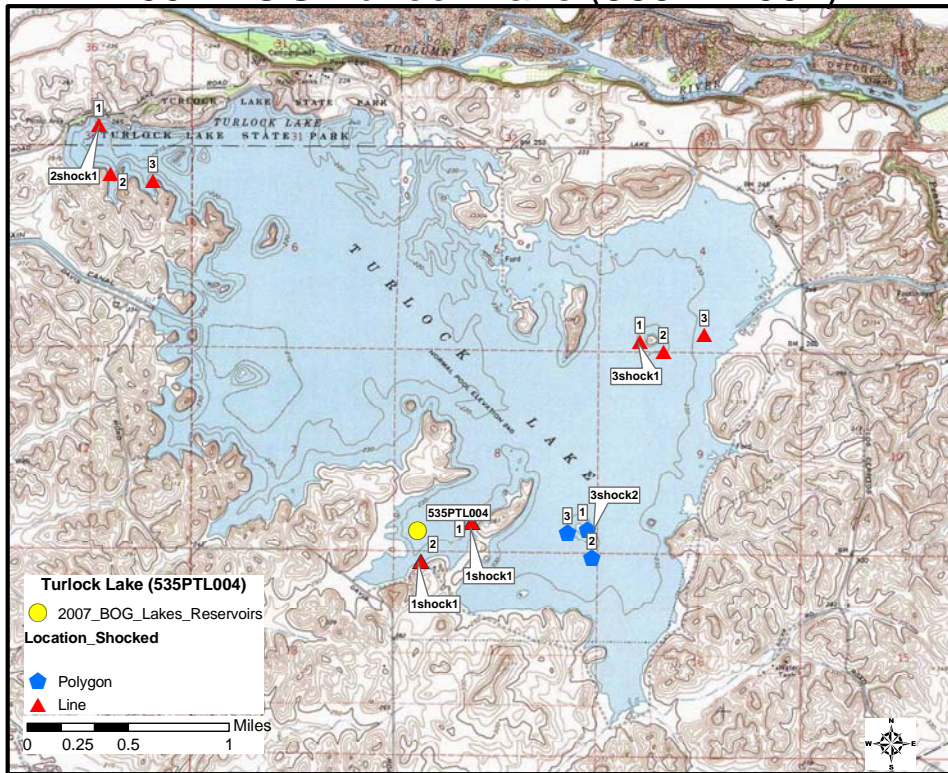
**Fish caught:**

Location 2: Largemouth Bass						
<b>TL (mm)</b>	258	330	343	345	350	396
<b>Tag #</b>	9579	9581	9583	9582	9580	9584

**Comments:** The sampling vessel was launched from a concrete launch ramp. A sample of largemouth bass (6 fish) was collected using the electrofisher boat. No bottom species were collected.

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## 2007 BOG Turlock Lake (535PTL004)



**Latitude:** 37.59611

**Longitude:** -120.57039

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** May 1, 2007 (FMP)

**Samplers:** Dylan Service, Gary Ichikawa

### Fish caught:

Location 1: Largemouth Bass											
<b>TL (mm)</b>	224	256	304	336	339	341	351	361	401	414	476
<b>Tag #</b>	4852	4851	4853	4847	4844	4850	4848	4849	4845	4846	4854

Location 1: Rainbow Trout				
<b>TL (mm)</b>	331	376	384	421
<b>Tag #</b>	4838	4837	4836	4835

Location 1: Carp					
<b>TL (mm)</b>	456	484	492	504	509
<b>Tag #</b>	4840	4841	4843	4842	4839

Location 1: Brown Bullhead				
TL (mm)	346	364	386	401
Tag #	4833	4834	4831	4832

**Comments:** The sampling vessel was launched from a concrete launch ramp. Four species of fish were collected using the electrofisher boat. A sample for all the species was collected: largemouth bass (11 fish), rainbow trout (4 fish), brown bullhead (4 fish) and carp (5 fish). Extra fish were collected because this effort was also used in the Fish Mercury Project. The site was revisited for BOG sampling requirements.

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** August 29, 2007 (Trip 13)

**Samplers:** Billy Jakl, Dylan Service

**Fish caught:**

Location 2: Largemouth Bass											
TL (mm)	229	234	261	276	312	362	364	399	400	487	522
Tag #	7818	7819	7821	7820	7826	7824	7828	7827	7825	7822	7823

Location 2: Carp					
TL (mm)	474	479	494	511	519
Tag #	7831	7832	7829	7833	7830

Location 3: Largemouth Bass										
TL (mm)	229	299	316	337	351	352	387	419	464	531
Tag #	7839	7845	7847	7848	7846	7840	7844	7843	7841	7842

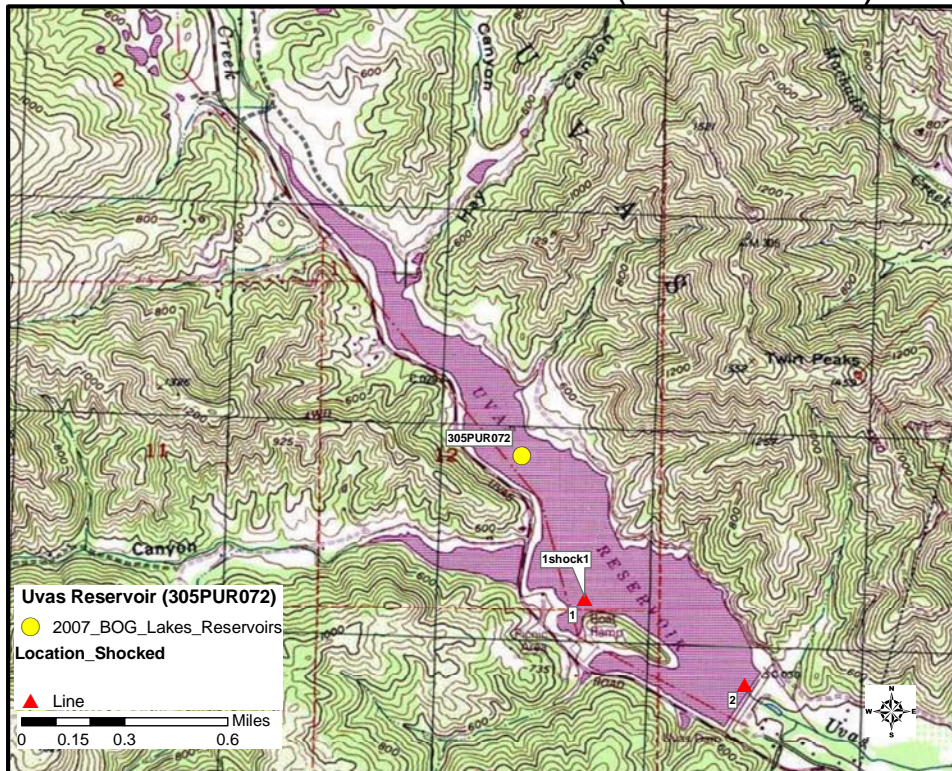
Location 3: Carp					
TL (mm)	484	492	532	540	589
Tag #	7836	7834	7837	7835	7838

**Comments:** The sampling vessel was launched from a concrete launch ramp. Two locations were sampled using the electrofisher boat. A sample of largemouth bass (11 fish) and carp (5 fish) were collected at location one. At location two, a sample of largemouth bass (10 fish) and carp (5 fish) were collected. Bluegill was the only other fish seen.

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## 2007 BOG Uvas Reservoir (305PUR072)



**Latitude:** 37.07572

**Longitude:** -121.70306

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** July 05, 2007 (Trip 5)

**Samplers:** Gary Ichikawa, Stacy Swenson, Cass Lamerdin

**Fish caught:**

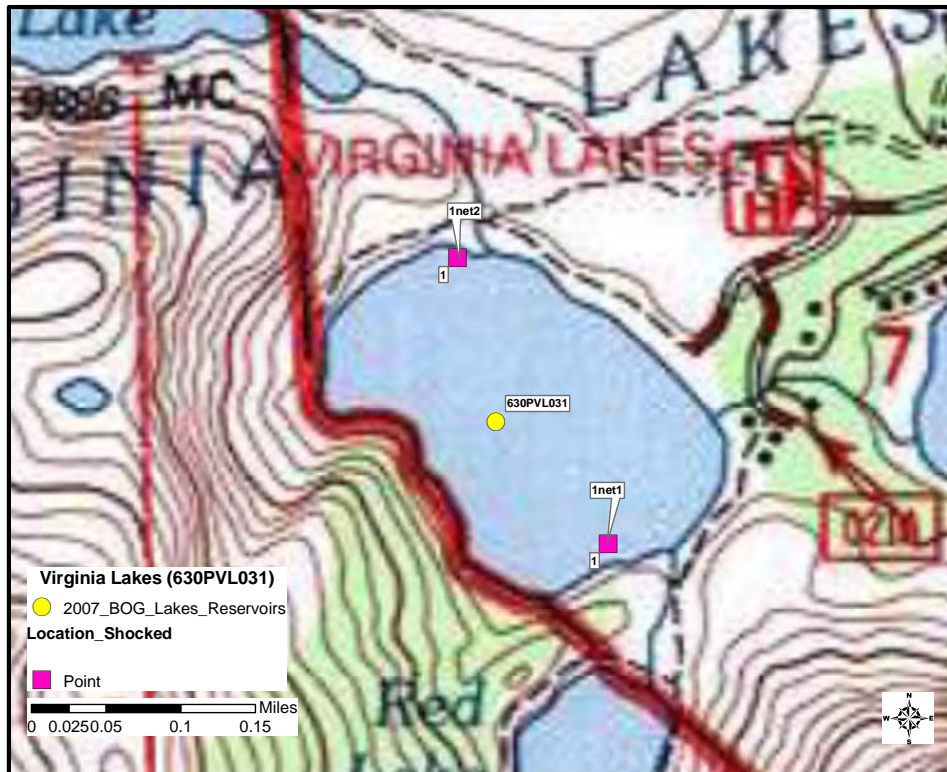
Largemouth Bass											
<b>TL (mm)</b>	242	249	258	272	314	318	335	339	352	440	600
<b>Tag #</b>	6729	6728	6730	6731	6732	6733	6735	6734	6736	6737	6738

**Comments:** The sampling vessel was launched from a concrete launch ramp at the park entrance. A sample for largemouth bass (11 fish) was collected using the electrofisher boat. No bottom species were collected. Lake level was really low (boat launch closed to public). Other fish seen were: Sacramento sucker, bluegill and threadfin shad.

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## 2007 BOG Virginia Lakes (630PVL031)



**Latitude:** 38.04681

**Longitude:** -119.26546

**Collection Method:** Gill Net

**Date (s) of Collection:** October 18-19, 2007 (Trip 19)

**Samplers:** Glen Sibald, Matt Rock

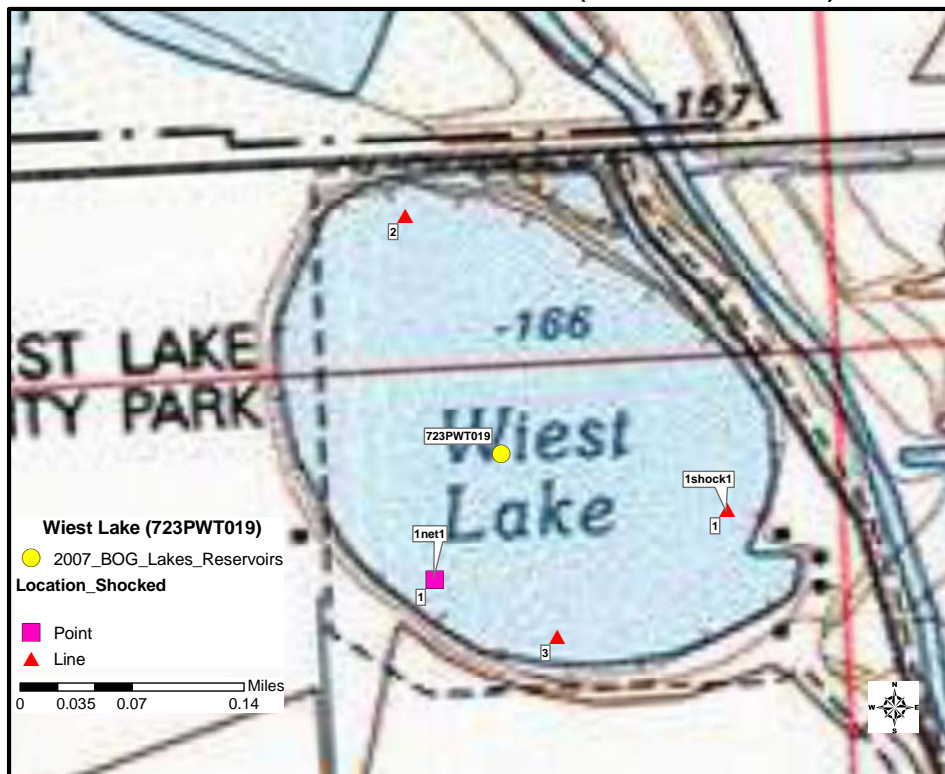
**Fish caught:**

Rainbow Trout										
<b>TL (mm)</b>	332	348	350	351	354	343	350	354	362	365
<b>Tag #</b>	14017	14019	14018	14016	14015	14021	14022	14020	14024	14023

**Comments:** The sampling vessel (small “john boat”) was launched from the bank. A sample of rainbow trout (10 fish) was collected using gill nets (1.5” at 50m). No other fish were present.

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## 2007 BOG Wiest Lake (723PWT019)



**Latitude:** 33.04176

**Longitude:** -115.49021

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** August 29, 2007 (Trip 13)

**Samplers:** Sean Mundell, Steve Martenuk

**Fish caught:** No fish were collected

**Comments:** The sampling vessel was launched from a concrete launch ramp. No fish were collected with the electrofisher. Bass and brown bullheads were present, but the salinity of the water caused the electrofisher to fail.

**Collection Method:** Gill Net

**Date (s) of Collection:** November 1-2, 2007 (Trip 21)

**Samplers:** Glen Siblald, Matt Rock

**Fish caught:**

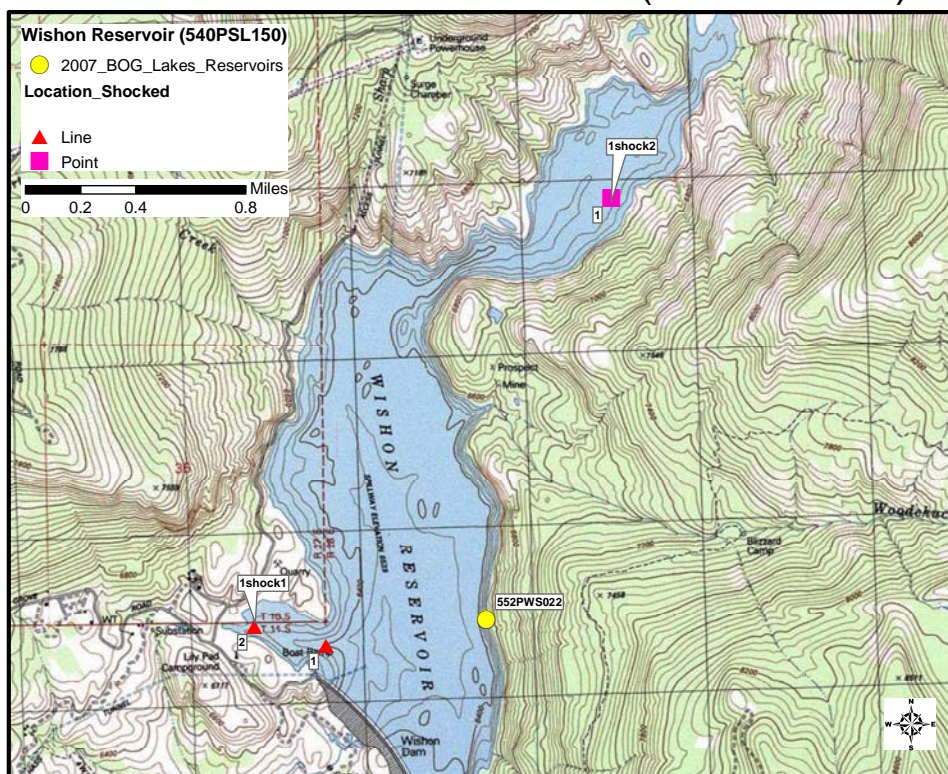
Black Crappie						
<b>TL (mm)</b>	282	288	325	326	331	335
<b>Tag #</b>	14077	14081	14080	14076	14079	14078

Channel Catfish			
<b>TL (mm)</b>	491	512	570
<b>Tag #</b>	14082	14083	14084

**Comments:** The sampling vessel was launched from a concrete launch ramp. Two species of fish were collected using gill nets (2" at 100m). A sample was collected for both species: black crappie (6 fish) and channel catfish (3 fish). The nets soaked for overnight and were retrieved on the 2nd.

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## 2007 BOG Wishon Reservoir (552PWS022)



**Latitude:** 37.00889

**Longitude:** -118.95979

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** September 10, 2007 (Trip 15)

**Samplers:** Billy Jakl, Steve Martenuk

**Fish caught:** No fish were collected

**Comments:** The sampling vessel was launched from a dirt launch ramp. No fish were collected with the electrofisher. The water conductivity was too low. Site needed to be revisited.

**Date (s) of Collection:** October 29, 2007 (Trip 21)

**Samplers:** Dylan Service, John Negrey

**Fish caught:**

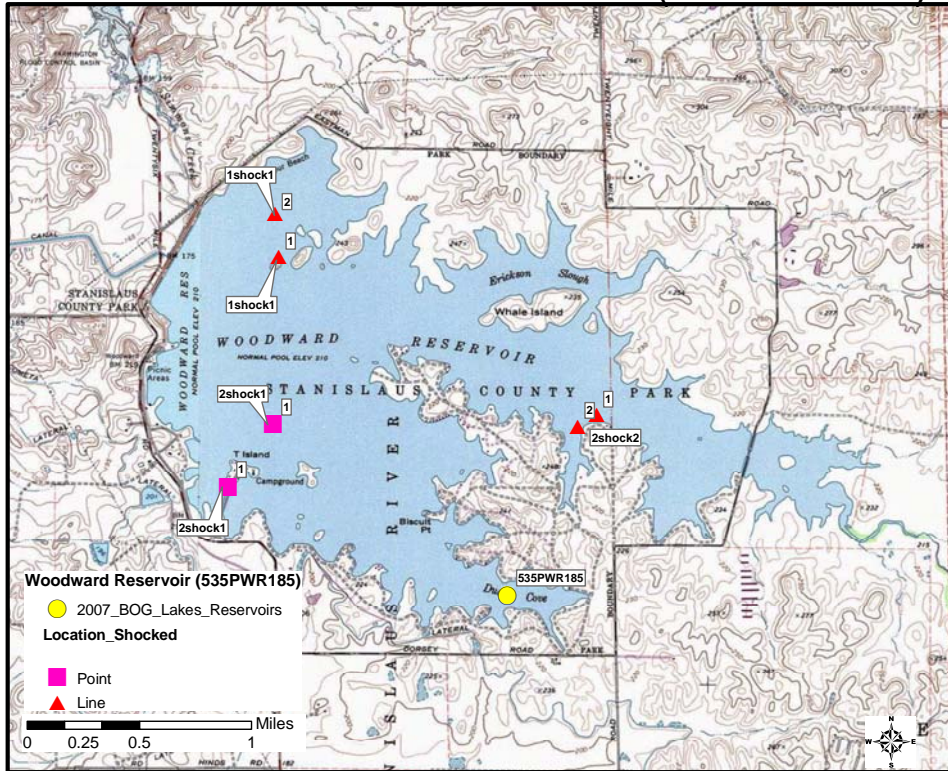
Rainbow Trout										
<b>TL (mm)</b>	303	306	327	333	337	340	342	342	347	396
<b>Tag #</b>	8804	8803	8799	8800	8801	8802	8797	8798	8796	8795

**Comments:** The sampling vessel was launched from an unimproved ramp. A sample of rainbow trout (10 fish) was collected using the electrofisher boat. No bottom species were collected.

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## 2007 BOG Woodward Reservoir (535PWR185)



**Latitude:** 37.83888

**Longitude:** -120.85078

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** April 16, 2007 (FMP)

**Samplers:** Dylan Service, Gary Ichikawa

**Fish caught:**

Location 1: Largemouth Bass												
<b>TL (mm)</b>	254	273	310	352	359	369	371	391	395	433	472	484
<b>Tag #</b>	2338	2344	2345	2343	2342	2339	2346	2347	2340	2348	2337	2341

Location 1: Rainbow Trout	
<b>TL (mm)</b>	443
<b>Tag #</b>	2349

**Comments:** The sampling vessel was launched from a concrete launch ramp. Two species of fish were collected using the electrofisher boat. A sample for all the species

was collected: largemouth bass (12 fish) and a rainbow trout. Extra fish were collected because this effort was also used in the Fish Mercury Project. The site was revisited for BOG sampling requirements.

**Date (s) of Collection:** August 30, 2007 (Trip 13)

**Samplers:** Gary Ichikawa, Jon Geotzl

**Fish caught:**

Location 1: Largemouth Bass		
TL (mm)	286	300
Tag #	9559	9558

Location 1: Carp			
TL (mm)	629	649	662
Tag #	9557	9555	9556

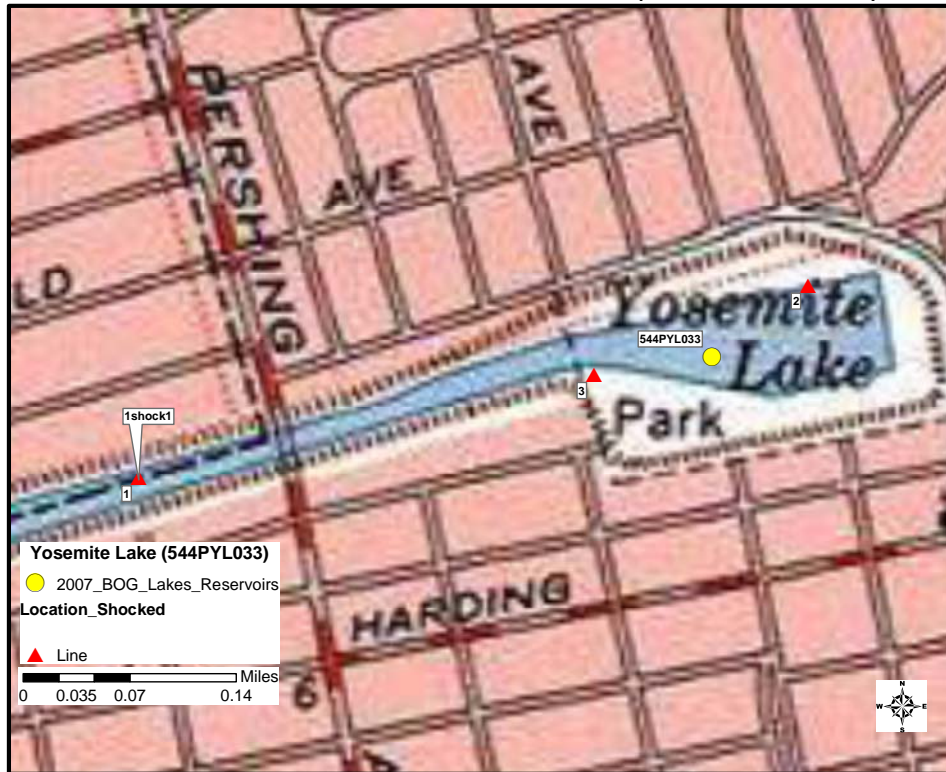
Location 2: Largemouth Bass											
TL (mm)	166	204	270	276	291	318	340	344	382	383	432
Tag #	9562	9563	9569	9571	9570	9572	9574	9567	9573	9564	9575

Location 2: Carp					
TL (mm)	521	565	608	636	658
Tag #	9561	9576	9577	9578	9560

**Comments:** The sampling vessel was launched from a concrete launch ramp. Two locations were sampled using the electrofisher boat. A sample of largemouth bass (2 fish) and carp (5 fish) were collected at location one. At location two, a sample of largemouth bass (11 fish) and carp (5 fish) were collected. A few brown bullheads and a rainbow trout were the only other fish present.

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## 2007 BOG Yosemite Lake (544PYL033)



**Latitude:** 37.96702

**Longitude:** -121.30875

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** August 7, 2007 (Trip 10)

**Samplers:** Billy Jakl, Sean Mundell

**Fish caught:**

Largemouth Bass											
<b>TL (mm)</b>	212	240	255	298	306	320	345	370	400	435	446
<b>Tag #</b>	8144	8143	8142	8141	8139	8137	8136	8138	8140	8134	8135

Carp										
<b>TL (mm)</b>	446	452	455	456	456	465	470	559	570	600
<b>Tag #</b>	8129	8131	8128	8130	8133	8132	8125	8126	8127	8124

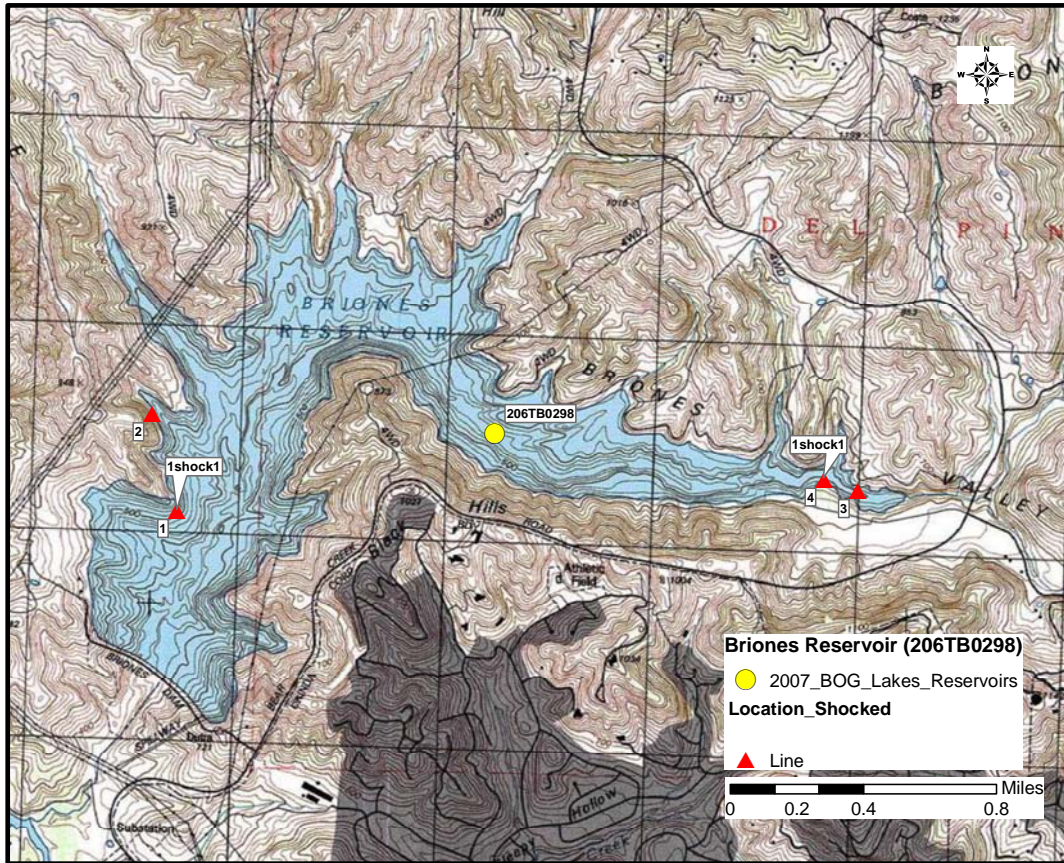
**Comments:** The sampling vessel was launched from a concrete launch ramp. Two species of fish were collected using the electrofisher boat. A sample for both species was

collected: largemouth bass (11 fish) and carp (10 fish). Other fish present were: bluegill, goldfish and threadfin shad.

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## 2007 BOG Briones Reservoir (206TB0298)



**Latitude:** 37.92423

**Longitude:** -122.19054

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** November 20, 2007 (Trip 24)

**Samplers:** Gary Ichikawa, Jon Goetzl

**Fish caught:**

Largemouth Bass											
<b>TL (mm)</b>	361	366	369	437	444	446	448	450	459	462	469
<b>Tag #</b>	9393	9652	9399	9395	9396	9394	9654	9392	9400	9651	9397

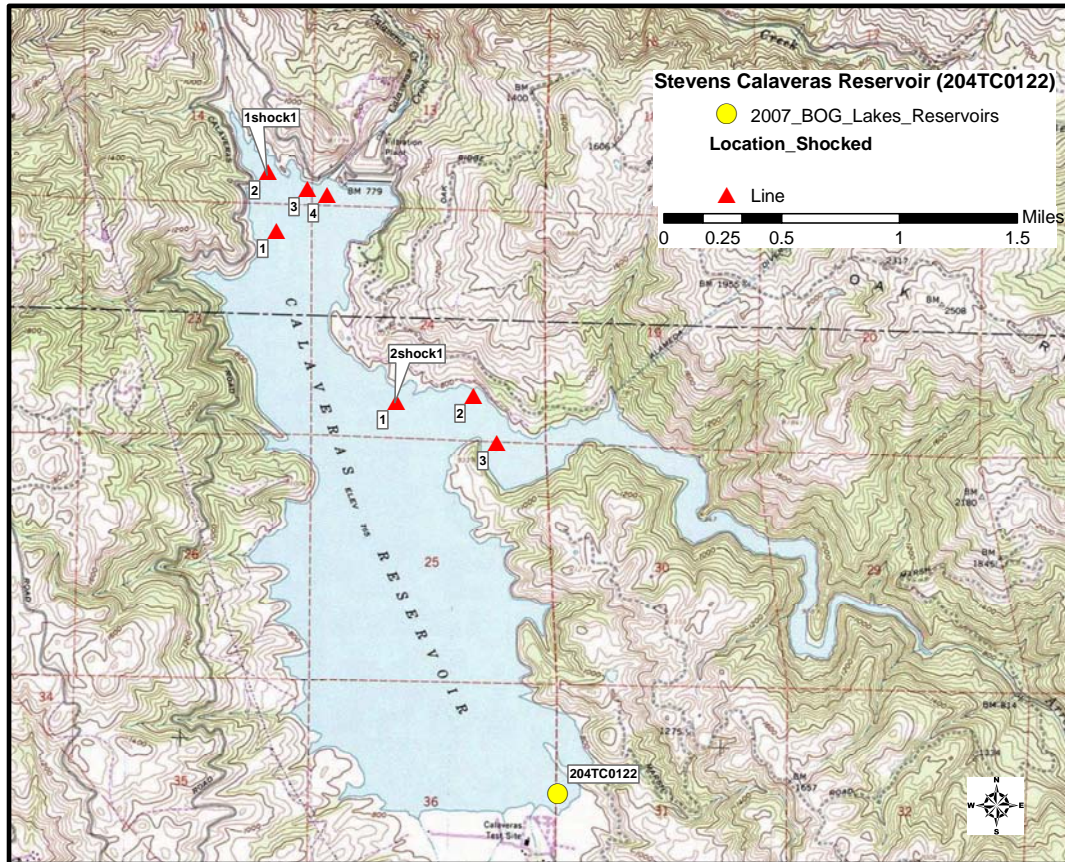
Largemouth Bass					
<b>TL (mm)</b>	474	476	477	484	491
<b>Tag #</b>	9653	9398	9390	9391	9655



**Comments:** The sampling vessel was launched from a concrete ramp. A sample of largemouth bass (16 fish) was collected using the electrofisher boat. No bottom species were collected.

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## 2007 BOG Calaveras Reservoir (204TC0122)



**Latitude:** 37.4553

**Longitude:** -121.80513

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** July 16, 2007 (Trip 7)

**Samplers:** John Negrey, Bryan Frueh

**Fish caught:**

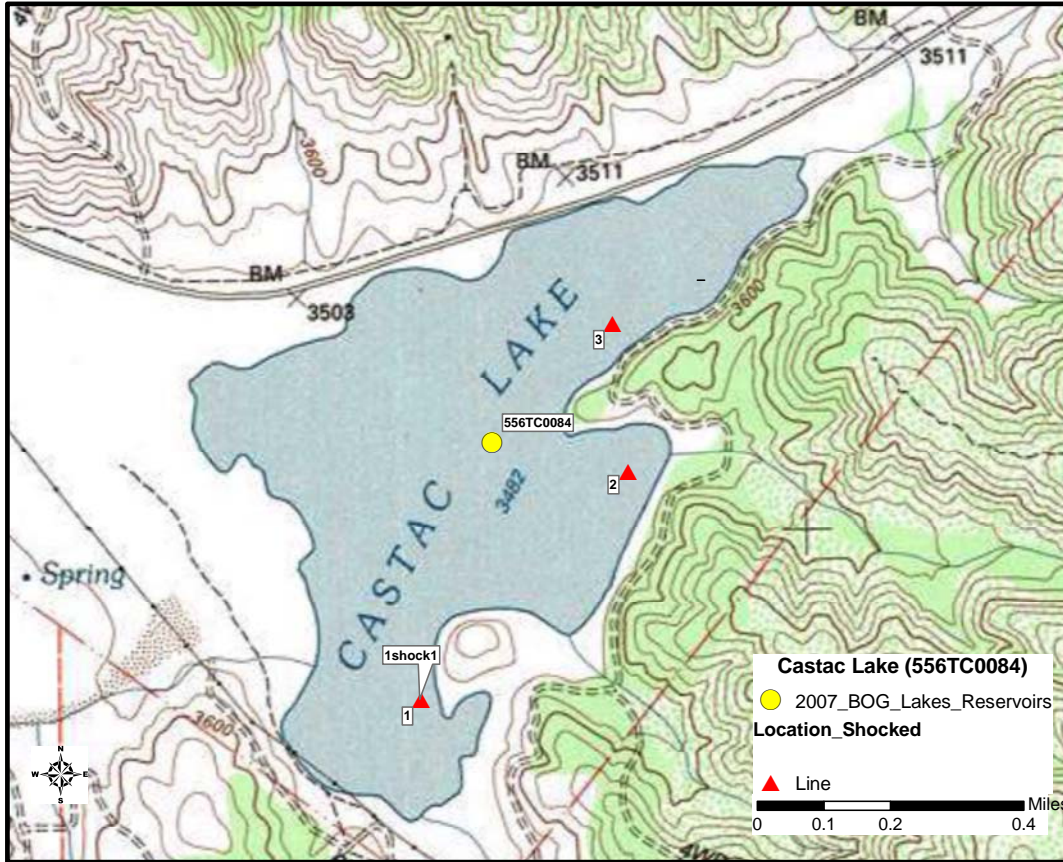
Location 1: Largemouth Bass											
<b>TL (mm)</b>	354	355	375	383	387	390	406	418	434	436	475
<b>Tag #</b>	2814	2812	2815	2821	2813	2811	2818	2817	2816	2820	2819

Location 2: Largemouth Bass											
<b>TL (mm)</b>	331	337	381	400	403	407	414	424	429	441	491
<b>Tag #</b>	2801	2800	2804	2802	2810	2803	2808	2806	2809	2805	2807

**Comments:** The sampling vessel was launched from a concrete launch ramp that was accessed through the main park entrance. Two locations were sampled using the electrofisher boat. A sample of largemouth bass (11 fish) was collect at each location. No other fish were seen.

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## 2007 BOG Castac Lake (556TC0084)



**Latitude:** 34.83531

**Longitude:** -118.84261

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** June 19, 2007 (Trip 3)

**Samplers:** Gary Ichikawa, Jon Goetzl

**Fish caught:**

Largemouth Bass											
TL (mm)	295	299	341	354	388	390	405	407	422	441	442
Tag #	2654	2653	2656	2652	2647	2651	2649	2657	2648	2644	2659

Largemouth Bass					
TL (mm)	448	448	450	468	475
Tag #	2645	2655	2646	2658	2650

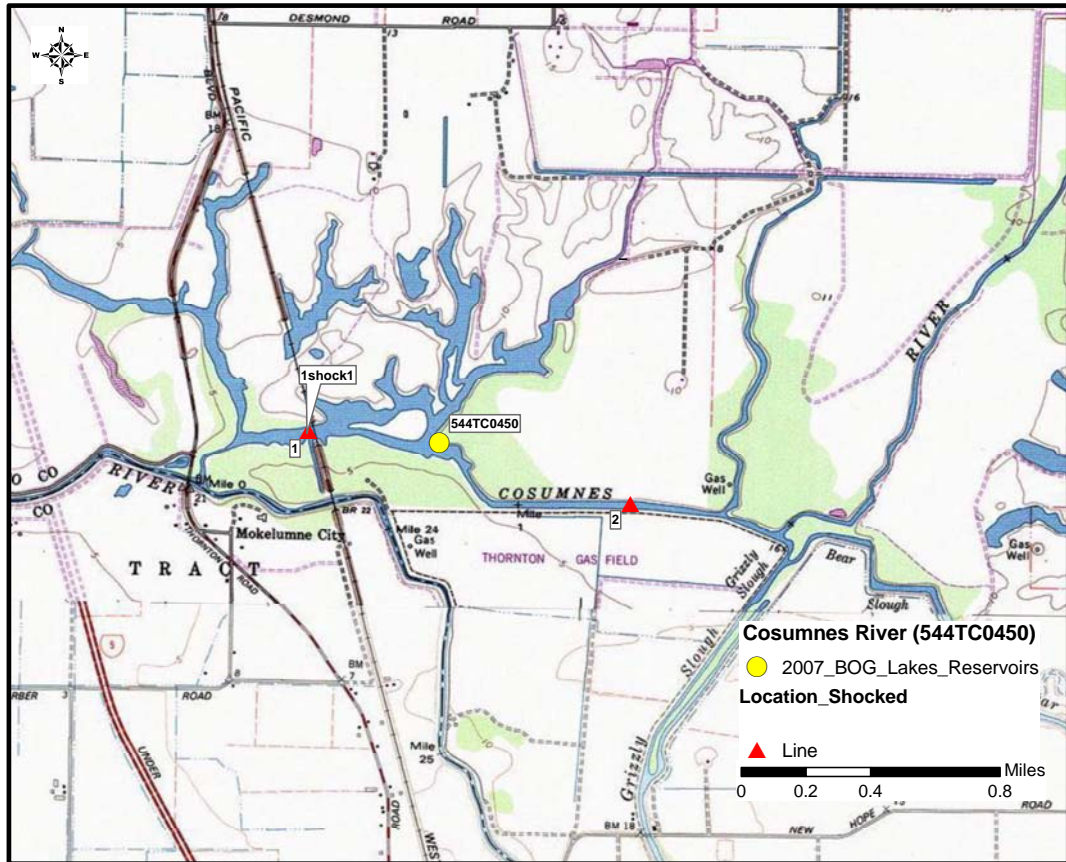
<b>Black Crappie</b>										
<b>TL (mm)</b>	225	230	233	240	240	248	248	260	265	268
<b>Tag #</b>	2665	2664	2669	2667	2668	2663	2666	2662	2660	2661

**Comments:** The sampling vessel was launched from a ramp that was accessed through Lana Van Meter (Manager). Two species of fish were collected using the electrofisher boat. A sample for both species was collected: largemouth bass (16 fish) and black crappie (10 fish). Bluegill was the only other fish seen.

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## 2007 BOG Cosumnes River (544TC0450)



**Latitude:** 38.25721

**Longitude:** -121.42585

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** November 5, 2007 (Trip 22)

**Samplers:** Dylan Service, Kyle Skaff

**Fish caught:**

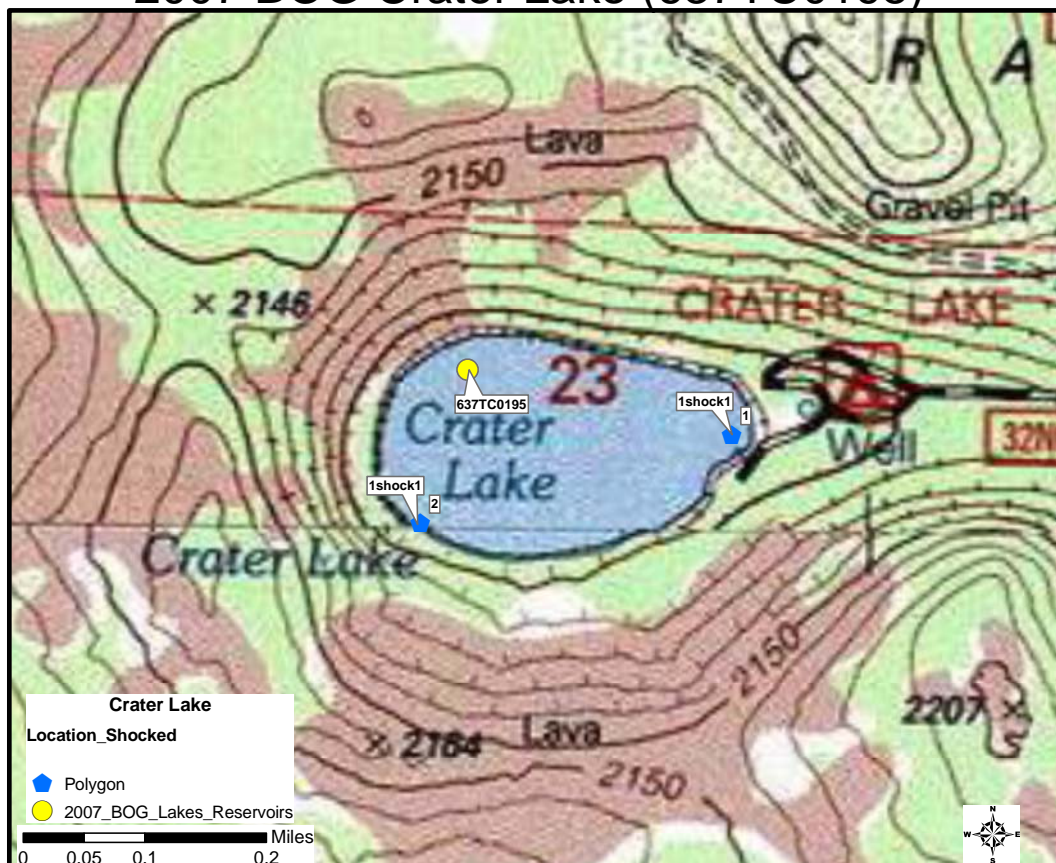
Largemouth Bass											
TL (mm)	232	242	263	277	305	306	309	328	332	334	342
Tag #	09354	09355	09356	09357	09365	09367	09366	09369	09361	09360	09358

Largemouth Bass					
TL (mm)	351	375	377	412	424
Tag #	09368	09362	09359	09363	09364

**Comments:** The sampling vessel was launched from a concrete launch ramp at Whippy's Marina. A sample of largemouth bass (16 fish) was collected using the electorfisher boat. No bottom species were collected.

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## 2007 BOG Crater Lake (637TC0195)



**Latitude:** 40.62611

**Longitude:** -121.04736

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** October 8, 2007 (Trip 18)

**Samplers:** Billy Jakl, Dylan Service

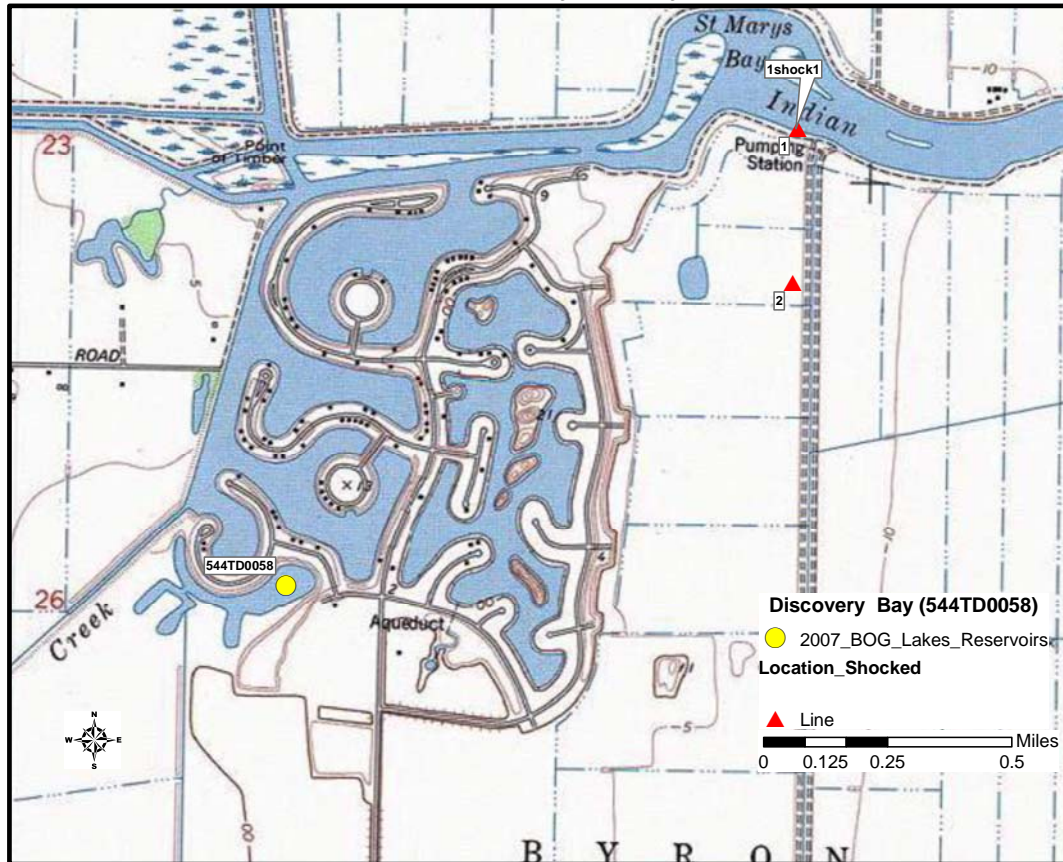
**Fish caught:**

Rainbow Trout										
TL (mm)	247	259	259	263	292	296	301	304	304	319
Tag #	8318	8313	8319	8312	8316	8317	8314	8315	8320	8311

**Comments:** The sampling vessel was launched from the bank. A sample of rainbow trout (10 fish) was collected using the electrofisher boat. No bottom species were collected. The entire lake was shocked and no other fish were present.

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## 2007 BOG Discovery Bay (544TD0058)



**Latitude:** 37.90449  
**Longitude:** -121.60561

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** August 6, 2007 (Trip 10)

**Samplers:** Dylan Service, Gary Ichikawa

**Fish caught:**

Largemouth Bass											
<b>TL (mm)</b>	202	240	262	279	338	349	353	360	361	364	366
<b>Tag #</b>	7259	7260	7261	7262	7272	7267	7266	7263	7268	7265	7264

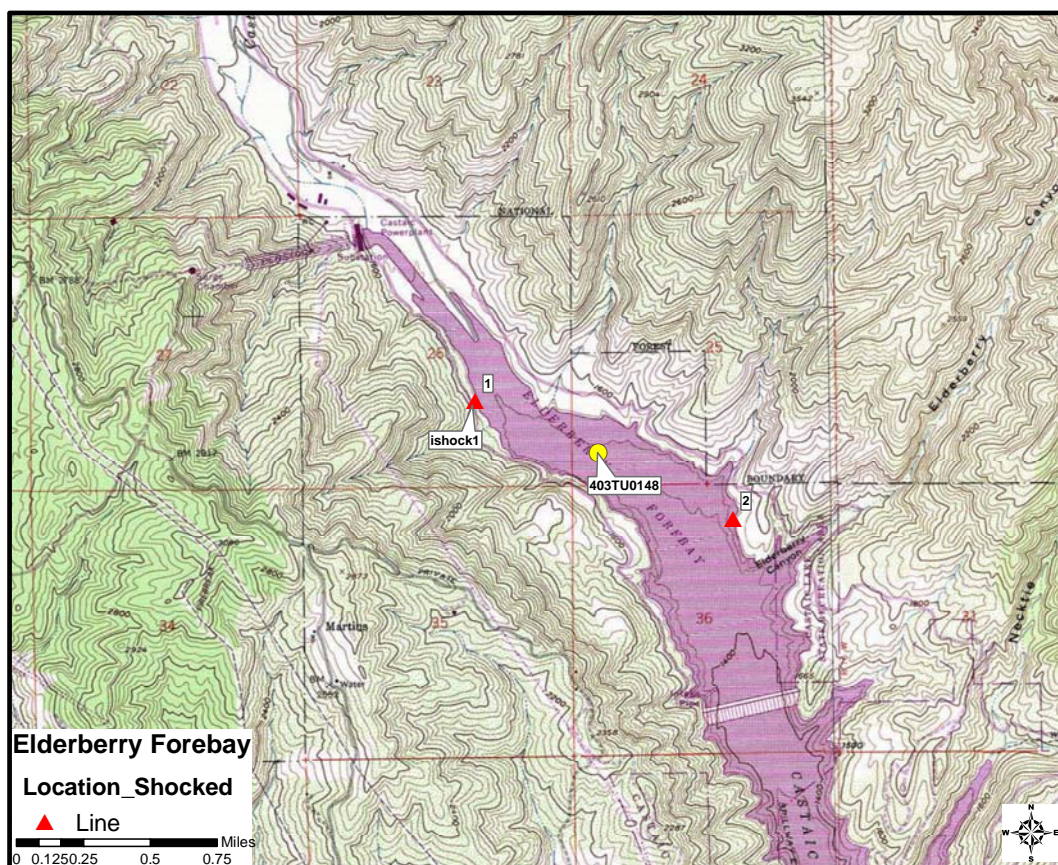
Largemouth Bass					
<b>TL (mm)</b>	370	383	390	450	454
<b>Tag #</b>	7269	7270	7271	7274	7273

**Comments:** The sampling vessel was launched from a concrete launch ramp. A sample of largemouth bass (16 fish) was collected using the electrofisher boat. No bottom species were collected and no other fish were present.

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## 2007 R4 BOG Elderberry Forebay (403TU0148)



**Latitude:** 34.57562

**Longitude:** -118.64111

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** June 19, 2007 (Trip 3)

**Samplers:** Gary Ichikawa, Jon Goetzl

**Fish caught:**

Largemouth Bass											
<b>TL (mm)</b>	225	238	261	280	317	318	322	325	332	355	360
<b>Tag #</b>	2639	2637	2638	2636	2640	2642	2643	2641	2635	2627	2628

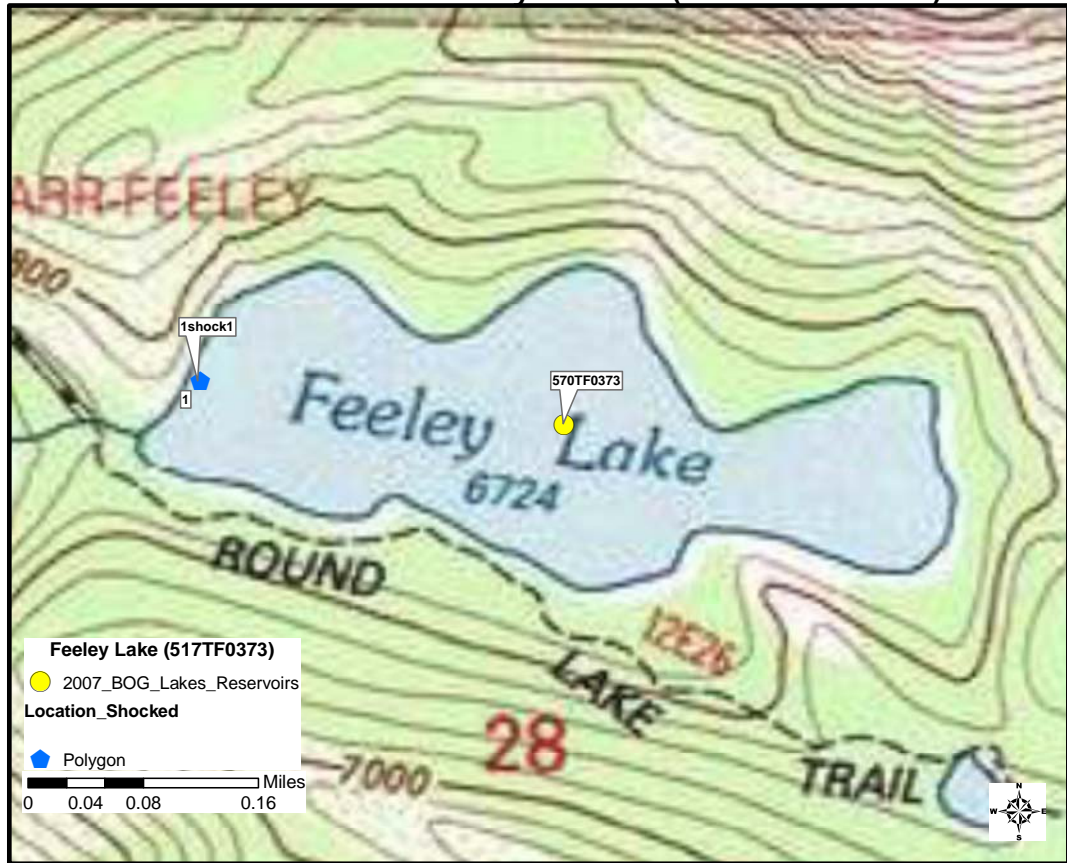
Largemouth Bass					
<b>TL (mm)</b>	370	382	405	408	409
<b>Tag #</b>	2633	2634	2629	2632	2630

Channel Catfish										
<b>TL (mm)</b>	488	525	538	573	575	605	605	609	695	695
<b>Tag #</b>	2626	2624	2625	2622	2623	2619	2620	2618	2617	2621

**Comments:** The sampling vessel was launched from a ramp that was accessed through Dan Semore (Manager). Two species of fish were collected using the electrofisher boat. A sample for both species was collected: largemouth bass (16 fish) and channel catfish (10 fish). Other fish seen were: redear sunfish and striped bass.

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## 2007 BOG Feeley Lake (517TF0373)



**Latitude:** 39.40041

**Longitude:** -120.63290

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** October 9, 2007 (Trip 18)

**Samplers:** Billy Jakl, Dylan Service

**Fish caught:**

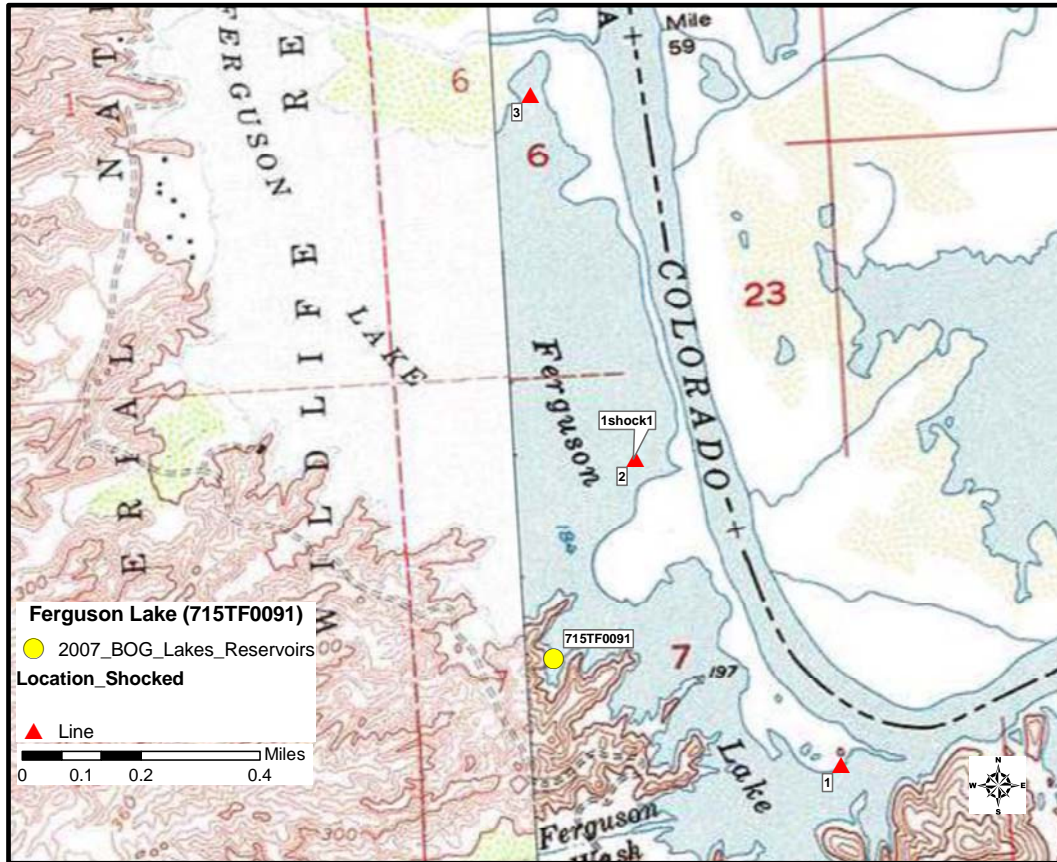
Brown Bullhead				
TL (mm)	149	156	160	193
Tag #	8323	8321	8324	8322

**Comments:** The sampling vessel was launched from the bank. A sample of brown bullhead (4 fish) was collected using the electrofisher boat. No predator species were collected. The entire lake was shocked and no other fish were present.

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## 2007 BOG Ferguson Lake (715TF0091)



**Latitude:** 32.97204

**Longitude:** -114.49999

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** August 29, 2007 (Trip 13)

**Samplers:** Sean Mundell, Steve Martenuk

**Fish caught:**

Largemouth Bass											
TL (mm)	235	235	240	250	280	305	306	306	307	312	335
Tag #	09245	09246	09247	09244	09248	09249	09251	09252	09250	09253	09254

Largemouth Bass					
TL (mm)	345	348	358	378	562
Tag #	09255	09258	09257	09256	09259

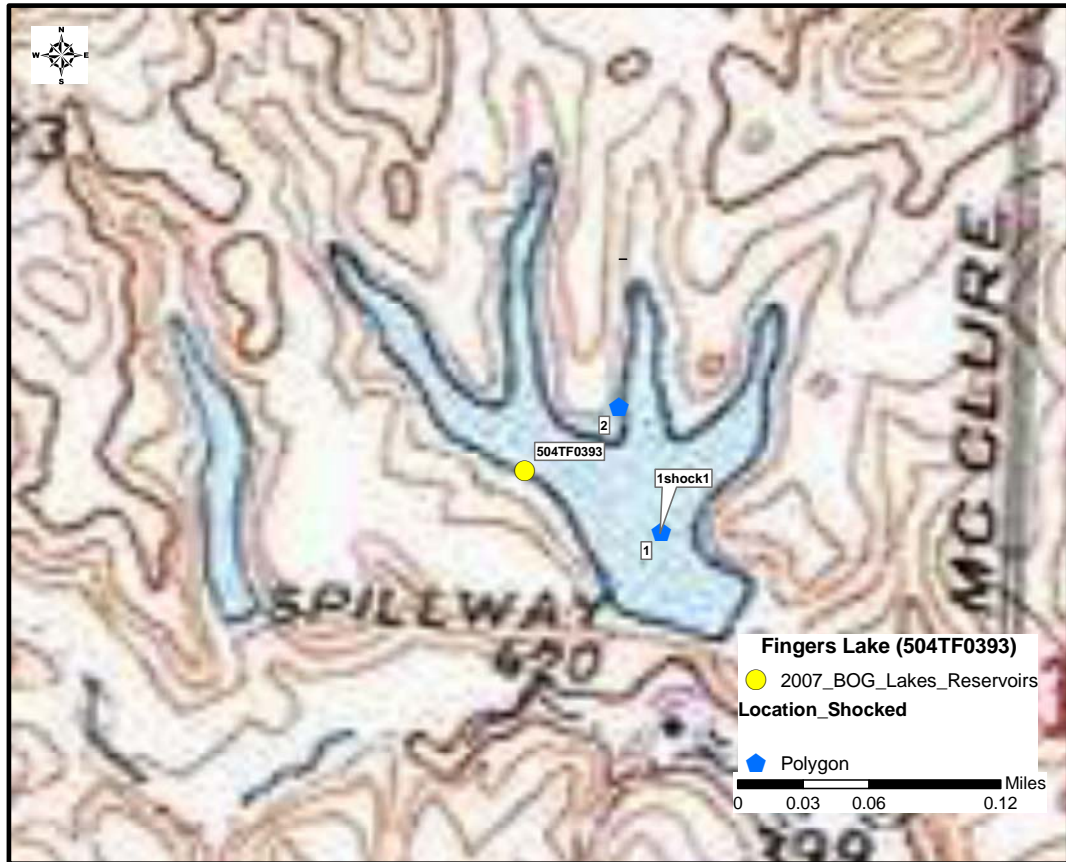
<b>Carp</b>										
<b>TL (mm)</b>	505	525	525	525	530	530	550	555	620	625
<b>Tag #</b>	09264	09261	09265	09267	09260	09263	09262	09266	09269	09268

**Comments:** The sampling vessel was launched from a concrete launch ramp. Two species of fish were collected using the electrofisher boat. A sample for both species was collected: largemouth bass (16 fish) and carp (10 fish). Other fish present were: channel catfish, redear sunfish and brown bullhead.

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## 2007 BOG Fingers Lake (504TF0393)



**Latitude:** 40.19519

**Longitude:** -122.28842

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** October 8, 2007 (Trip 18)

**Samplers:** Billy Jakl, Dylan Service

**Fish caught:**

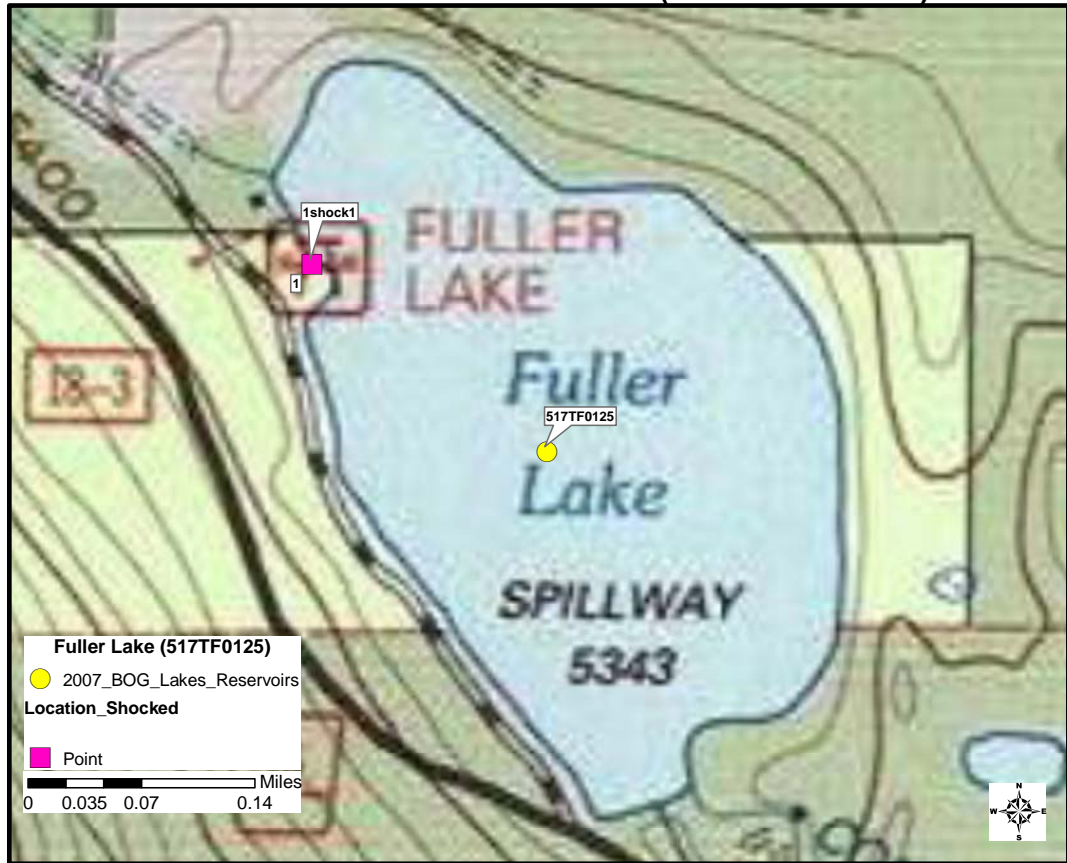
Largemouth Bass											
<b>TL (mm)</b>	214	246	274	299	311	311	314	319	324	326	354
<b>Tag #</b>	8325	8326	8327	8328	8331	8338	8335	8334	8339	8333	8332

Largemouth Bass					
<b>TL (mm)</b>	356	359	379	424	454
<b>Tag #</b>	8340	8337	8336	8341	8342

**Comments:** The sampling vessel was launched from the bank. A sample of largemouth bass (16 fish) was collected using the electorfisher boat. No bottom species were collected. Bluegill and black crappie were the only other fish seen after shocking the entire lake.

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## 2007 BOG Fuller Lake (517TF0125)



**Latitude:** 39.34817

**Longitude:** -120.65202

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** September 5, 2007 (Trip 14)

**Samplers:** Gary Ichikawa, Dylan Service

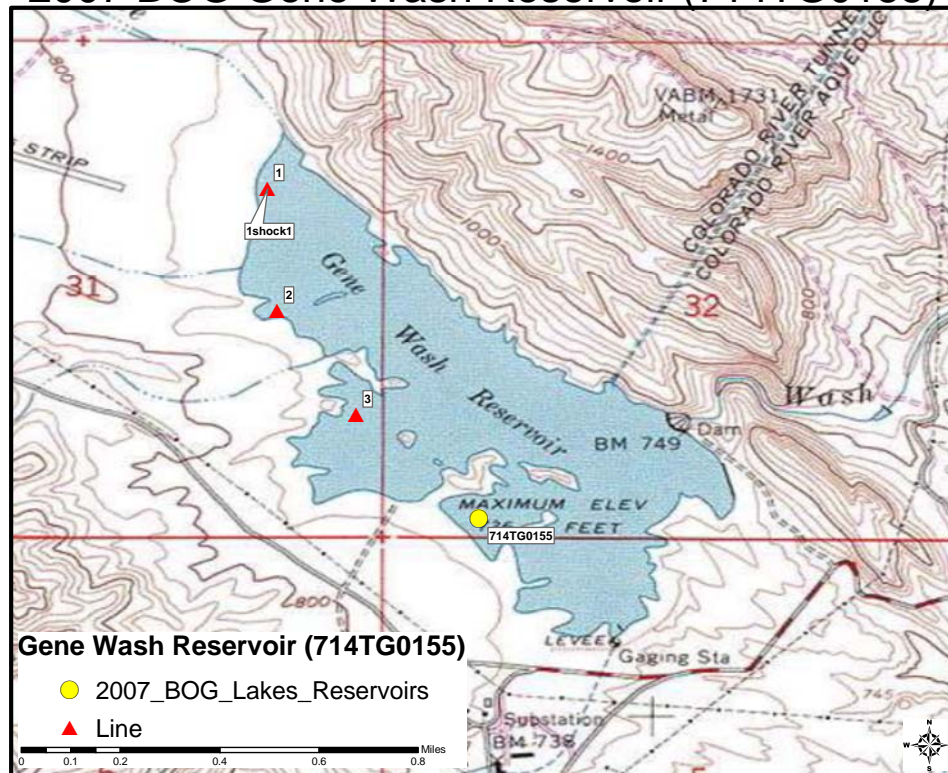
**Fish caught:**

Brown Trout										
<b>TL (mm)</b>	309	314	319	324	329	332	344	362	369	399
<b>Tag #</b>	7968	7963	7961	7966	7962	7970	7967	7964	7969	7965

**Comments:** The sampling vessel was launched from a small ramp at the entrance. A sample of brown trout (10 fish) was collected using the electrofisher boat. No bottom species were collected. Rainbow trout was the only other fish seen after shocking the entire lake

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## 2007 BOG Gene Wash Reservoir (714TG0155)



**Latitude:** 34.29739

**Longitude:** -114.17245

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** October 24, 2007 (Trip 20)

**Samplers:** Billy Jakl, Steve Martenuk

**Fish caught:**

Largemouth Bass											
<b>TL (mm)</b>	206	221	265	303	346	391	391	405	406	441	507
<b>Tag #</b>	8741	8742	8743	8744	8748	8745	8747	8746	8749	8750	8751

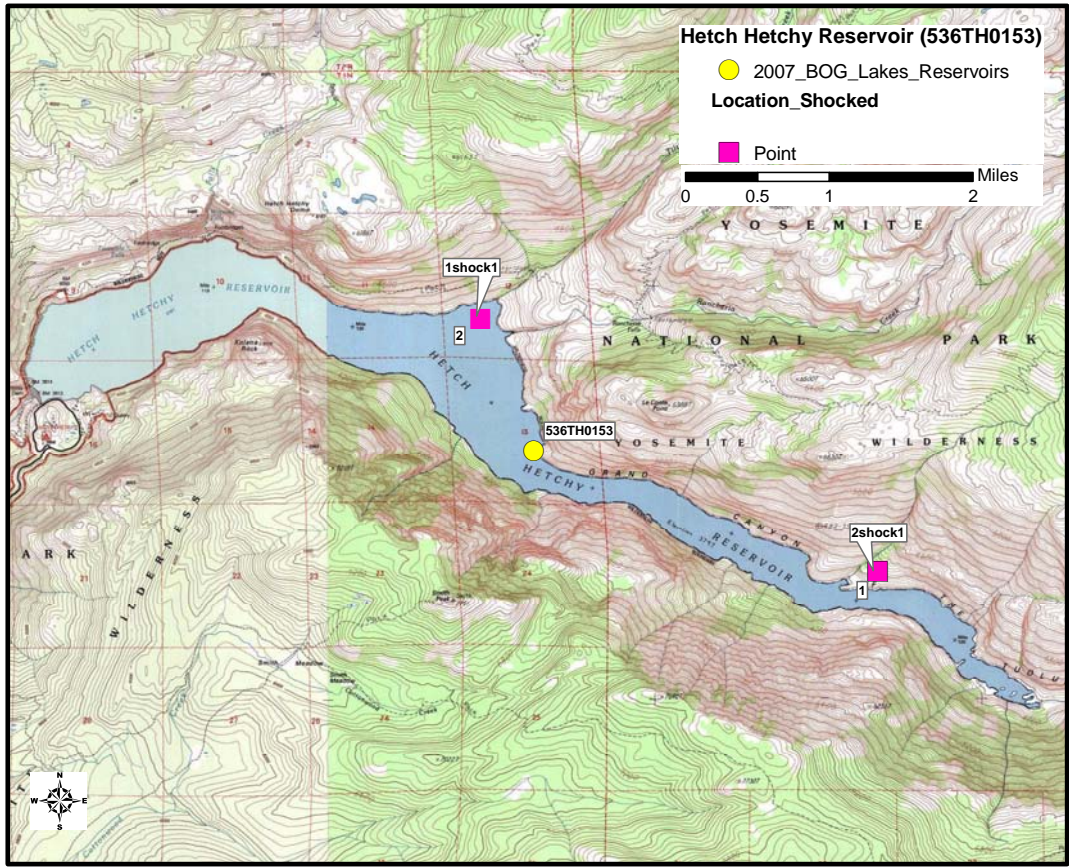
Carp										
<b>TL (mm)</b>	540	576	582	595	630	636	645	680	681	682
<b>Tag #</b>	8757	8753	8754	8759	8760	8752	8758	8755	8761	8756

**Comments:** The sampling vessel was launched from the bank. Two species of fish were collected using the electrofisher boat. A sample for both species was collected: largemouth bass (11 fish) and carp (10 fish). No other fish were present.

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# 2007 BOG Hetch Hetchy Reservoir (536TH0153)



**Latitude:** 37.94167  
**Longitude:** -119.72468

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** October 9, 2007 (Trip 18)

**Samplers:** Gary Ichikawa, Jon Geotzl

**Fish caught:**

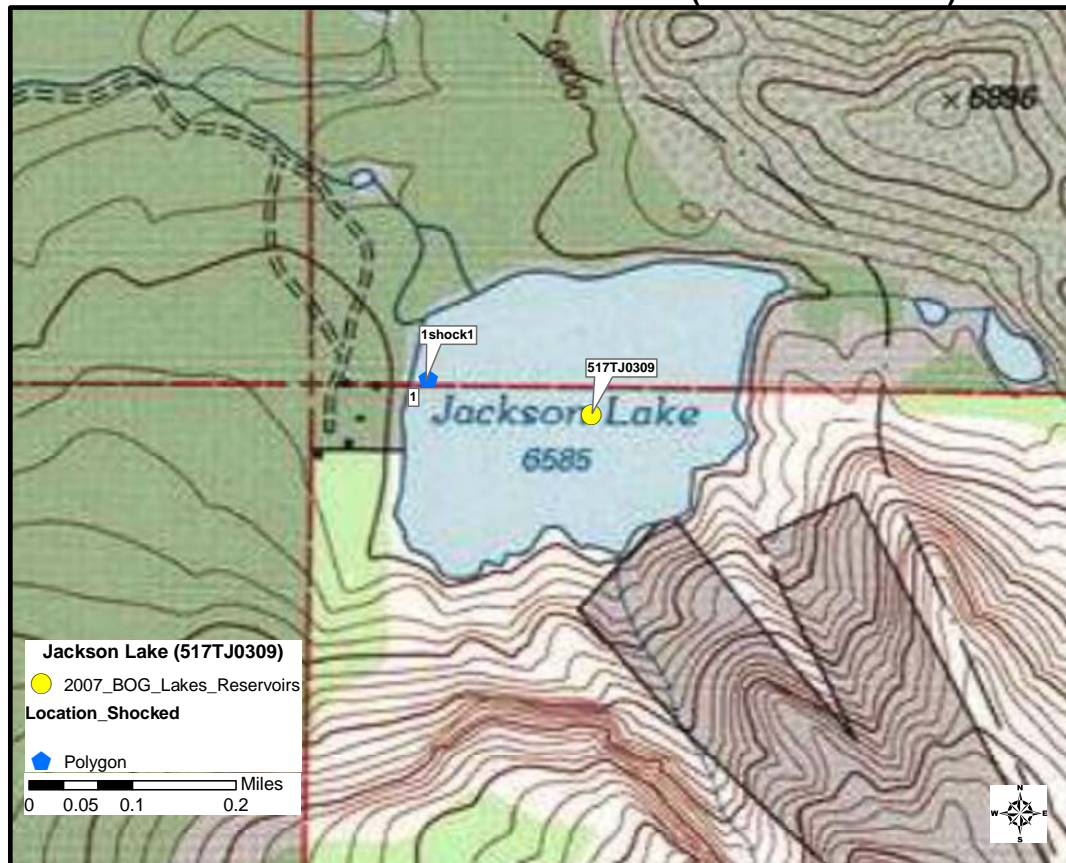
Location 1: Brown Trout					
<b>TL (mm)</b>	412	430	448	464	466
<b>Tag #</b>	9036	9037	9038	9040	9039

Location 2: Brown Trout			
<b>TL (mm)</b>	430	472	485
<b>Tag #</b>	9041	9043	9042

**Comments:** The sampling vessel was launched from the bank. Mike Fong joined the sampling team. Two locations were sampled using the electrofisher boat. A sample of rainbow trout (5 fish) was collected at location one and a sample of three fish at location two. No other fish were present.

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## 2007 BOG Jackson Lake (517TJ0309)



**Latitude:** 39.46254

**Longitude:** -120.56142

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** October 23, 2007 (Trip 20)

**Samplers:** Dylan Service, John Negrey

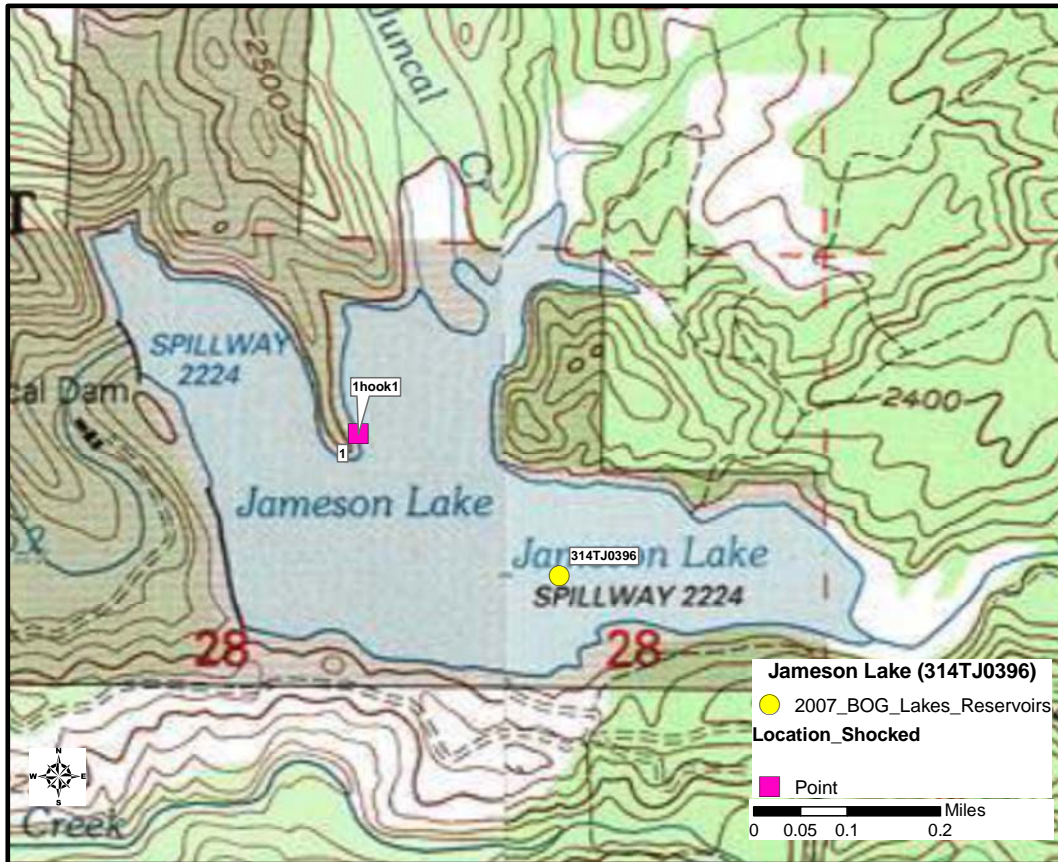
**Fish caught:** No fish Collected

**Comments:** The sampling vessel was launched from the bank. No fish were collected with the electrofisher boat. Fish were seen but they would not stun. The entire lake was shocked.

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## 2007 BOG Jameson Lake (314TJ0396)



**Latitude:** 34.48884

**Longitude:** -119.49989

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** November 20, 2007 (Trip 24)

**Samplers:** Billy Jakl, Kyle Skaff

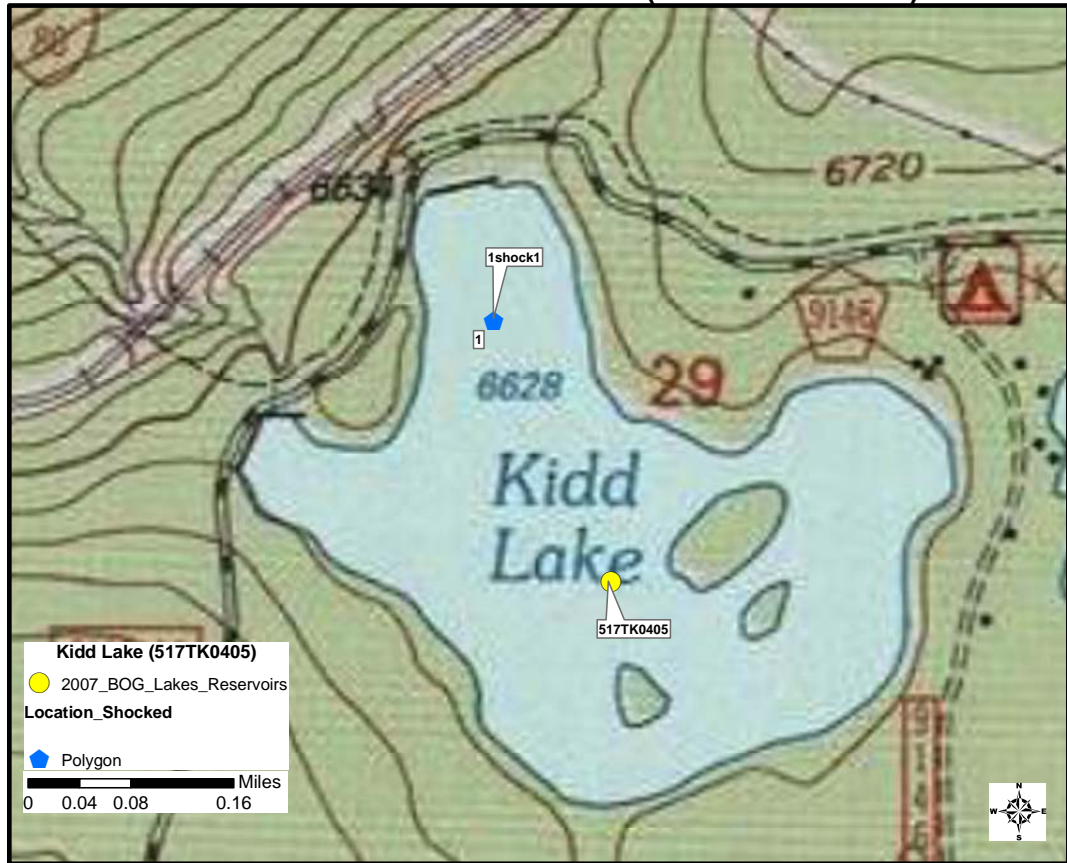
**Fish caught:**

Rainbow Trout										
<b>TL (mm)</b>	290	302	306	307	311	316	326	335	352	358
<b>Tag #</b>	09619	09615	09614	09618	09613	09617	09616	09611	09612	09610

**Comments:** The dam manager had a boat that was used to hook and line a sample of rainbow trout (10 fish). No bottom species were collected.

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## 2007 BOG Kidd Lake (517TK0405)



**Latitude:** 39.30911

**Longitude:** -120.42786

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** October 9, 2007 (Trip 18)

**Samplers:** Billy Jakl, Dylan Service

**Fish caught:**

Lake Trout	
TL (mm)	304
Tag #	8302

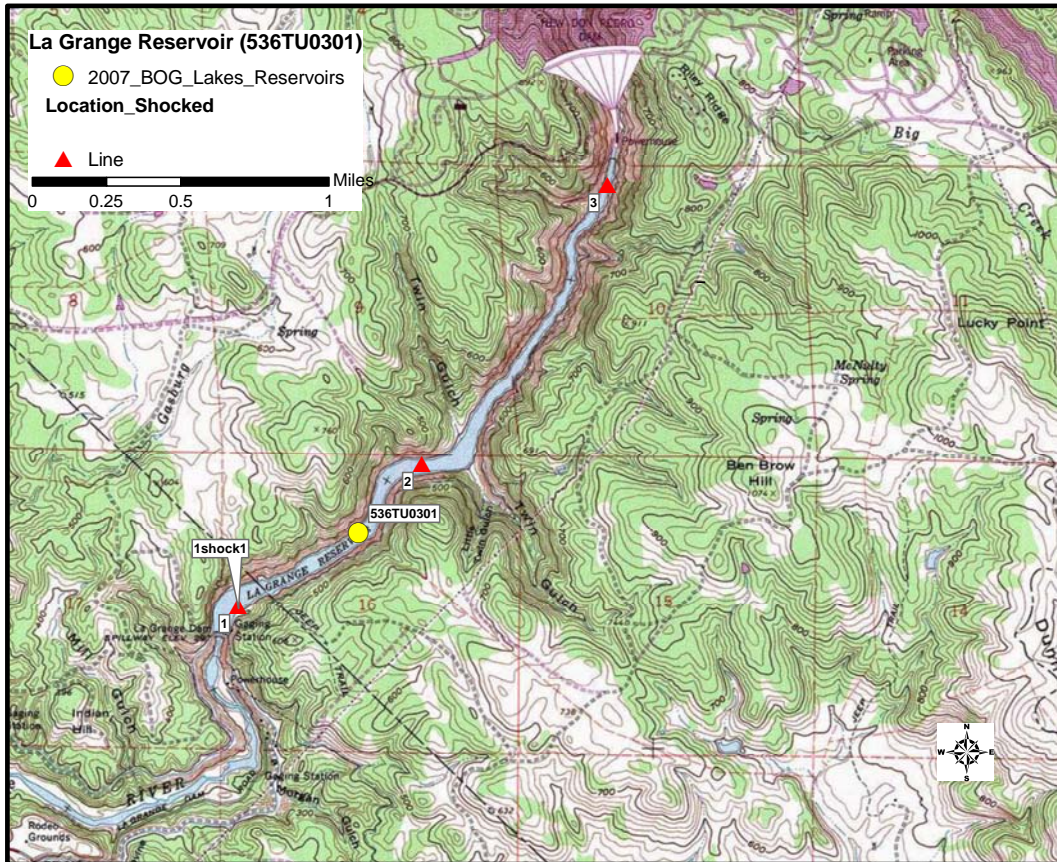
Brown Bullhead								
TL (mm)	191	194	194	196	204	204	207	225
Tag #	8305	8307	8309	8308	8303	8306	8304	8310



**Comments:** The sampling vessel was launched from the bank. Two species of fish were collected using the electrofisher boat. A sample for both species was collected: lake trout (1 fish) and brown bullhead (8 fish). No other fish were present after shocking the entire lake.

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# 2007 BOG La Grange Reservoir (536TU0301)



**Latitude:** 37.67703

**Longitude:** -120.43591

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** November 8, 2007 (Trip 22)

**Samplers:** Dylan Service, Kyle Skaff

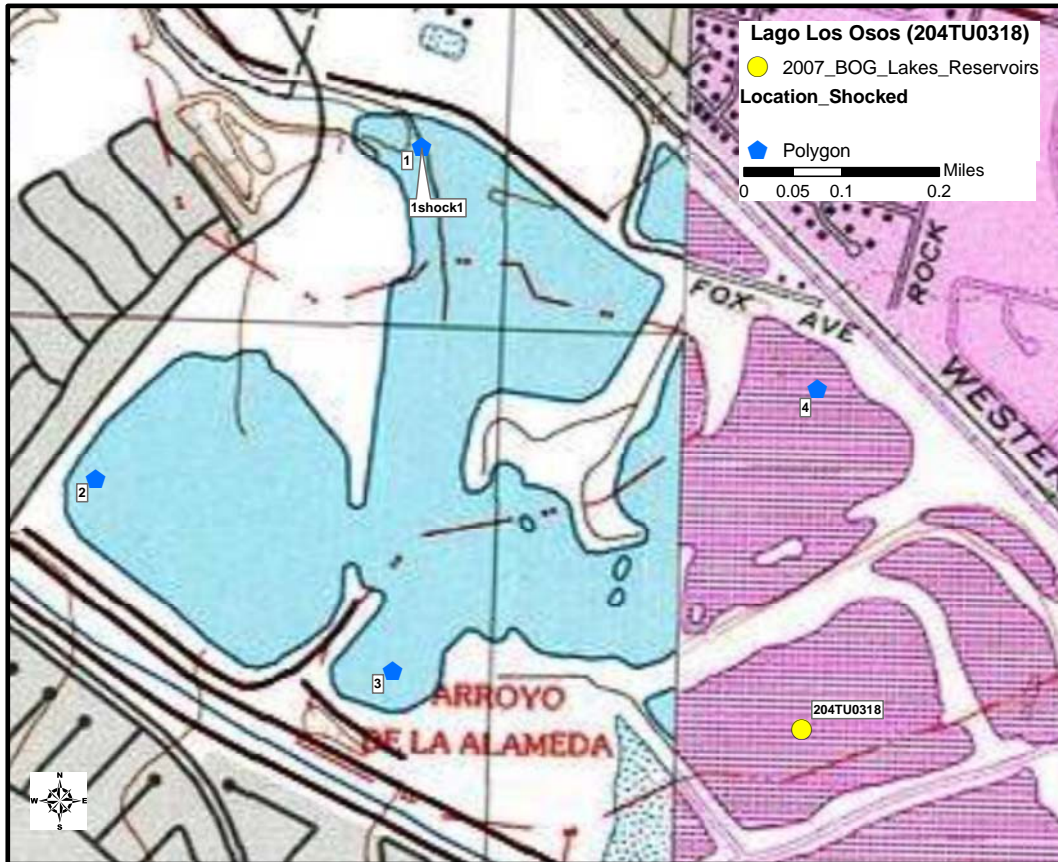
**Fish caught:**

Rainbow Trout										
<b>TL (mm)</b>	217	220	233	234	242	242	244	249	264	271
<b>Tag #</b>	09080	09081	09077	09076	09074	09075	09083	09082	09078	09079

**Comments:** The sampling vessel was launched from the dam spillway (Myron dam supervisor). A sample of rainbow trout (10 fish) was collected using the electrofisher boat. No bottom species were collected.

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## 2007 BOG Lago Los Osos (204TU0318)



**Latitude:** 37.56982

**Longitude:** -121.99866

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** October 8, 2007 (Trip 18)

**Samplers:** Gary Ichikawa, Jon Geotzl

**Fish caught:**

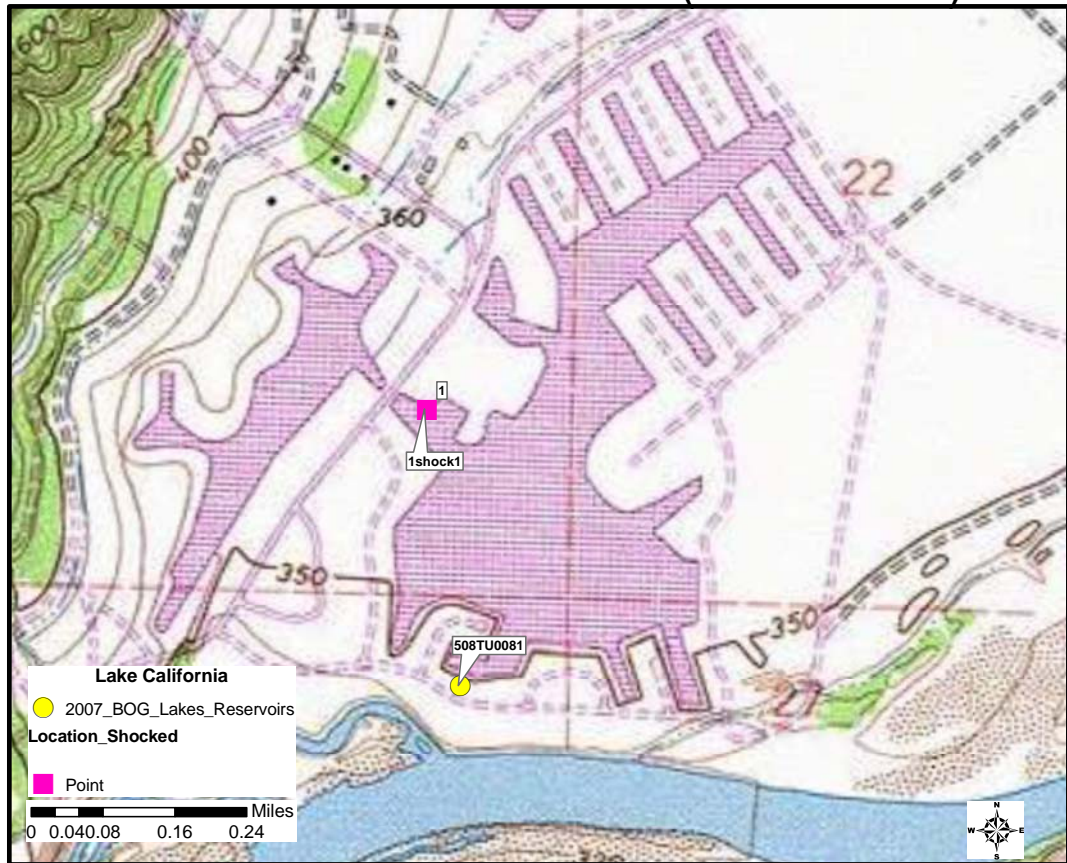
Channel Catfish		
TL (mm)	490	570
Tag #	9014	9013

**Comments:** The sampling vessel was launched from the bank. A sample of channel catfish (2 fish) was collected using the electrofisher boat. No predator species were collected. No other fish were present after shocking the entire lake.

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## 2007 BOG Lake California (508TU0081)



**Latitude:** 40.34438

**Longitude:** -122.2006

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** August 15, 2007 (Trip 11)

**Samplers:** Gary Ichikawa, John Negrey

**Fish caught:**

Largemouth Bass											
<b>TL (mm)</b>	180	193	244	250	281	329	342	352	360	369	372
<b>Tag #</b>	8008	8009	8010	8011	8012	8022	8015	8014	8018	8019	8016

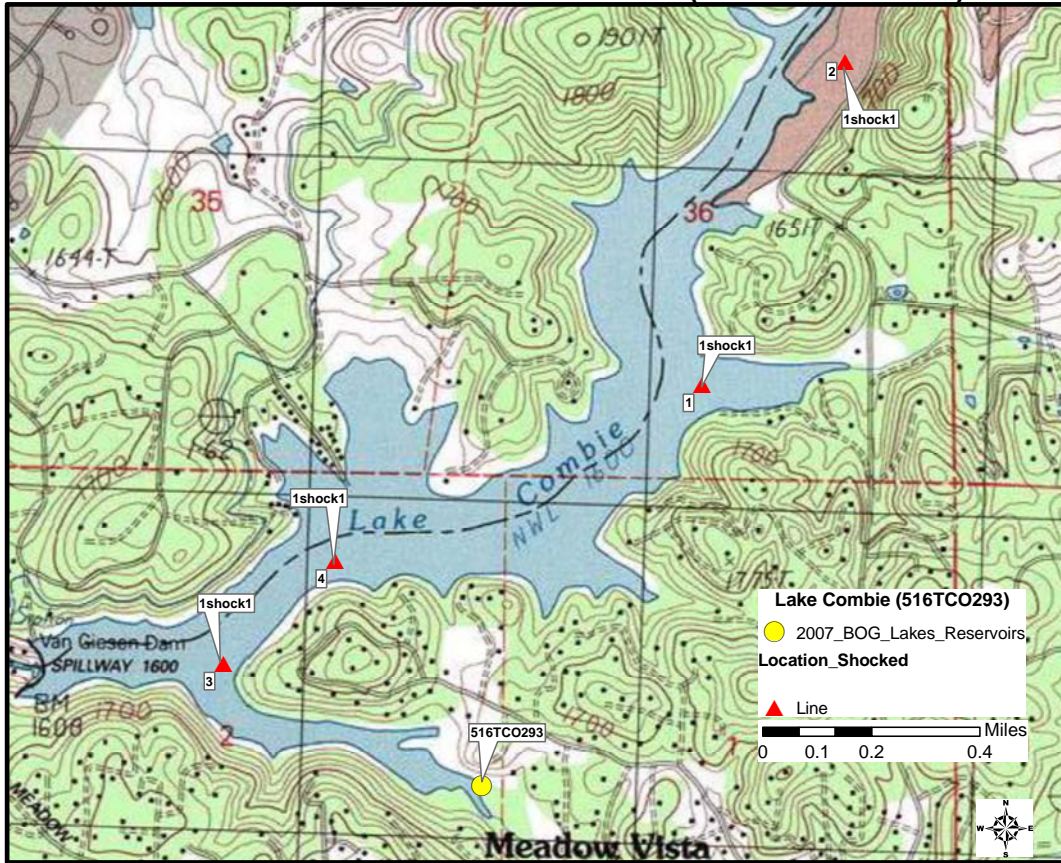
Largemouth Bass					
<b>TL (mm)</b>	375	375	380	392	415
<b>Tag #</b>	8017	8021	8013	8020	8023

**Comments:** The sampling vessel was launched from a concrete launch ramp. A sample of largemouth bass (17 fish) was collected using the electrofisher boat. No bottom species were collected. Bluegill was the only other fish present.

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## 2007 BOG Lake Combie (516TC0293)



**Latitude:** 39.0067  
**Longitude:** -121.04311

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** November 19, 2007 (Trip 24)

**Samplers:** Gary Ichikawa, Jon Geotzl

**Fish caught:**

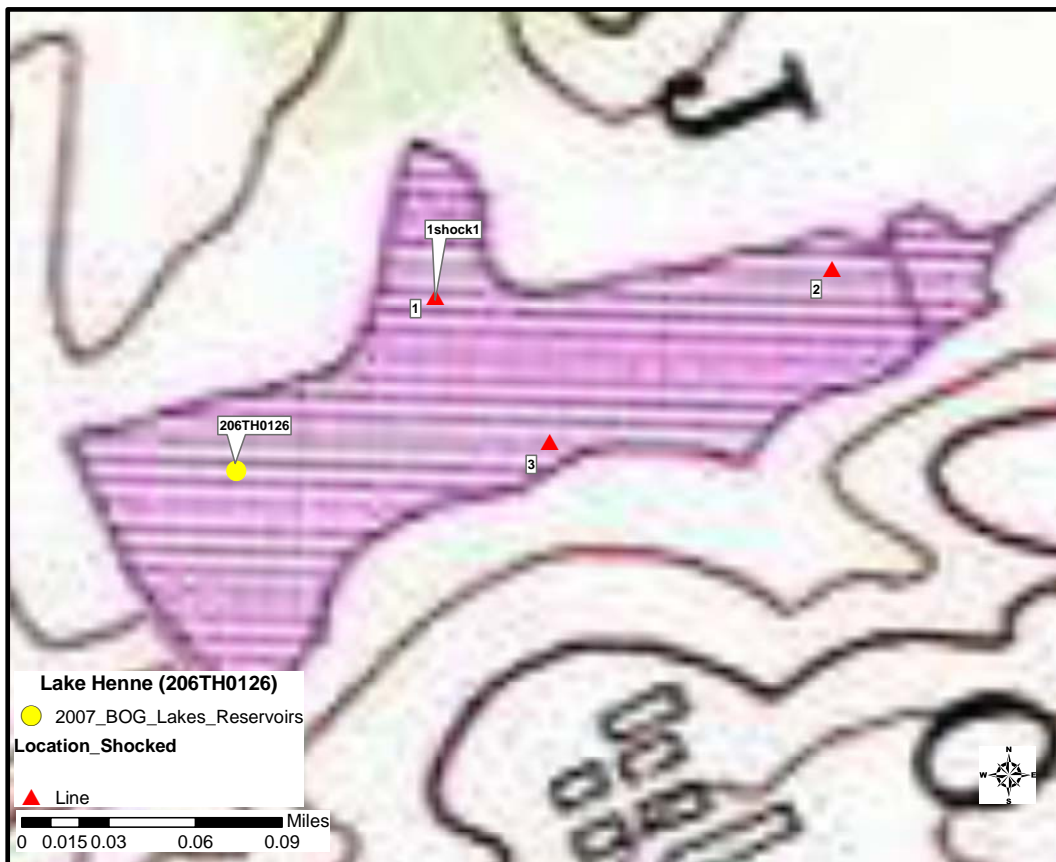
Largemouth Bass											
<b>TL (mm)</b>	209	364	371	379	390	394	399	401	406	454	503
<b>Tag #</b>	9676	9666	9673	9671	9669	9670	9672	9667	9668	9674	9675

Sacramento Sucker										
<b>TL (mm)</b>	423	426	426	431	434	441	444	459	464	486
<b>Tag #</b>	09658	09656	09662	09663	09657	09665	09664	09661	09659	09660

**Comments:** The sampling vessel was launched from a concrete ramp. Two species of fish were collected using the electorfisher boat. A sample for both species was collected: largemouth bass (11 fish) and Sacramento sucker (10 fish). Sacramento pikeminnow and rainbow trout were the only other fish present.

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## 2007 BOG Lake Henne (206TH0126)



**Latitude:** 38.58773

**Longitude:** -122.46204

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** August 29, 2007 (Trip 13)

**Samplers:** Gary Ichikawa, Jon Goetzl

**Fish caught:**

Largemouth Bass											
<b>TL (mm)</b>	225	241	290	295	308	308	316	331	349	351	354
<b>Tag #</b>	9585	9586	9588	9587	9589	9590	9591	9593	9594	9596	9592

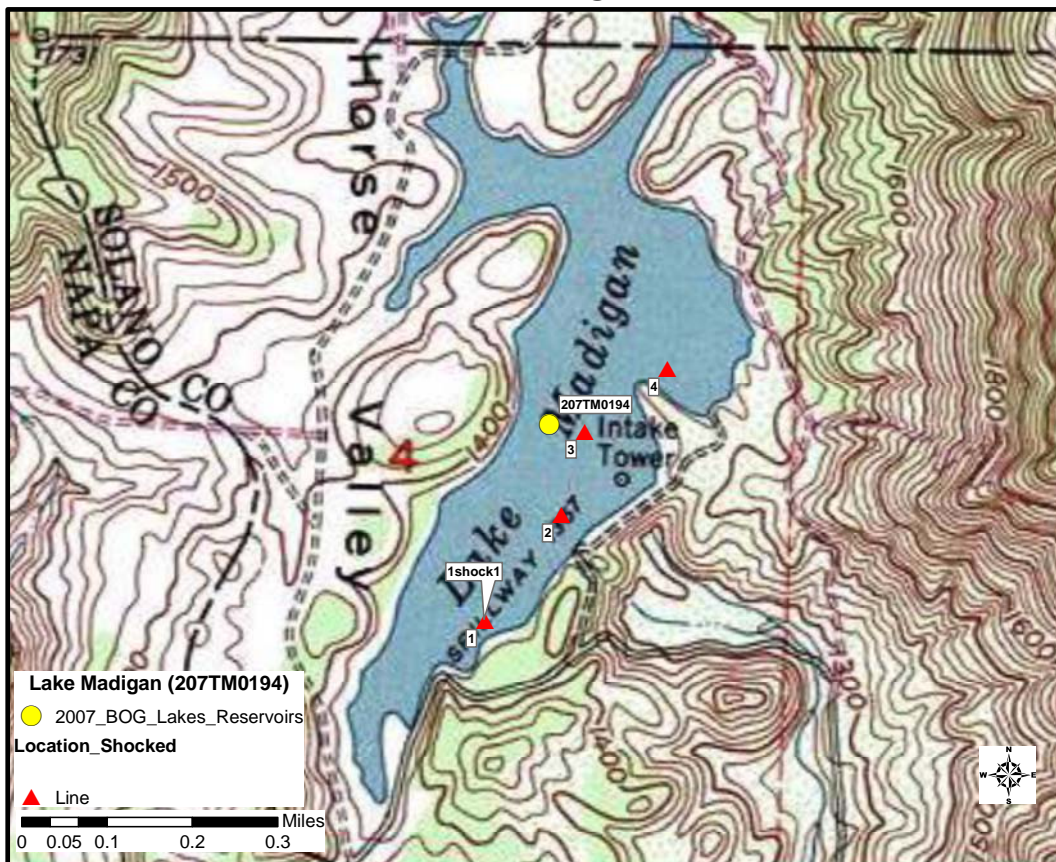
Largemouth Bass					
<b>TL (mm)</b>	367	385	390	417	431
<b>Tag #</b>	9595	9597	9598	9599	9600

**Comments:** The sampling vessel was launched from a concrete launch ramp. A sample of largemouth bass (16 fish) was collected using the electrofisher boat. The entire lake was shocked and no other fish were present.

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## 2007 BOG Lake Madigan (207TM0194)



**Latitude:** 38.30934

**Longitude:** -122.19492

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** July 9, 2007 (Trip 6)

**Samplers:** John Negrey, Kyle Skaff

**Fish caught:**

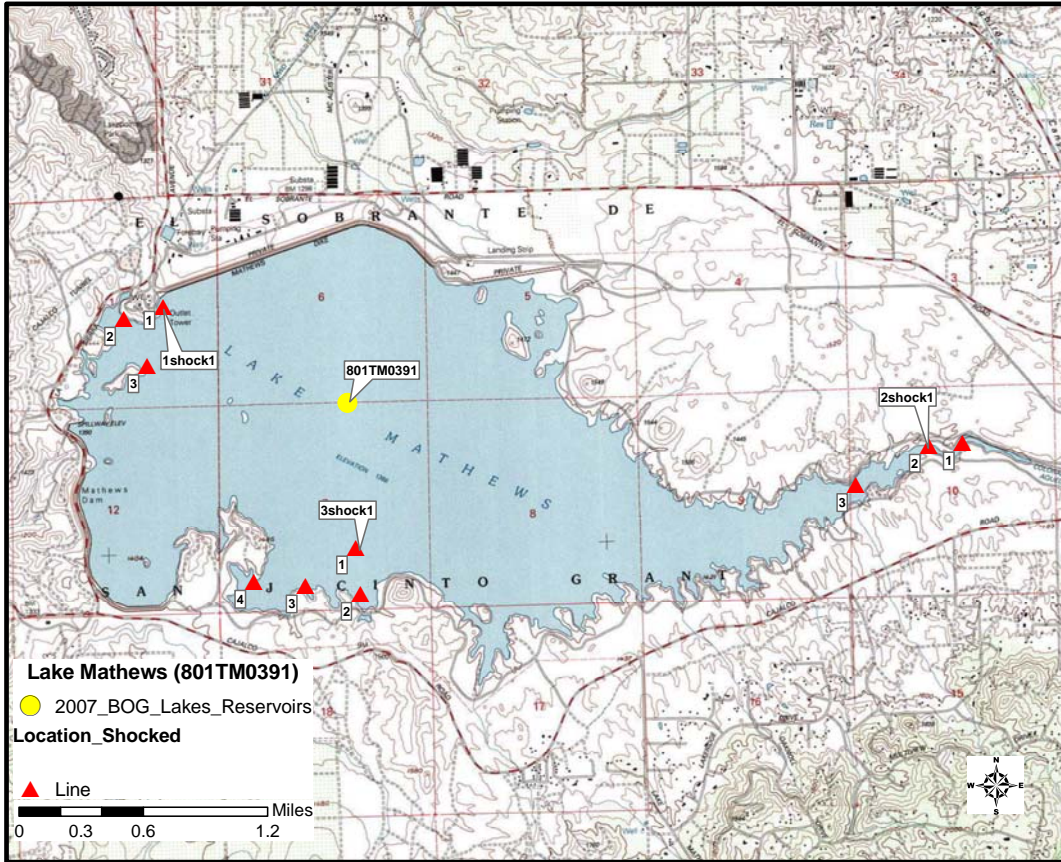
Bluegill										
<b>TL (mm)</b>	127	128	130	135	140	144	155	160	165	165
<b>Tag #</b>	2757	2758	2764	2763	2766	2761	2765	2760	2759	2762

**Comments:** The sampling vessel was launched from a small ramp at the entrance. A sample for bluegill (10 fish) was collected using the electrofisher boat. No bottom species were collected. California roach was the only other fish seen.

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# 2007 BOG Lake Mathews (801TM0391)



**Latitude:** 33.83620  
**Longitude:** -117.42284

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** November 20, 2007 (Trip 24)

**Samplers:** Billy Jakl, Kyle Skaff

**Fish caught:**

Location 1: Striped Bass					
TL (mm)	516	540	552	578	582
Tag #	8994	8998	8996	8995	8997

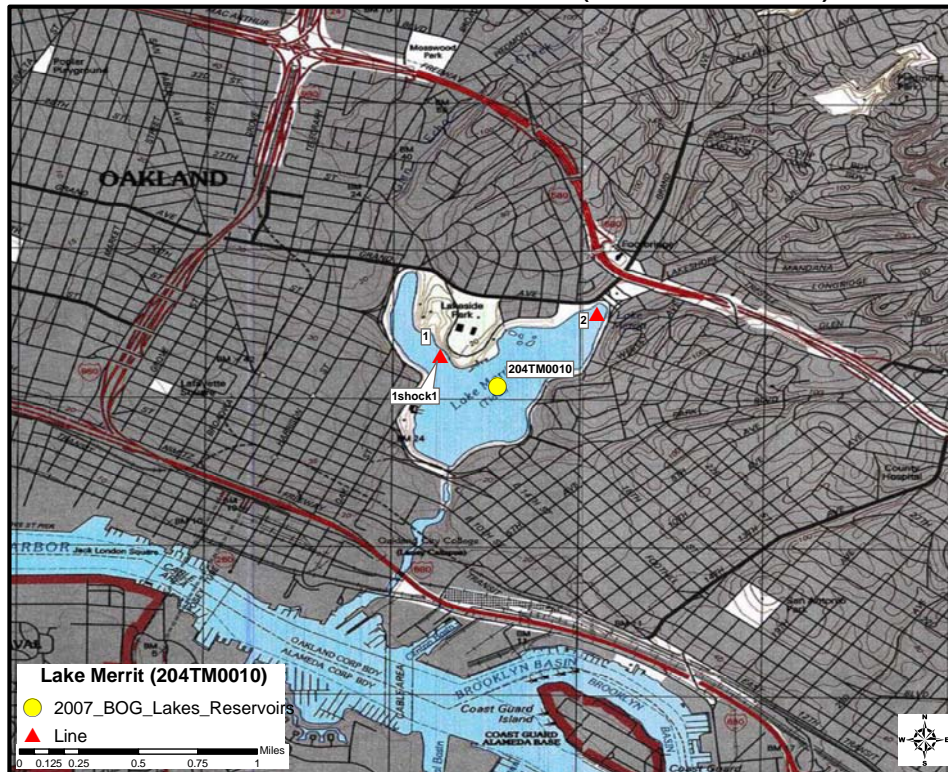
Location 2: Striped Bass					
TL (mm)	496	503	534	534	560
Tag #	09602	09604	8999	9000	09603

Location 3: Striped Bass					
<b>TL (mm)</b>	486	532	534	553	570
<b>Tag #</b>	09605	09607	09608	09609	09606

**Comments:** The sampling vessel was launched from a concrete ramp. A sample of striped bass (5 fish) was collected at three locations using two electrofisher boats. Mike Gustis (DFG) helped with his electrofisher boat. A couple of blue catfish and largemouth bass were the only other fish present.

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## 2007 BOG Lake Merrit (204TM0010)



**Latitude:** 37.8035

**Longitude:** -122.25626

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** July 5, 2007 (Trip 5)

**Samplers:** Bryan Frueh and John Negrey

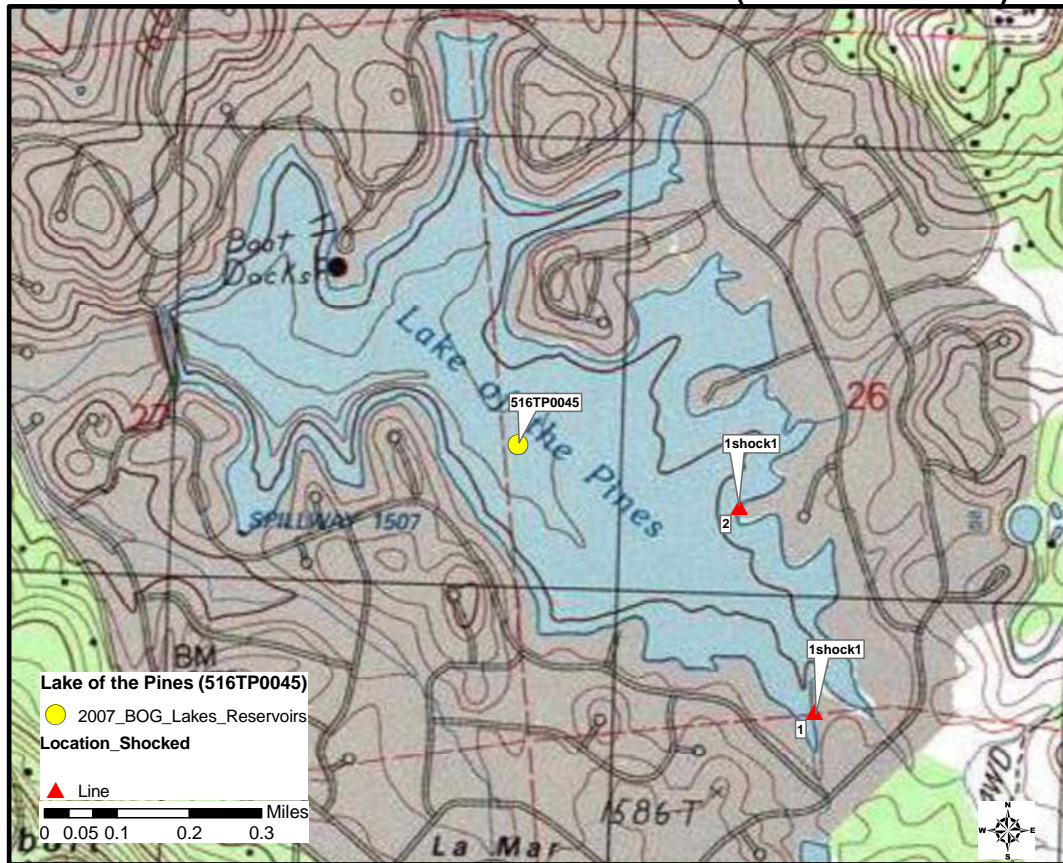
**Fish caught:** No fish Collected

**Comments:** The sampling vessel was launched from a concrete launch ramp. No fish were collected with the electrofisher boat. The electrofisher boat would not send out a charge because the water was brackish.

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## 2007 BOG Lake of the Pines (516TP0045)



**Latitude:** 39.03556

**Longitude:** -121.06280

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** September 05, 2007 (Trip 14)

**Samplers:** Dylan Service, Gary Ichikawa

**Fish caught:**

Largemouth Bass											
TL (mm)	246	249	269	300	354	365	383	386	389	392	394
Tag #	7854	7855	7856	7857	7859	7860	7863	7867	7866	7864	7865

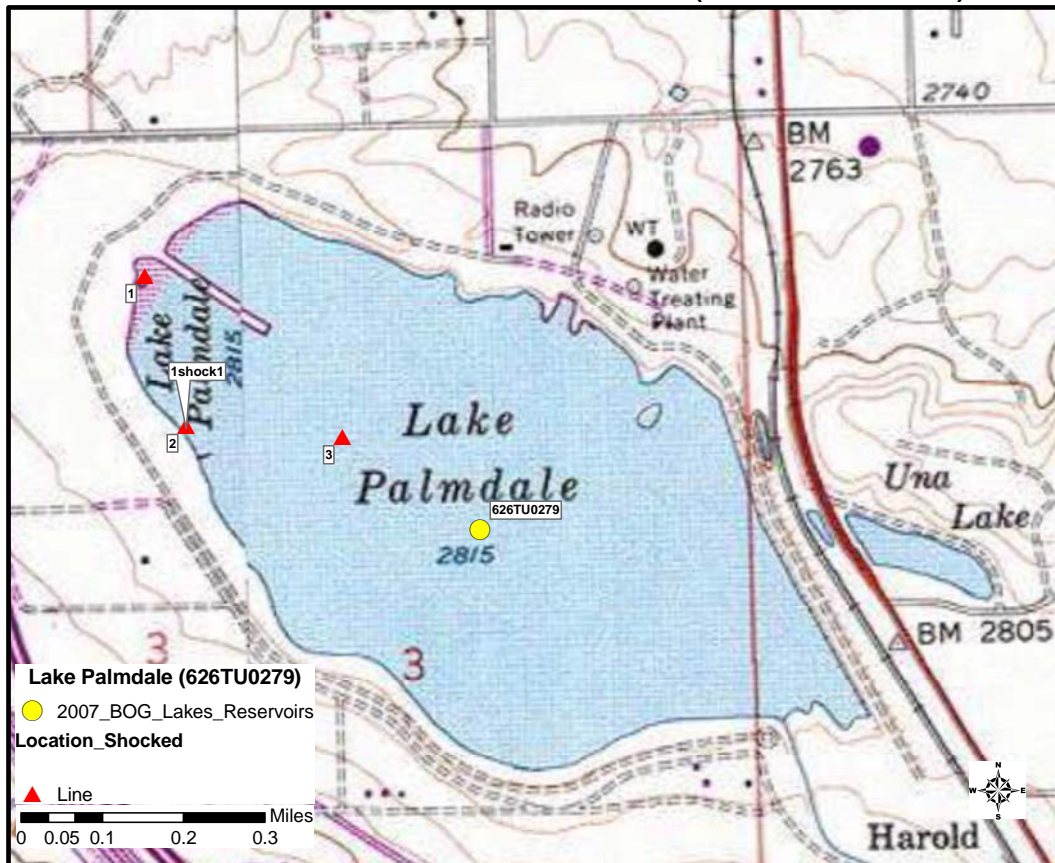
Largemouth Bass					
<b>TL (mm)</b>	396	400	400	434	445
<b>Tag #</b>	7861	7858	7862	7869	7868

**Comments:** The sampling vessel was launched from a small ramp at the entrance. A sample of largemouth bass (16 fish) was collected using the electorfisher boat. No bottom species were collected.

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## 2007 BOG Lake Palmdale (626TU0279)



**Latitude:** 34.55064

**Longitude:** -118.12082

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** November 13, 2007 (Trip 23)

**Samplers:** Billy Jakl, Steve Martenuk

**Fish caught:**

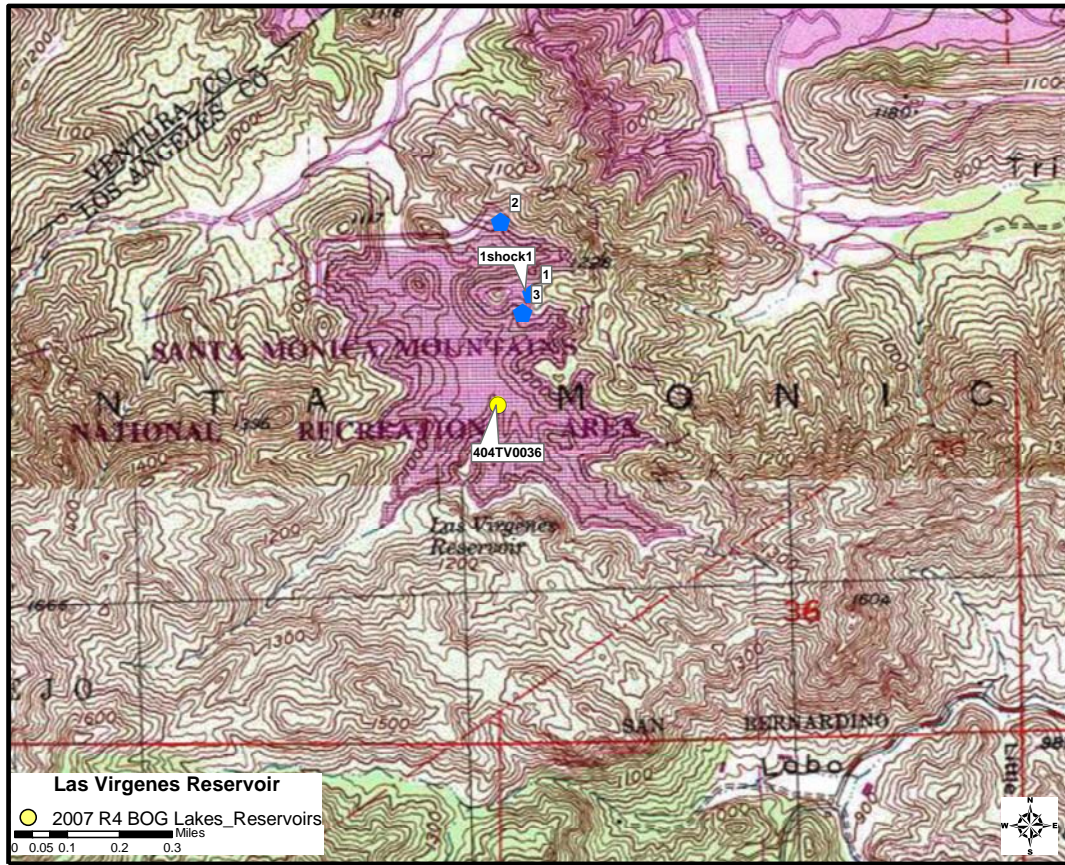
Largemouth Bass											
<b>TL (mm)</b>	219	230	321	362	380	390	394	399	400	410	455
<b>Tag #</b>	8905	8906	8907	8908	8912	8911	8910	8913	8909	8914	8915

Channel Catfish										
<b>TL (mm)</b>	484	485	489	511	512	531	535	540	550	568
<b>Tag #</b>	8925	8923	8916	8919	8921	8920	8924	8918	8917	8922

**Comments:** The sampling vessel was launched from a concrete ramp. Two species of fish were collected using the electrofisher boat. A sample for both species was collected: largemouth bass (11 fish) and channel catfish (10 fish). Carp and rainbow trout were the only other fish present.

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2007 R4 BOG Las Virgenes Reservoir (404TV0036)



**Latitude:** 34.12721

**Longitude:** -118.83235

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** June 25, 2007 (Trip 4)

**Samplers:** Gary Ichikawa, Billy Jakl

**Fish caught:**

Bluegill										
<b>TL (mm)</b>	124	125	130	132	135	139	145	153	160	171
<b>Tag #</b>	6698	6697	6699	6701	6702	6700	6703	6704	6705	6706

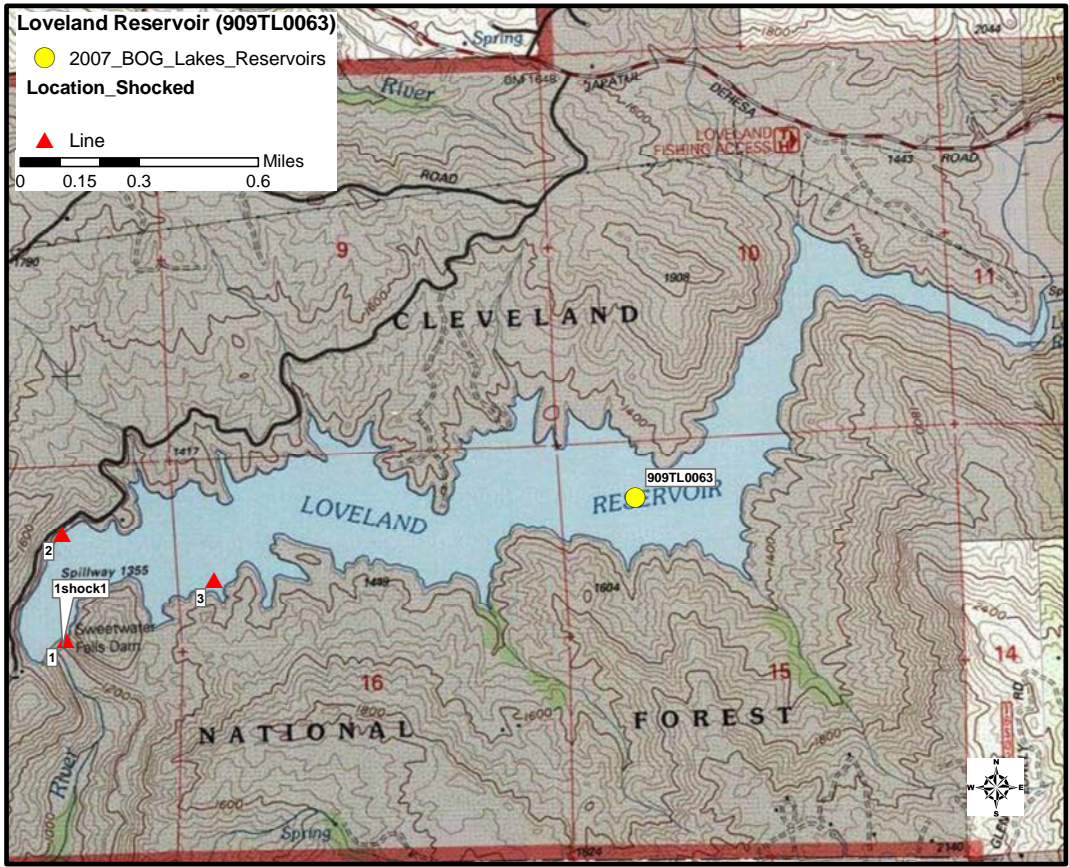
Channel Catfish			
<b>TL (mm)</b>	491	494	695
<b>Tag #</b>	6694	6695	6696

**Comments:** The sampling vessel was launched from a dirt ramp that was at the end of the dam. Two species of fish were collected using the electrofisher boat. A sample for both species was collected: bluegill (10 fish) and channel catfish (3 fish). No other fish were present.

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# 2007 BOG Loveland Reservoir (909TL0063)



**Latitude:** 32.78654

**Longitude:** -116.76817

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** August 27, 2007 (Trip 13)

**Samplers:** Sean Mundell, Steve Martenuk

**Fish caught:**

Largemouth Bass											
<b>TL (mm)</b>	200	202	300	300	355	355	360	360	380	385	390
<b>Tag #</b>	09193	09192	09194	09195	09196	09198	09199	09202	09197	09200	09201

Largemouth Bass					
<b>TL (mm)</b>	390	390	440	450	460
<b>Tag #</b>	09204	09205	09206	09207	09203

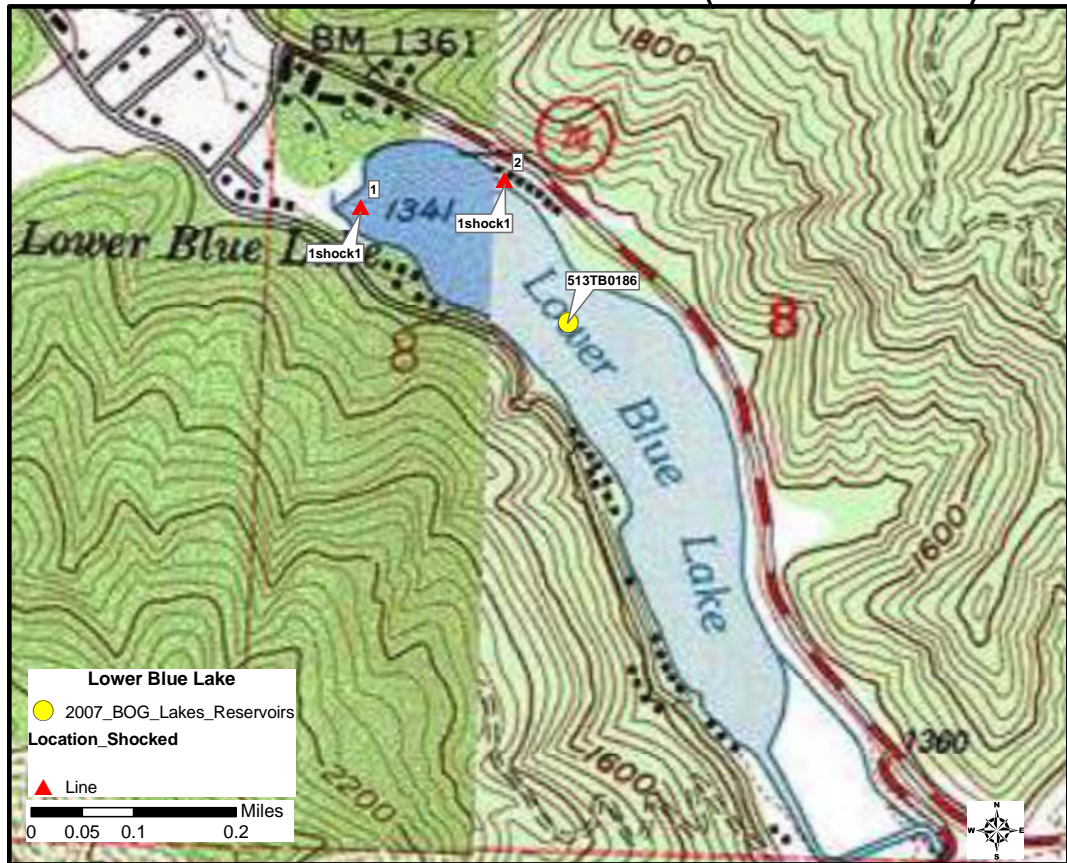


Carp										
TL (mm)	445	446	450	450	452	452	460	465	470	470
Tag #	09212	09209	09208	09215	09210	09213	09211	09217	09214	09216

**Comments:** The sampling vessel was launched from a concrete launch ramp. Two species of fish were collected using the electorfisher boat. A sample for both species was collected: largemouth bass (16 fish) and carp (10 fish). No other fish were present

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## 2007 BOG Lower Blue Lake (513TB0186)



**Latitude:** 39.16418

**Longitude:** -122.99971

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** July 18, 2007 (Trip 7)

**Samplers:** John Negrey, Bryan Frueh

**Fish caught:**

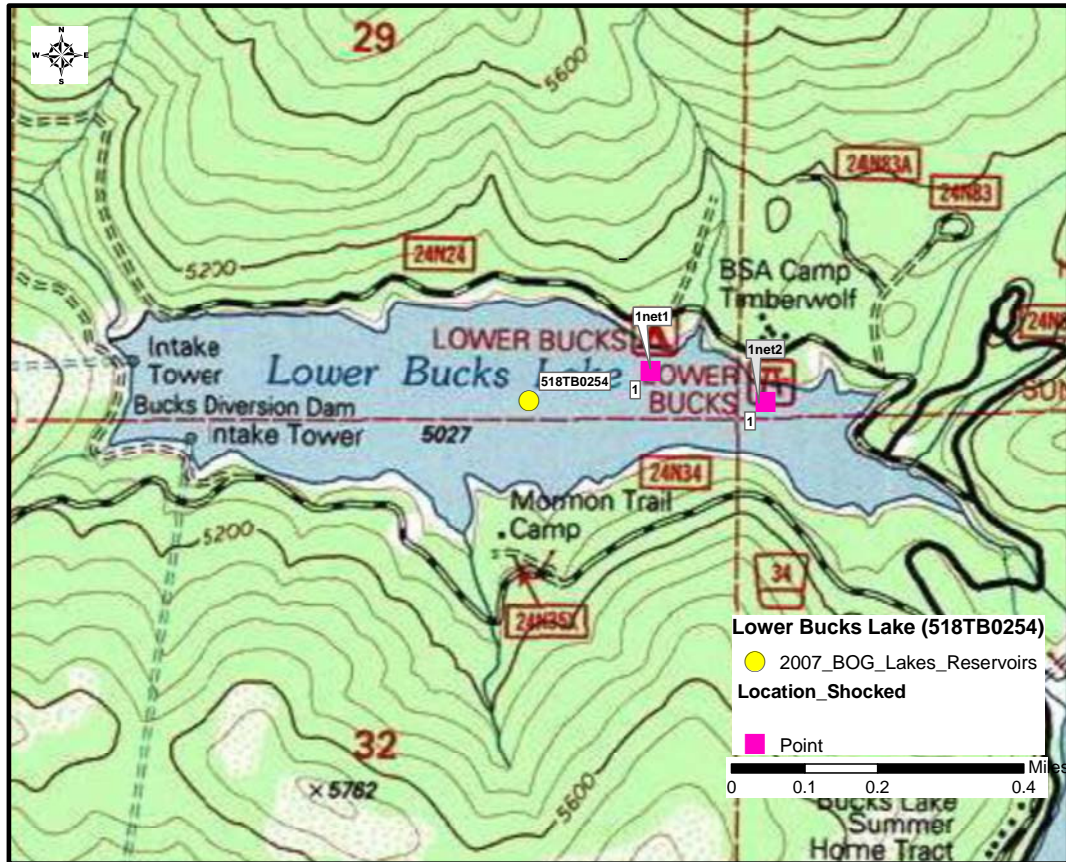
Largemouth Bass											
<b>TL (mm)</b>	222	246	272	285	319	320	369	375	392	416	453
<b>Tag #</b>	2853	2852	2850	2851	2849	2847	2846	2848	2845	2844	2843

Carp										
<b>TL (mm)</b>	475	557	578	595	605	610	620	625	637	644
<b>Tag #</b>	2837	2839	2842	2841	2835	2834	2840	2833	2836	2838

**Comments:** The sampling vessel was launched from a small ramp at the main entrance. Two species of fish were collected using the electrofisher boat. A sample for both species was collected: largemouth bass (11 fish) and carp (10 fish). Bluegill was the only other fish present.

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## 2007 BOG Lower Bucks Lake (518TB0254)



**Latitude:** 39.90036

**Longitude:** -121.21798

**Collection Method:** Gill Net

**Date (s) of Collection:** November 20-21, 2007 (Trip 24)

**Samplers:** Glen Sibald, Matt Rock

**Fish caught:**

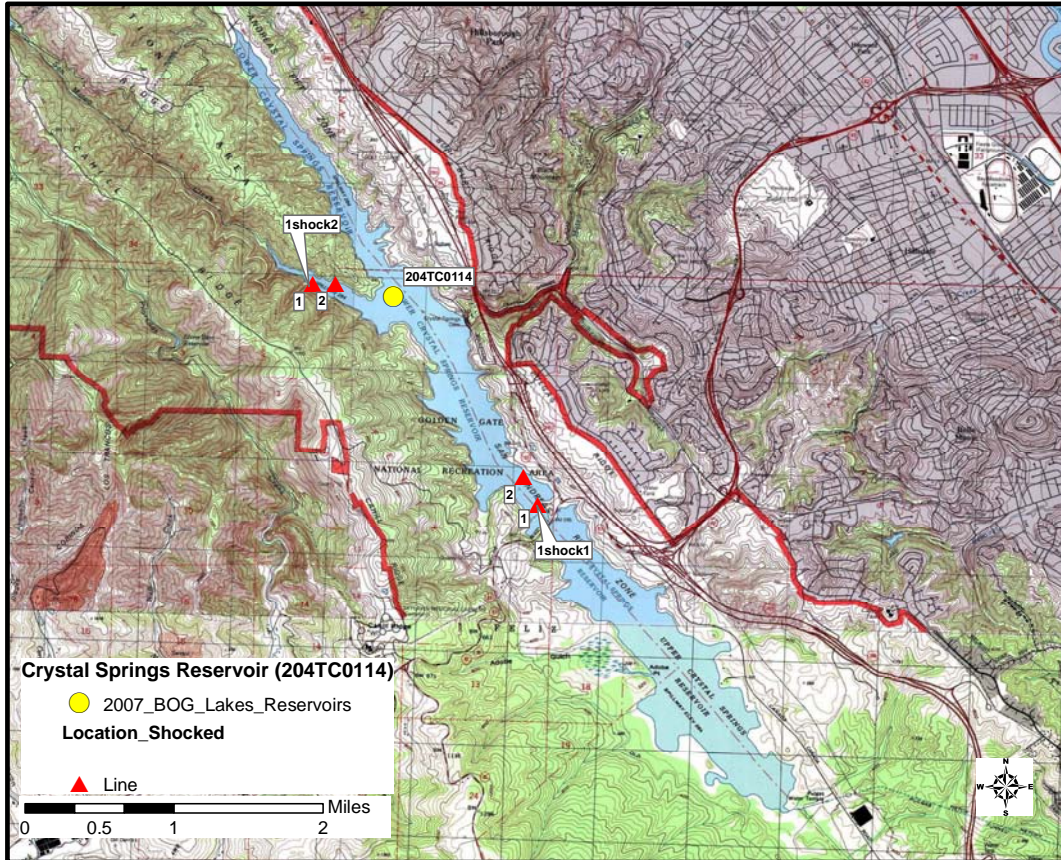
Kokanee					
<b>TL (mm)</b>	345	326	335	343	359
<b>Tag #</b>	14108	14109	14111	14112	14110

**Comments:** The sampling vessel was launched from the bank. A sample of kokanee (5 fish) was collected using two (1.5" mesh) gill nets. The nets soaked overnight and were retrieved on the 21st.

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# 2007 BOG Crystal Springs Reservoir (204TC0114)



**Latitude:** 37.53133  
**Longitude:** -122.3713

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** July 16, 2007 (Trip 7)

**Samplers:** John Negrey, Bryan Fruch

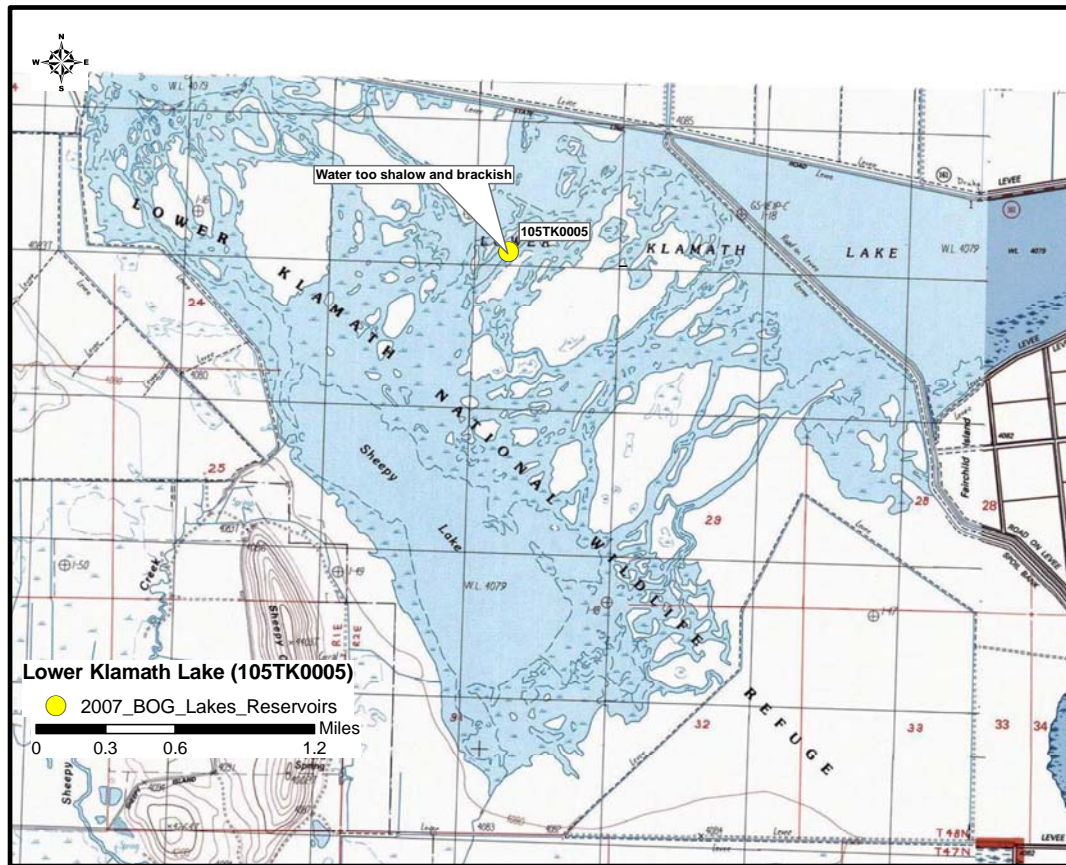
**Fish caught:**

Largemouth Bass											
<b>TL (mm)</b>	234	240	320	359	390	400	407	410	437	485	501
<b>Tag #</b>	2798	2799	2795	2796	2789	2794	2792	2797	2790	2791	2793

**Comments:** The sampling vessel was launched from a small ramp at the entrance. A sample of largemouth bass (11 fish) was collected using the electrofisher boat. Bluegill and rainbow trout were the only other fish seen.

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## 2007 BOG Lower Klamath Lake (105TK0005)



**Latitude:** 41.98928

**Longitude:** -121.79099

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** September 18, 2007 (Trip 16)

**Samplers:** Billy Jakl, Sean Mundell

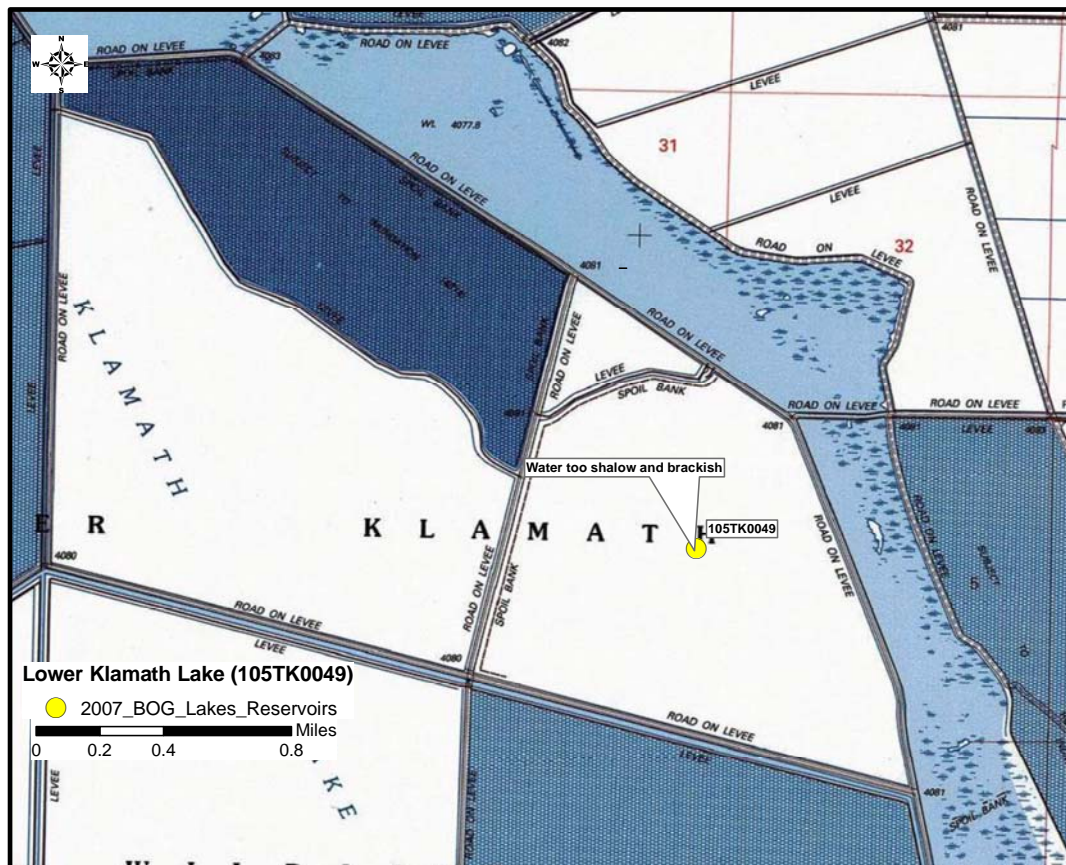
**Fish caught:** No fish were collected

**Comments:** The sampling vessel was launched from an unimproved ramp at the “Auto Tour” exit. No samples were collected, because the water was too shallow and had high salinity.

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## 2007 BOG Lower Klamath Lake (105TK0049)



**Latitude:** 41.94397

**Longitude:** -121.66397

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** September 18, 2007 (Trip 16)

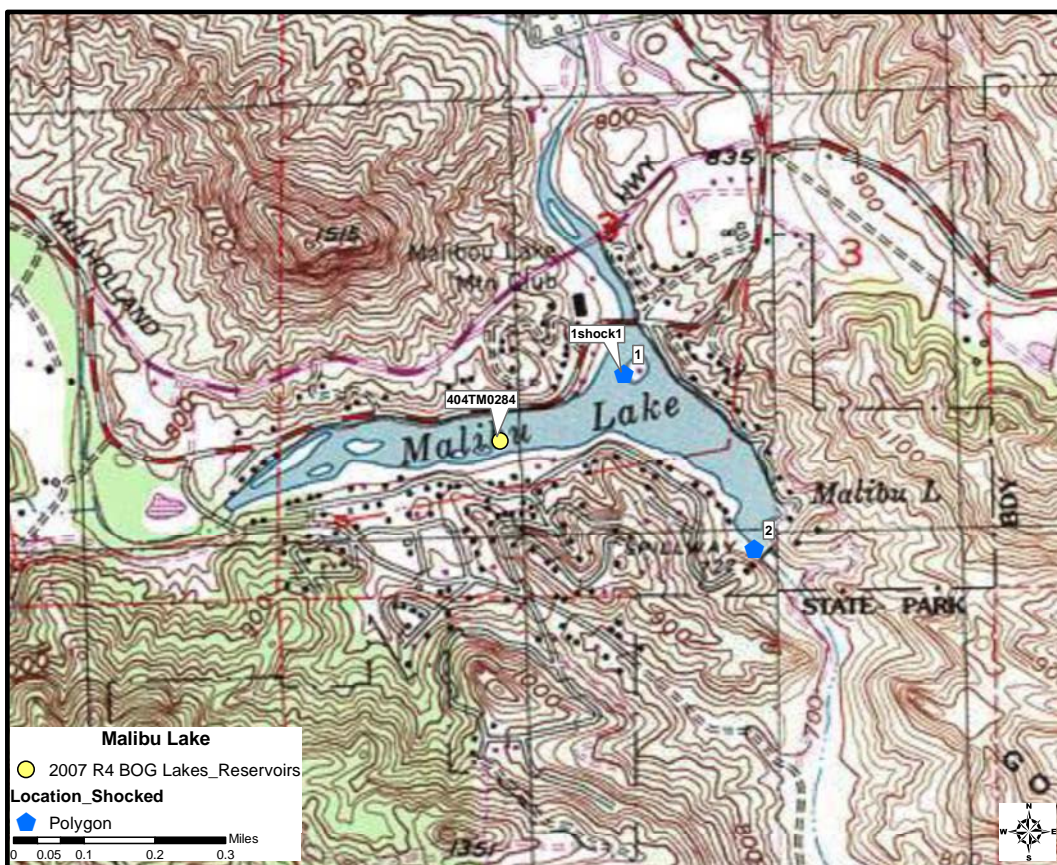
**Samplers:** Billy Jakl, Sean Mundell

**Fish caught:** No fish were collected

**Comments:** The sampling vessel could not be launched from an unimproved ramp, because the water was too shallow. No samples were collected.

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2007 R4 BOG Malibu Lake (404TM0284)



**Latitude:** 34.10706

**Longitude:** -118.75775

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** June 25, 2007 (Trip 4)

**Samplers:** Gary Ichikawa, Billy Jakl

**Fish caught:**

Largemouth Bass											
<b>TL (mm)</b>	196	212	278	287	331	331	340	346	368	375	378
<b>Tag #</b>	6678	6679	6680	6681	6687	6688	6682	6683	6684	6686	6690

Largemouth Bass					
<b>TL (mm)</b>	381	387	402	411	432
<b>Tag #</b>	6685	6689	6691	6692	6693

Common Carp										
<b>TL (mm)</b>	508	545	548	593	598	600	614	614	615	621
<b>Tag #</b>	6677	6672	6671	6674	6676	6673	6669	6670	6675	6668

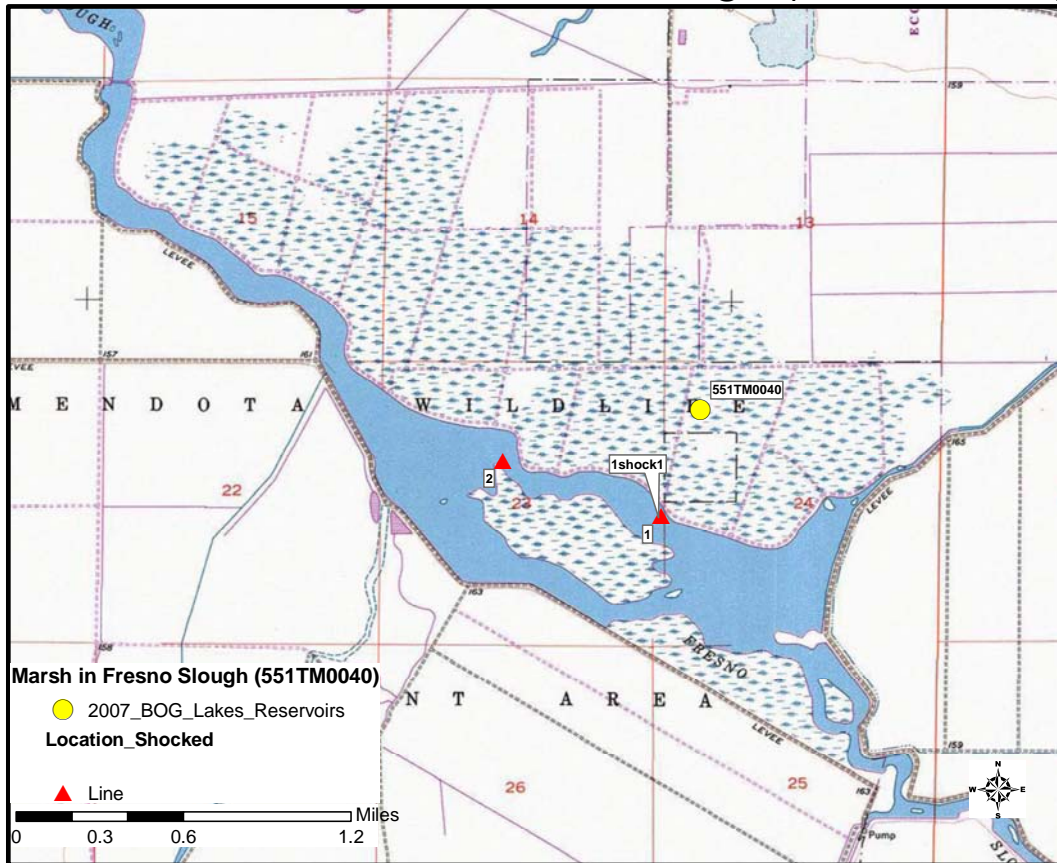
**Comments:** The sampling vessel was launched from a ramp that was accessed through Mike Hart. Two species of fish were collected using the electrofisher boat. A sample for both species was



collected: largemouth bass (16 fish) and carp (10 fish). Black crappie and bluegill were the only other fish present after shocking the entire lake

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## 2007 BOG Marsh in Fresno Slough (551TM0040)



**Latitude:** 36.70265

**Longitude:** -120.29462

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** October 9, 2007 (Trip 18)

**Samplers:** Gary Ichikawa, Jon Geotzl

**Fish caught:**

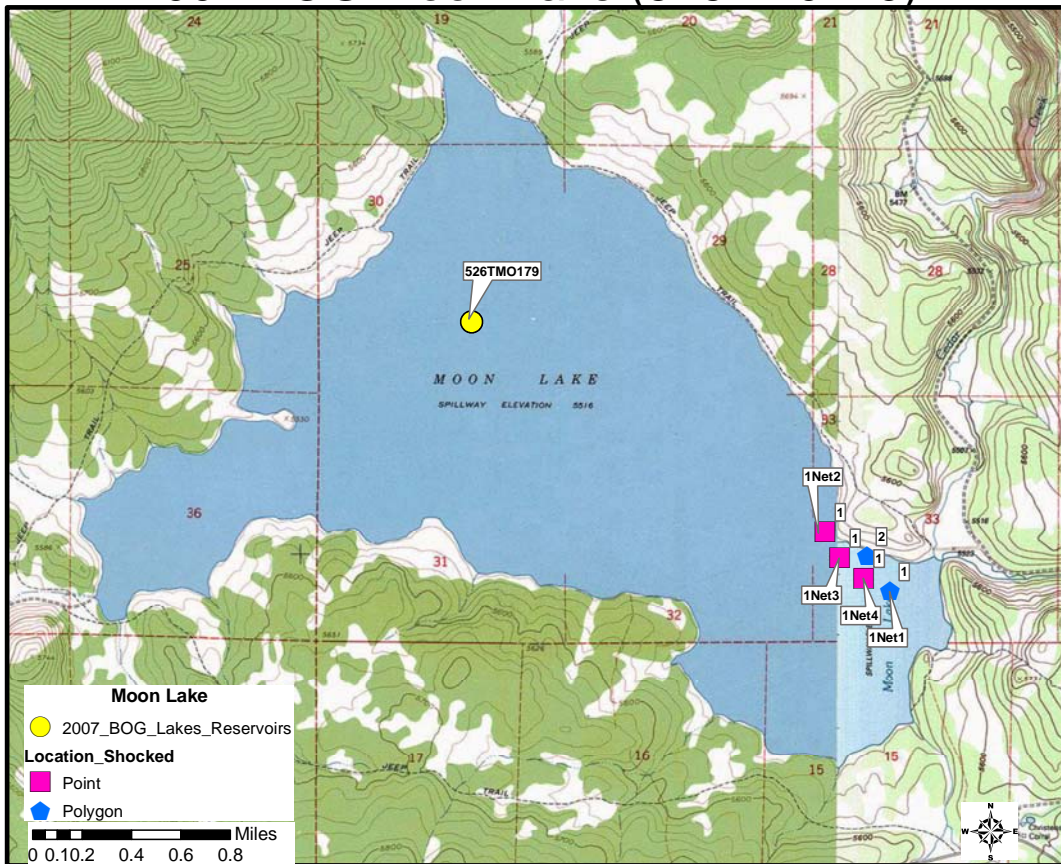
Largemouth Bass											
TL (mm)	265	332	347	347	355	375	382	392	397	412	482
Tag #	9015	9016	9018	9019	9017	9022	9020	9021	9023	9024	9025

Brown Bullhead										
TL (mm)	241	244	271	277	277	292	295	305	307	314
Tag #	9027	9026	9031	9028	9029	9032	9030	9033	9034	9035

**Comments:** The sampling vessel was launched from the bank. Two species of fish were collected using the electrofisher boat. A sample for both species was collected: largemouth bass (11 fish) and brown bullhead (10 fish). Two carp were the only other fish present.

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## 2007 BOG Moon Lake (526TM0179)



**Latitude:** 41.0953

**Longitude:** -120.40094

**Collection Method:** Gill Net

**Date (s) of Collection:** October 16-17, 2007 (Trip 19)

**Samplers:** Glen Sibald, Matt Rock

**Fish caught:**

Sacramento Pikeminnow								
<b>TL (mm)</b>	391	432	361	367	390	354	428	481
<b>Tag #</b>	14002	14003	14006	14008	14007	14011	14014	14010

Sacramento Perch			
<b>TL (mm)</b>	271	285	267
<b>Tag #</b>	14005	14004	14009

Red Band Trout			
<b>TL (mm)</b>	390	380	433
<b>Tag #</b>	14000	14012	14013

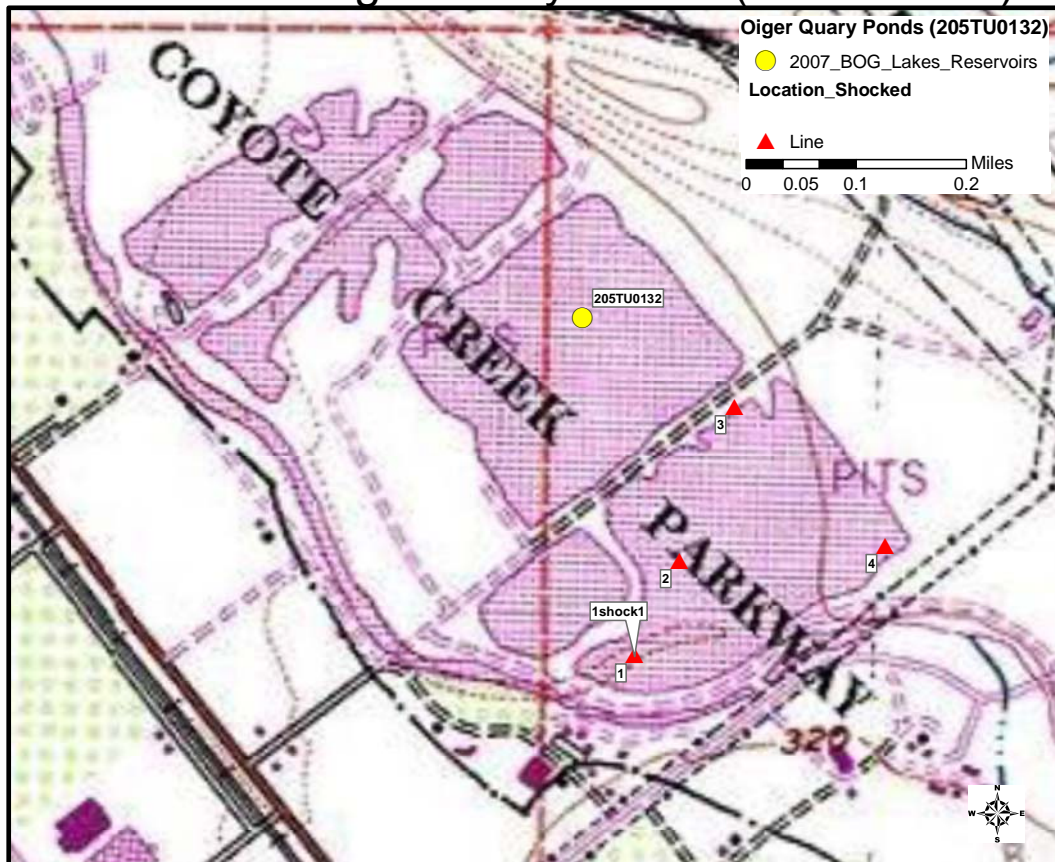
Channel Catfish	
TL (mm)	392
Tag #	14001

**Comments:** The sampling vessel (small “john boat”) was launched from the bank. Four species of fish were collected using gill nets (1.5” to 2.0” at 50m). A sample for all species was collected: Sacramento pikeminnow (8 fish), Sacramento perch (3 fish), channel catfish (1 fish) and red band trout (3 fish). No other fish were present.

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## 2007 BOG Oiger Quarry Ponds (205TU0132)



**Latitude:** 37.18304

**Longitude:** -121.69343

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** July 17, 2007 (Trip 7)

**Samplers:** Billy Jakl, Sean Mundell

**Fish caught:**

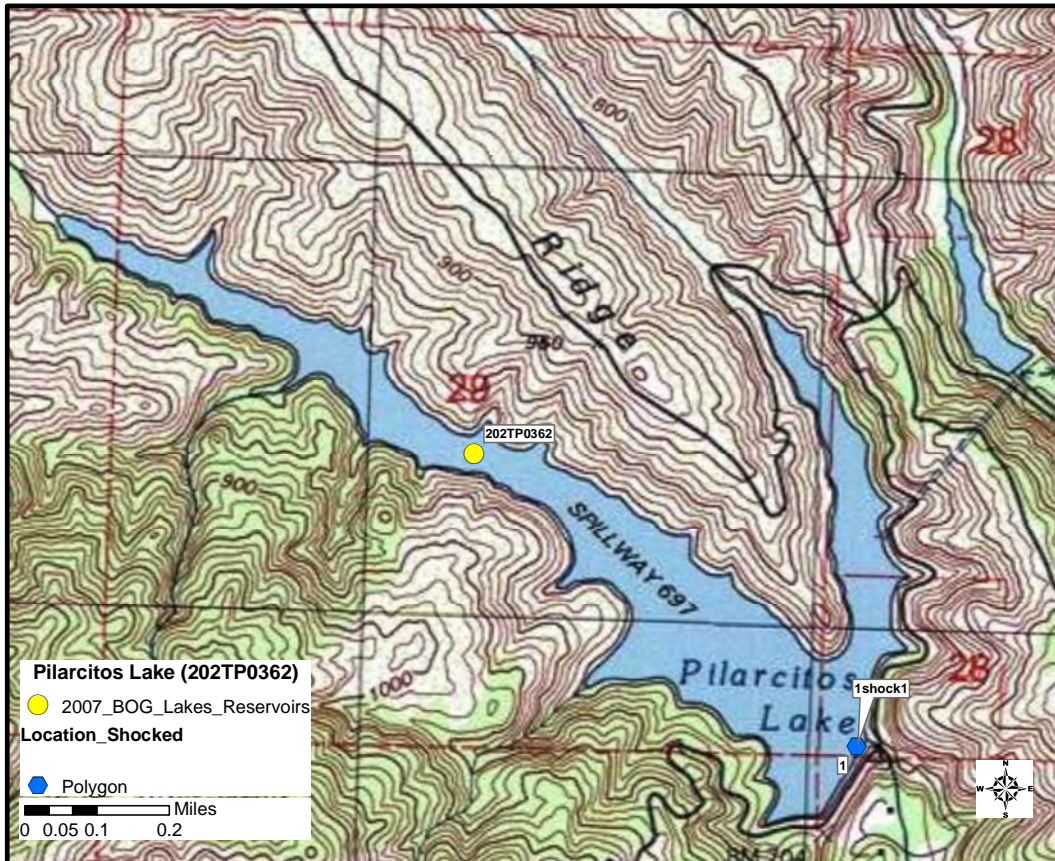
Largemouth Bass											
TL (mm)	210	240	262	290	362	380	405	405	407	490	535
Tag #	6798	6799	6800	6801	6803	6802	6804	6807	6806	6797	6808

Sacramento Sucker										
TL (mm)	400	423	425	435	440	440	444	445	460	462
Tag #	6789	6791	6792	6796	6787	6794	6795	6790	6793	6788

**Comments:** The sampling vessel was launched from a concrete launch ramp at the main entrance to the park. Two species of fish were collected using the electrofisher boat. A sample for both species was collected: largemouth bass (11 fish) and Sacramento suckers (10 fish). Sacramento suckers were the dominant bottom species. Other fish seen were: hitch, bluegill, carp (>700) and brown bullhead.

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## 2007 BOG Pilarcitos Lake (202TP0362)



**Latitude:** 37.55467

**Longitude:** -122.43232

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** October 8, 2007 (Trip 18)

**Samplers:** Gary Ichikawa, Jon Geotzl

**Fish caught:**

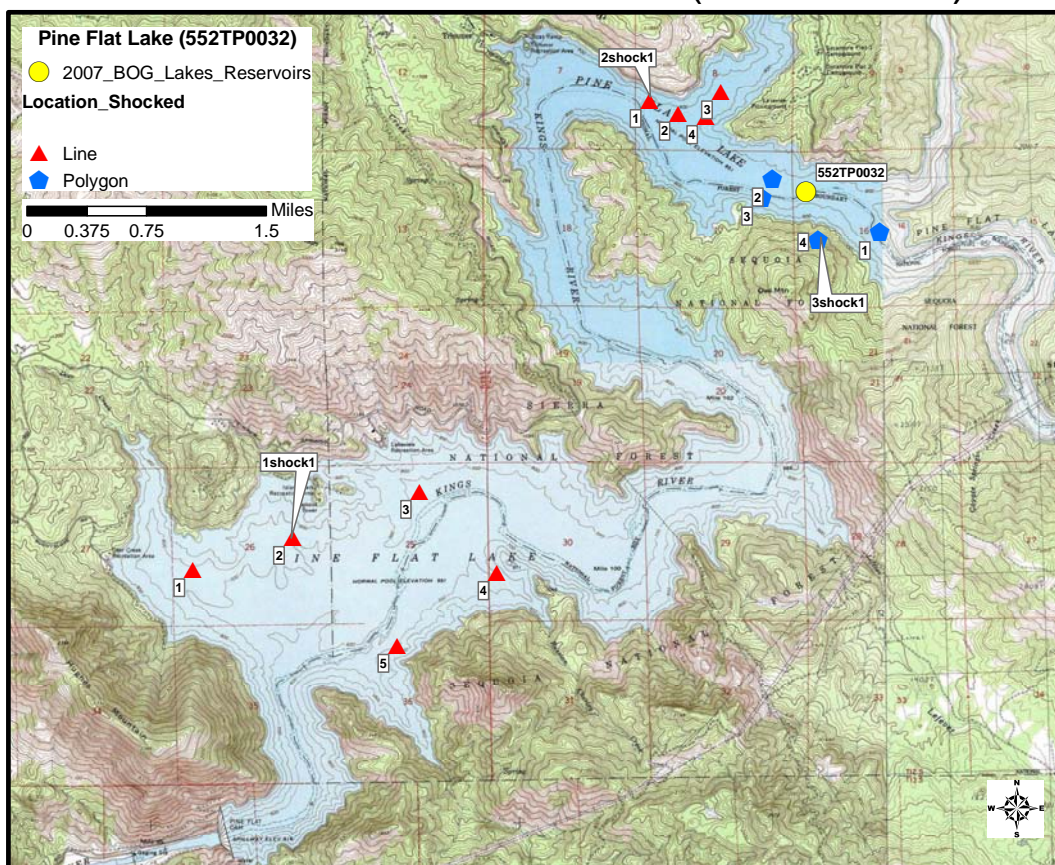
Rainbow Trout							
<b>TL (mm)</b>	232	240	246	247	272	285	290
<b>Tag #</b>	9006	9007	9008	9011	9009	9012	9010

**Comments:** The sampling vessel was launched from the bank. A sample of rainbow trout (7 fish) was collected using the electrofisher boat. No bottom species were collected. The entire lake was shocked and no other fish were present.

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# 2007 BOG Pine Flat Lake (552TP0032)



**Latitude:** 36.89033  
**Longitude:** -119.25953

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** September 10, 2007 (Trip 15)

**Samplers:** Billy Jakl, Steve Martenuk

**Fish caught:**

Location 1: Largemouth Bass											
<b>TL (mm)</b>	240	244	252	296	305	306	307	355	400	442	580
<b>Tag #</b>	8154	8155	8156	8157	8158	8159	8160	8161	8162	8163	8164

Location 1: Carp										
<b>TL (mm)</b>	552	555	600	603	615	622	631	631	650	688
<b>Tag #</b>	8174	8170	8173	8172	8171	8165	8166	8169	8168	8167

**Comments:** The sampling vessel was launched from a concrete launch ramp at the Sunny Slope Marina. Two species of fish were collected using the electrofisher boat. A sample for both species was collected: largemouth bass (11 fish) and carp (10 fish). No other fish were present.

**Date (s) of Collection:** November 15, 2007 (Trip 23)

<b>Location 2: Largemouth Bass</b>											
<b>TL (mm)</b>	190	270	271	280	301	311	316	330	367	384	431
<b>Tag #</b>	8973	8975	8974	8976	8977	8979	8980	8978	8981	8982	8983

<b>Location 3: Largemouth Bass</b>											
<b>TL (mm)</b>	206	226	255	265	375	404	406	425	449	484	560
<b>Tag #</b>	8956	8957	8959	8958	8961	8960	8962	8963	8964	8965	8966

<b>Location 2: Carp</b>					
<b>TL (mm)</b>	561	568	581	589	651
<b>Tag #</b>	8970	8968	8971	8972	8969

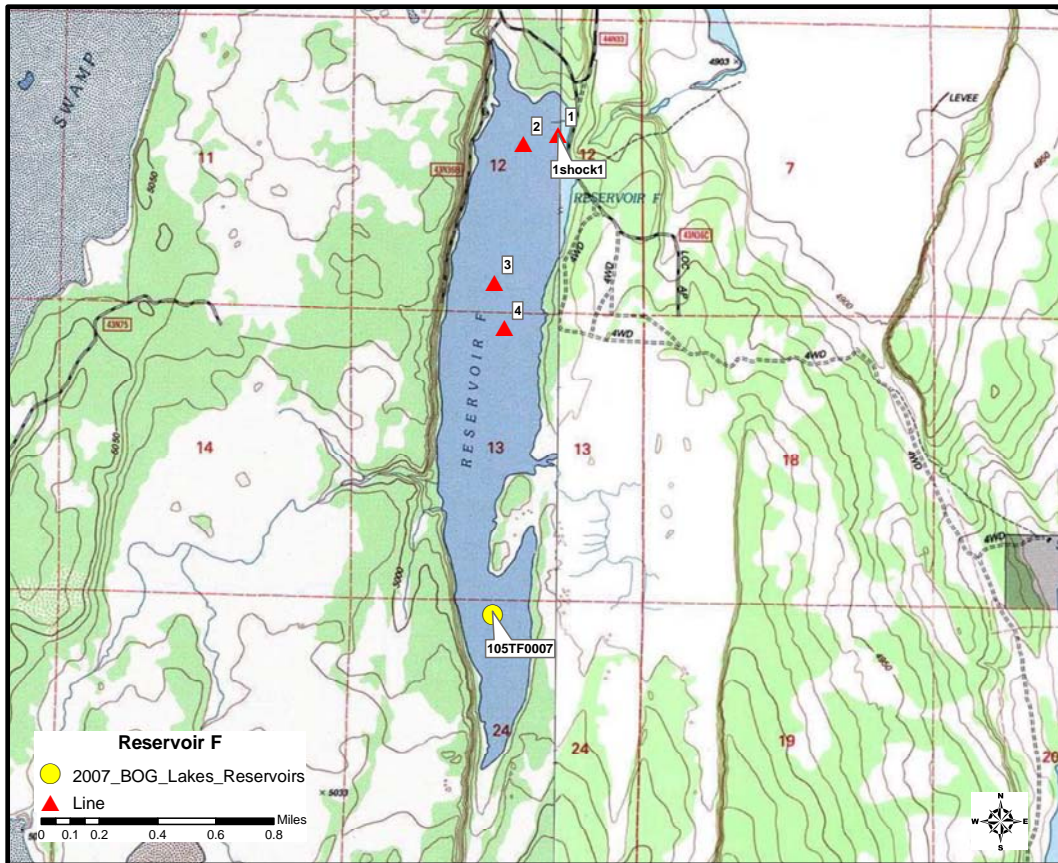
<b>Location 3: Carp</b>	
<b>TL (mm)</b>	641
<b>Tag #</b>	8967

**Comments:** The sampling vessel was launched from a concrete ramp. Two locations were sampled using the electrofisher boat. A sample of largemouth bass (11 fish) and carp (5 fish) were collected at location one. A sample of largemouth bass (11 fish) and carp (1 fish) were collected at location two. One channel catfish was the only other fish present.

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## 2007 BOG Reservoir F (105TF0007)



**Latitude:** 41.55644

**Longitude:** -120.87954

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** September 17, 2007 (Trip 16)

**Samplers:** Billy Jakl, Sean Mundell

**Fish caught:**

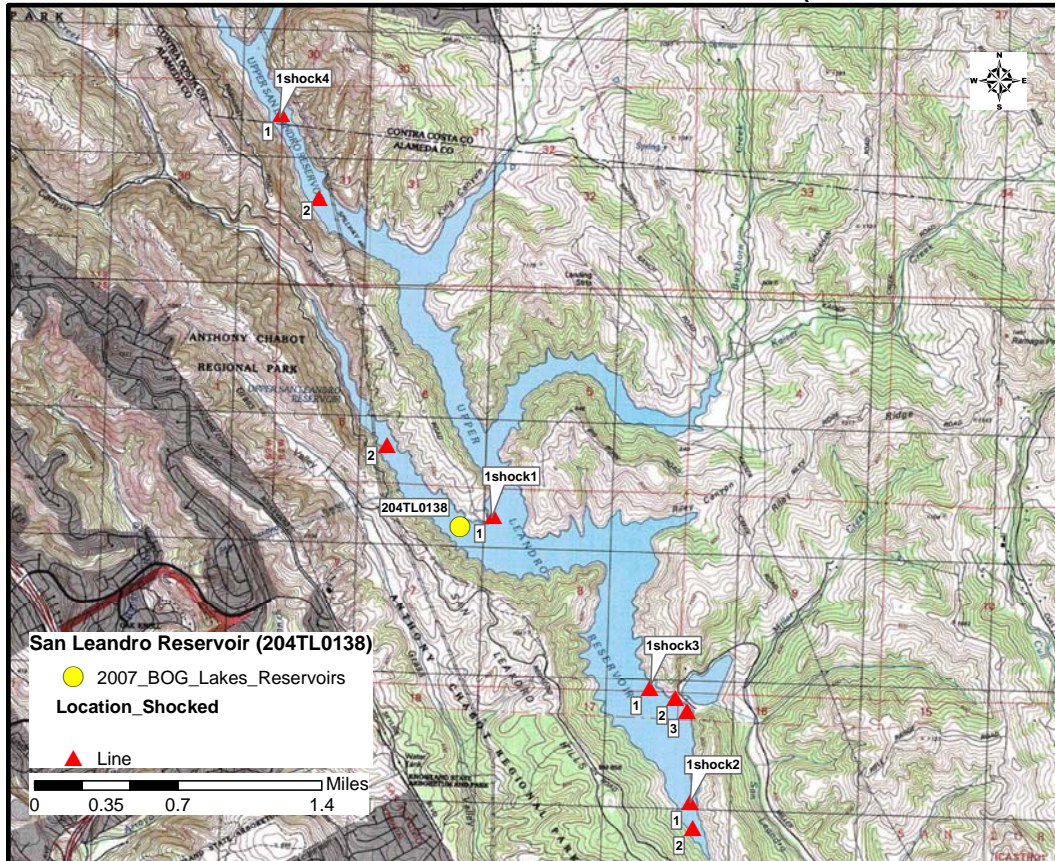
Largemouth Bass											
TL (mm)	232	246	268	293	305	305	305	306	317	320	336
Tag #	8197	8196	8198	8199	8205	8210	8211	8207	8208	8209	8206

Largemouth Bass					
TL (mm)	362	375	378	410	450
Tag #	8202	8204	8203	8200	8201

**Comments:** The sampling vessel was launched from an unimproved ramp at the main entrance. A sample of largemouth bass (16 fish) was collected using the electrofisher boat. No bottom species were collected. Rainbow trout was the only other fish seen.

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## 2007 BOG San Leandro Reservoir (204TL0138)



**Latitude:** 37.77606

**Longitude:** -122.11748

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** July 17, 2007 (Trip 7)

**Samplers:** John Negrey, Bryan Frueh

**Fish caught:**

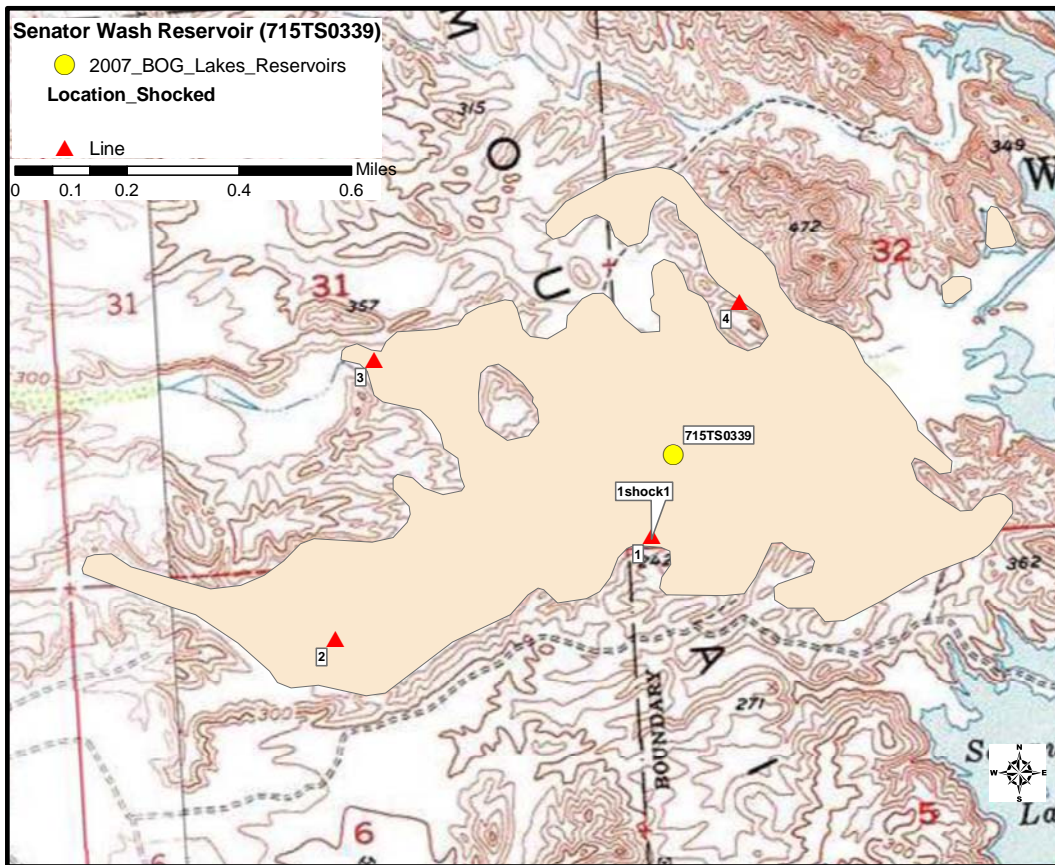
Largemouth Bass											
<b>TL (mm)</b>	295	305	308	326	370	390	405	410	410	519	540
<b>Tag #</b>	2828	2829	2825	2827	2830	2826	2824	2823	2831	2822	2832

**Comments:** The sampling vessel was launched from a small ramp at the entrance. A sample of largemouth bass (11 fish) was collected using the electrofisher boat. No bottom species were collected. Bluegill was the only other fish seen.

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# 2007 BOG Senator Wash Reservoir (715TS0339)



**Latitude:** 32.90823  
**Longitude:** -114.48918

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** October 24, 2007 (Trip 20)

**Samplers:** Billy Jakl, Steve Martenuk

**Fish caught:**

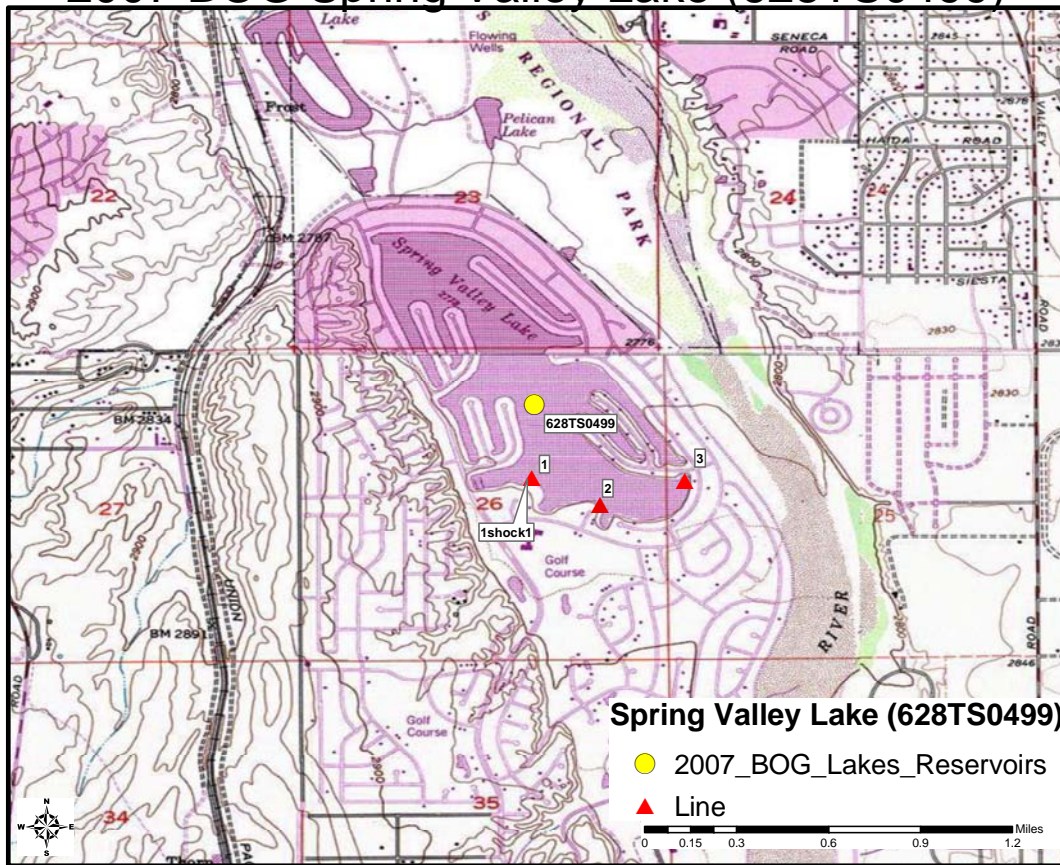
Largemouth Bass											
<b>TL (mm)</b>	159	176	261	290	309	317	329	342	347	350	352
<b>Tag #</b>	8495	8496	8497	8498	8499	8500	8726	8728	8730	8729	8727

Carp										
<b>TL (mm)</b>	547	556	564	568	568	590	591	593	598	600
<b>Tag #</b>	8740	8737	8733	8735	8738	8734	8731	8736	8732	8739

**Comments:** The sampling vessel was launched from a concrete ramp. Two species of fish were collected using the electrofisher boat. A sample for both species was collected: largemouth bass (11 fish) and carp (10 fish). No other fish were present.

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## 2007 BOG Spring Valley Lake (628TS0499)



**Latitude:** 34.49762  
**Longitude:** -117.26623

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** November 12, 2007 (Trip 23)

**Samplers:** Billy Jakl, Steve Martenuk

**Fish caught:**

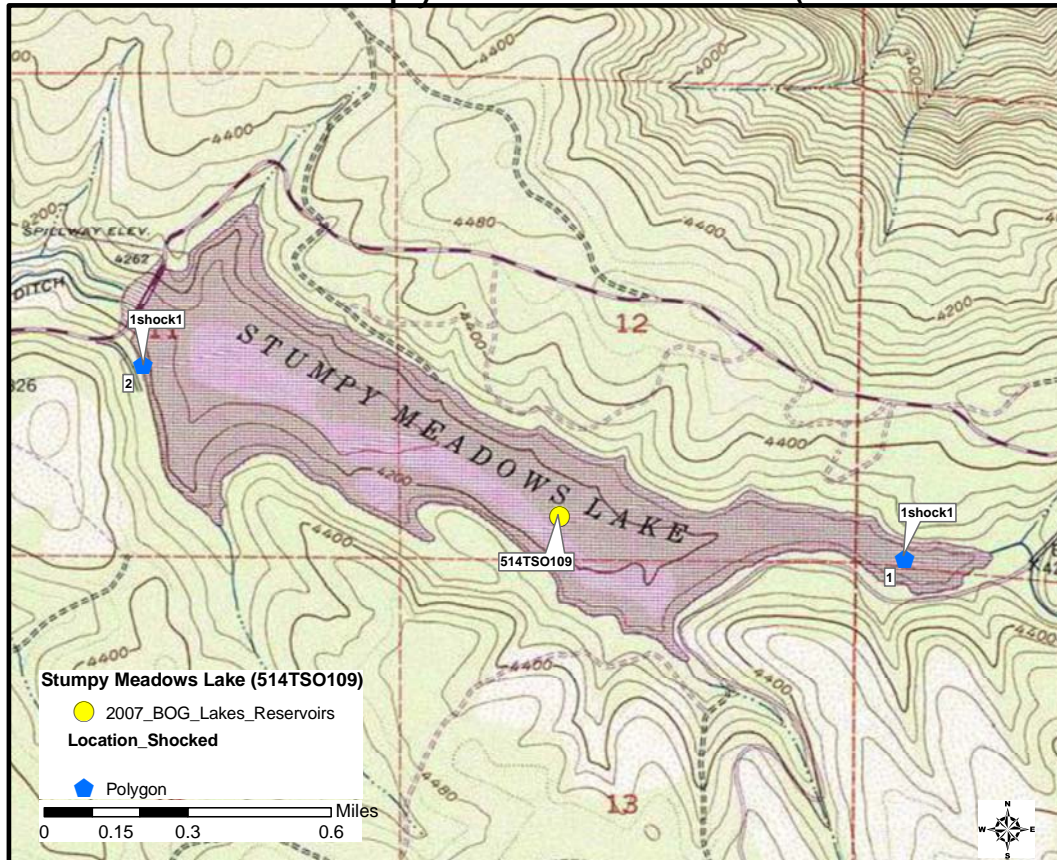
Rainbow Trout										
TL (mm)	316	330	333	336	342	355	370	372	377	386
Tag #	8840	8841	8839	8842	8843	8836	8845	8844	8837	8838

**Comments:** The sampling vessel was launched from a concrete ramp. A sample of rainbow trout (10 fish) was collected using the electrofisher boat. No bottom species were collected.

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## 2007 BOG Stumpy Meadows Lake (514TSO109)



**Latitude:** 38.89728

**Longitude:** -120.5881

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** September 25, 2007 (Trip 17)

**Samplers:** Billy Jakl, Kyle Skaff

**Fish caught:**

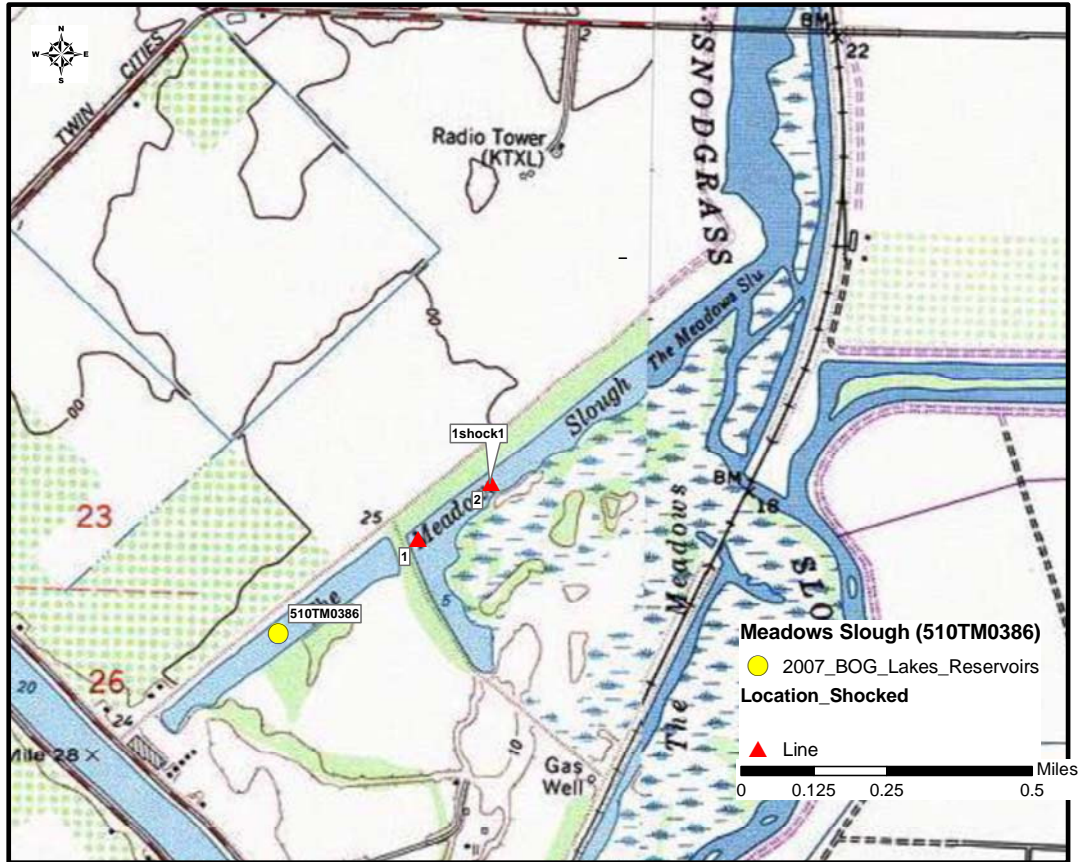
Brown Trout			
TL (mm)	355	389	412
Tag #	8287	8289	8288

Rainbow Trout		
TL (mm)	328	370
Tag #	8291	8290

**Comments:** The sampling vessel was launched from a concrete ramp at the main entrance near the dam. Two species of fish were collected using the electrofisher boat. A sample for both species was collected: brown trout (3 fish) and rainbow trout (2 fish). No other fish were present.

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## 2007 BOG Meadows Slough (510TM0386)



**Latitude:** 38.26152  
**Longitude:** -121.51260

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** October 15, 2007 (Trip 19)

**Samplers:** Dylan Service, Kyle Skaff

**Fish caught:**

Largemouth Bass											
TL (mm)	203	240	275	300	321	339	344	372	392	421	614
Tag #	8459	8460	8461	8462	8463	8467	8466	8464	8465	8468	8469

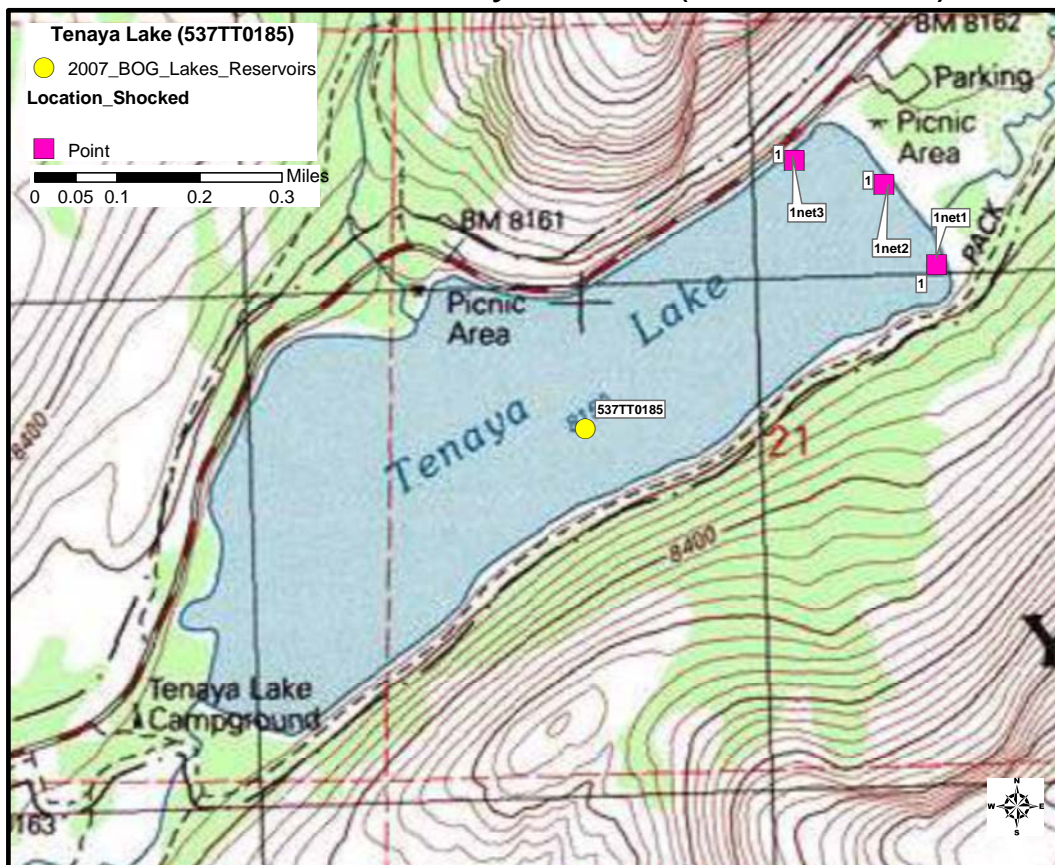
Sacramento Sucker										
TL (mm)	489	493	493	496	502	531	532	546	550	558
Tag #	8474	8471	8478	8477	8476	8470	8475	8473	8479	8472

**Comments:** The sampling vessel was launched from the bank. Two species of fish were collected using the electrofisher boat. A sample for both species was collected: largemouth bass (11 fish) and Sacramento suckers (10 fish). No other fish were present.

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## 2007 BOG Tenaya Lake (537TT0185)



**Latitude:** 37.83101

**Longitude:** -119.45927

**Collection Method:** Gill Net

**Date (s) of Collection:** October 25, 2007 (Trip 20)

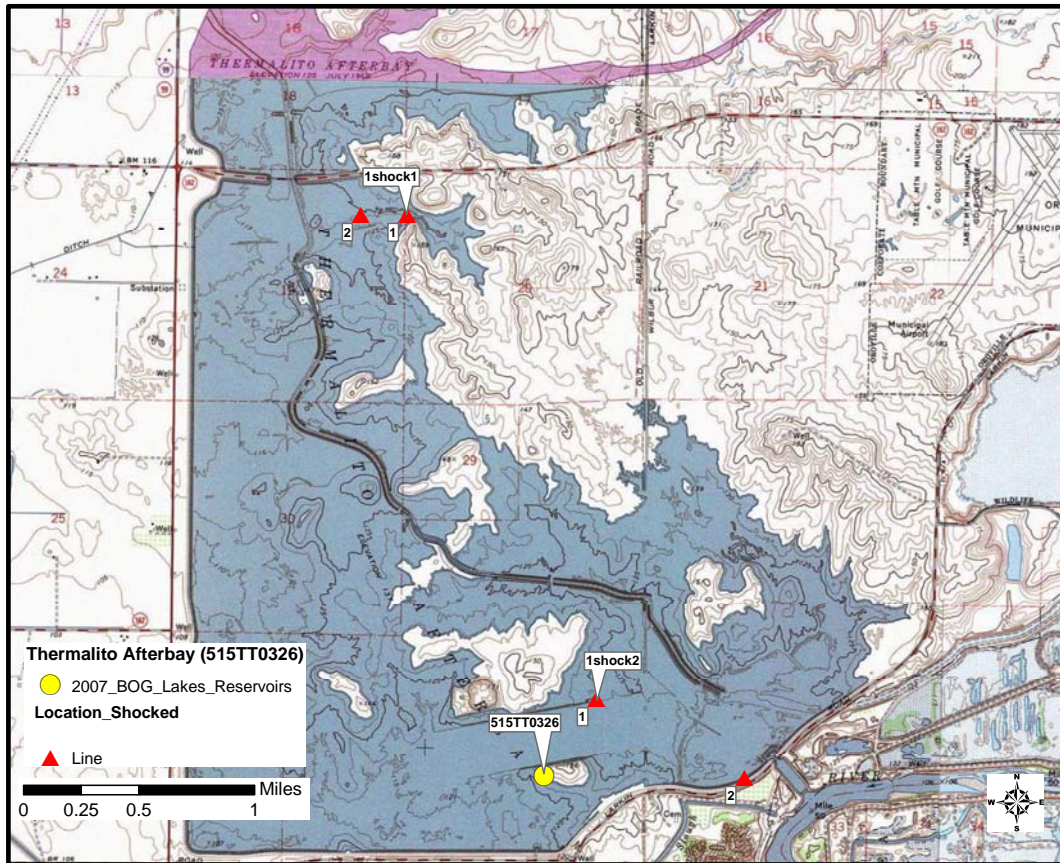
**Samplers:** Glen Sibald, Matt Rock

**Fish caught:** No fish were collected

**Comments:** The sampling vessel was launched from the bank. No fish were caught using gill nets (1.5" to 2" mesh). The nets soaked overnight and were retrieved on the 26th.

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# 2007 BOG Thermalito Afterbay (518PGL056)



**Latitude:** 39.45655  
**Longitude:** -121.65809

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** September 4, 2007 (Trip 14)

**Samplers:** Gary Ichikawa, Dylan Service

**Fish caught:**

Location 1: Largemouth Bass											
<b>TL (mm)</b>	229	241	262	279	309	317	336	399	400	409	514
<b>Tag #</b>	7896	7895	7897	7898	7900	7899	7901	7903	7902	7904	7905

Location 2: Largemouth Bass											
<b>TL (mm)</b>	234	236	266	300	342	352	384	390	391	434	502
<b>Tag #</b>	7911	7912	7913	7914	7915	7916	7917	7919	7920	7918	7921

Location 1: Carp					
<b>TL (mm)</b>	548	556	599	599	610
<b>Tag #</b>	7893	7892	7890	7894	7891

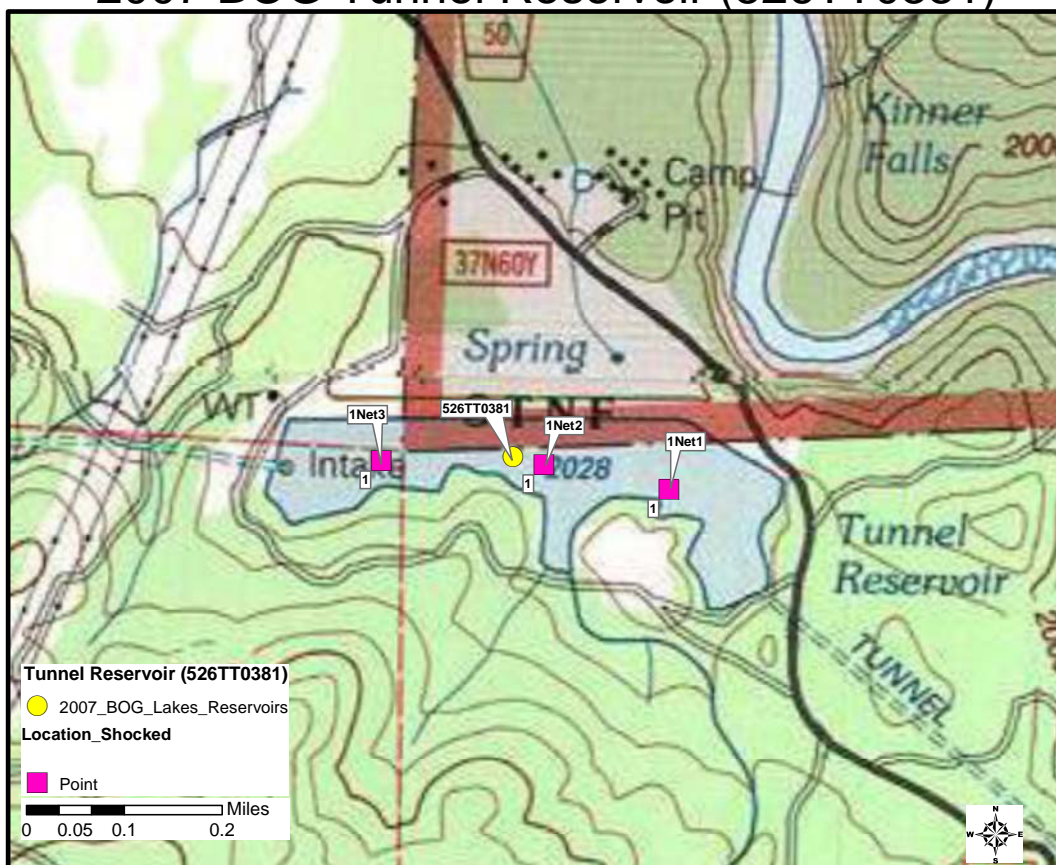


Location 2: Carp					
<b>TL (mm)</b>	561	572	579	582	584
<b>Tag #</b>	7906	7907	7910	7909	7908

**Comments:** The sampling vessel was launched from a concrete launch ramp. Two locations were sampled using the electrofisher boat. A sample of largemouth bass (11 fish) and carp (5 fish) were collected at both locations. Threadfin shad and hitch were the only other fish present.

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## 2007 BOG Tunnel Reservoir (526TT0381)



**Latitude:** 40.99875  
**Longitude:** -121.89049

**Collection Method:** Gill Net

**Date (s) of Collection:** December 11-12, 2007 (Trip 26)

**Samplers:** Glen Sibald, Matt Rock

**Fish caught:**

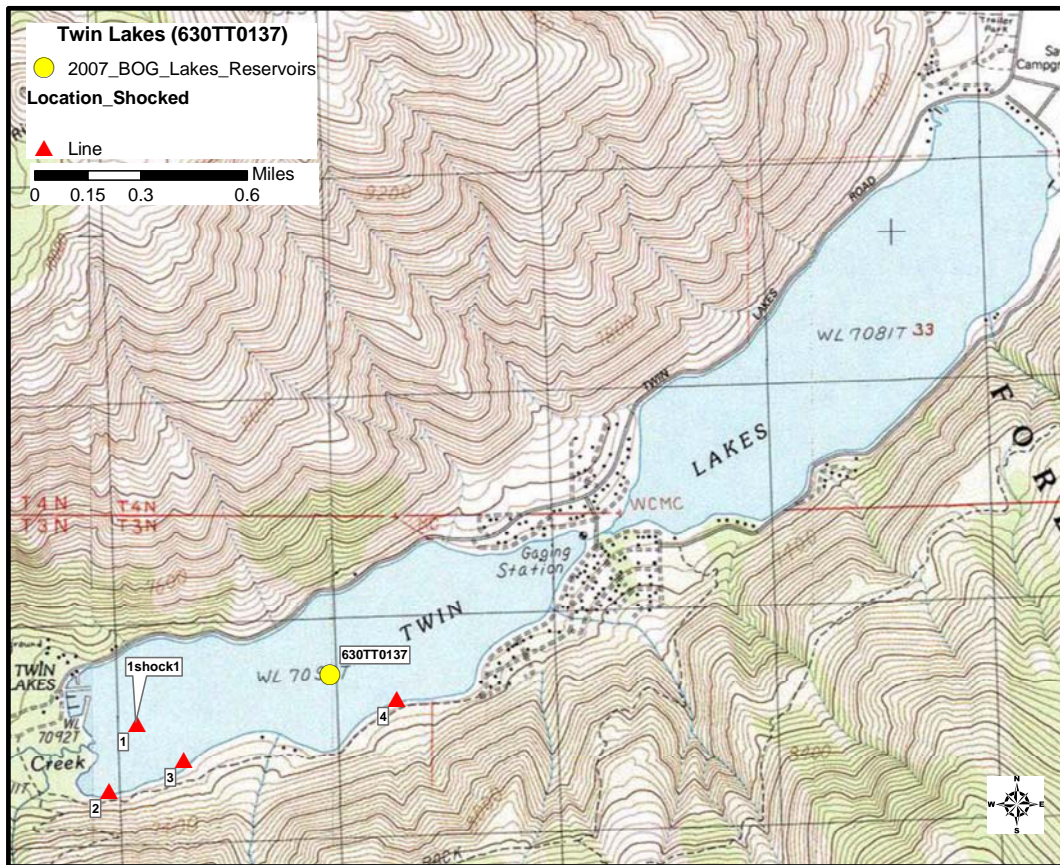
Sacramento Pikeminnow										
<b>TL (mm)</b>	366	383	393	400	413	416	451	452	493	493
<b>Tag #</b>	14133	14132	14129	14131	14128	14130	14134	14135	14136	14137

Sacramento Sucker				
<b>TL (mm)</b>	453	463	480	506
<b>Tag #</b>	14140	14141	14138	14139

**Comments:** The sampling vessel was launched from the bank. Two species were collected using three (1.5" to 2" mesh) gill nets. A sample for both species was collected: Sacramento pikeminnow (10 fish) and Sacramento sucker (4 fish). The nets soaked overnight and were retrieved on the 12th.

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# 2007 BOG Twin Lakes (630TT0137)



**Latitude:** 38.14856  
**Longitude:** -119.36364

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** September 11, 2007 (Trip 15)

**Samplers:** Billy Jakl, Steve Martenuk

**Fish caught:**

Brown Trout					
<b>TL (mm)</b>	219	222	246	256	264
<b>Tag #</b>	8175	8176	8177	8179	8178

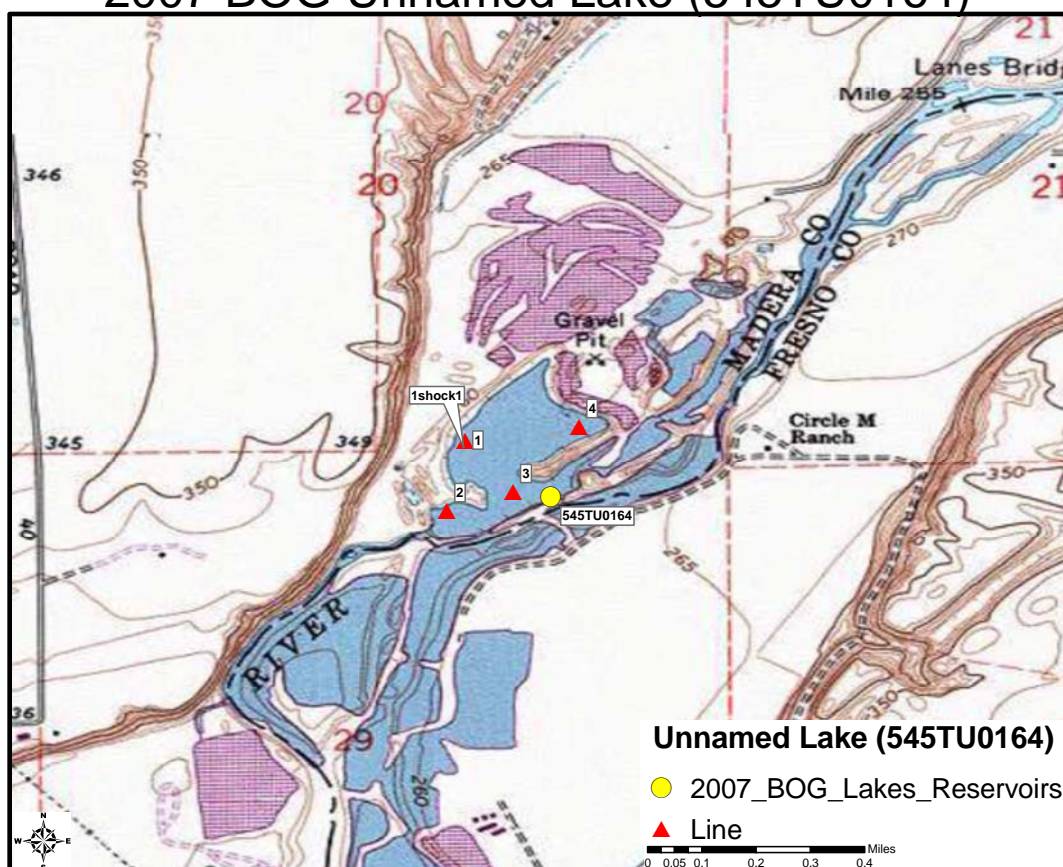
Sacramento Sucker										
<b>TL (mm)</b>	276	282	289	293	296	301	303	306	312	313
<b>Tag #</b>	8180	8181	8182	8186	8184	8187	8183	8185	8188	8189

**Comments:** The sampling vessel was launched from a concrete launch ramp the Mono Village Marina. Two species of fish were collected using the electrofisher boat. A sample for both species was collected: brown trout (5 fish) and Sacramento sucker (10 fish). No other fish were present.

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## 2007 BOG Unnamed Lake (545TU0164)



**Latitude:** 38.26837  
**Longitude:** -120.34173

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** August 30, 2007 (Trip 13)

**Samplers:** Billy Jakl, Dylan Service

**Fish caught:**

Largemouth Bass											
<b>TL (mm)</b>	201	234	254	272	336	356	369	387	392	416	466
<b>Tag #</b>	7879	7880	7881	7882	7887	7886	7889	7888	7885	7884	7883

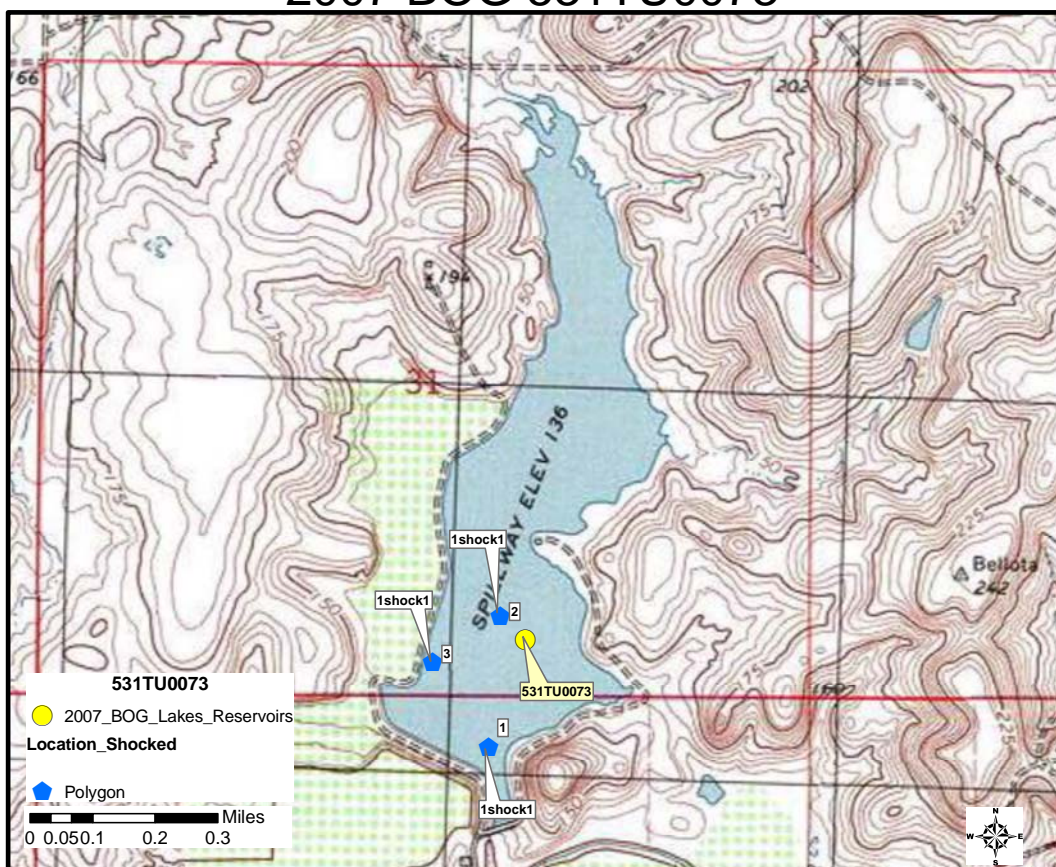
Carp					
<b>TL (mm)</b>	591	632	680	691	694
<b>Tag #</b>	7849	7878	7850	7876	7877

**Comments:** The sampling vessel was launched from the bank. Two species of fish were collected using the electrofisher boat. A sample for both species was collected: largemouth bass (11 fish) and carp (5 fish). Other fish present were: rainbow trout, bluegill and one channel catfish.

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## 2007 BOG 531TU0073



**Latitude:** 38.06207  
**Longitude:** -121.02691

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** August 7, 2007 (Trip 10)

**Samplers:** Billy Jakl, Sean Mundell

**Fish caught:**

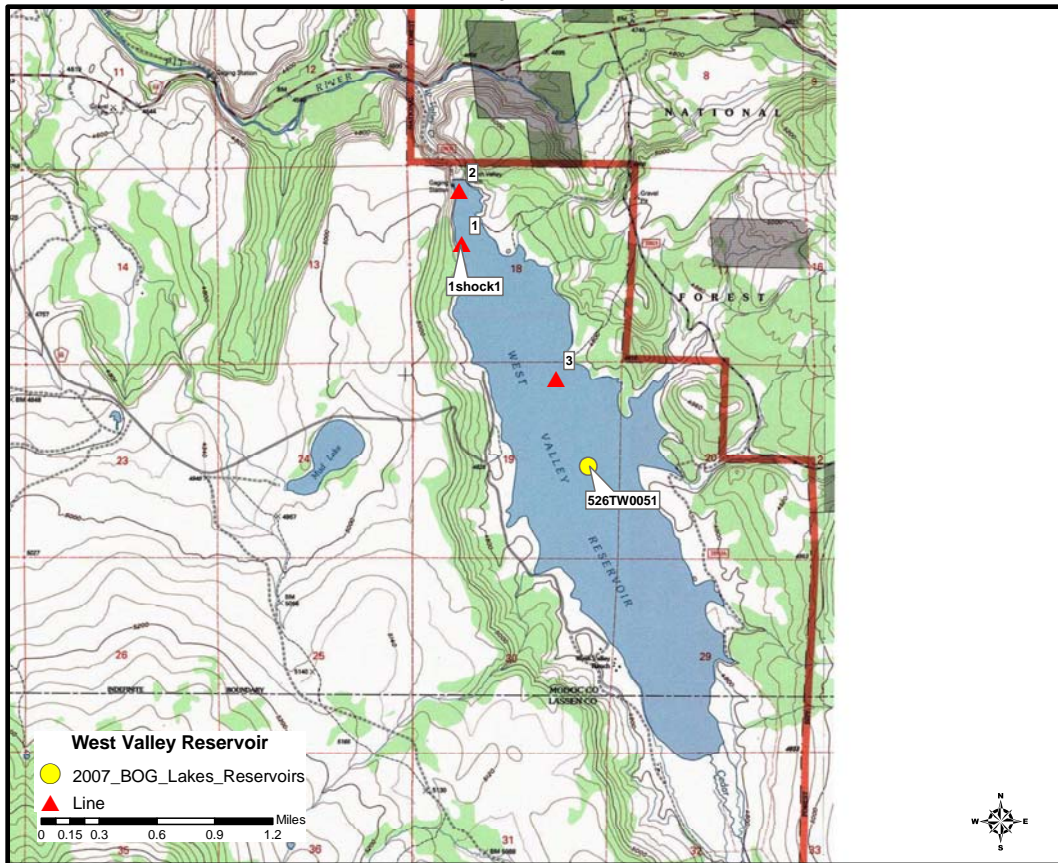
Largemouth Bass											
<b>TL (mm)</b>	295	325	365	375	380	385	385	393	415	432	444
<b>Tag #</b>	8105	8104	8101	8103	8106	8110	8111	8102	8109	8108	8107

Carp										
<b>TL (mm)</b>	440	440	442	445	450	475	480	502	515	560
<b>Tag #</b>	8112	8118	8120	8113	8122	8116	8115	8123	8119	8117

**Comments:** The sampling vessel was launched from the bank (no 4X4 needed). Two species of fish were collected using the electrofisher boat. A sample for both species was collected: largemouth bass (11 fish) and carp (10 fish). Other fish present were: white crappie, bluegill, goldfish and threadfin shad.

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# 2007 BOG West Valley Reservoir (526TW0051)



**Latitude:** 41.19984  
**Longitude:** -120.39926

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** September 18, 2007 (Trip 16)

**Samplers:** Billy Jakl, Sean Mundell

**Fish caught:**

Sacramento Pikeminnow					
TL (mm)	365	401	410	416	420
Tag #	8226	8224	8225	8222	8223

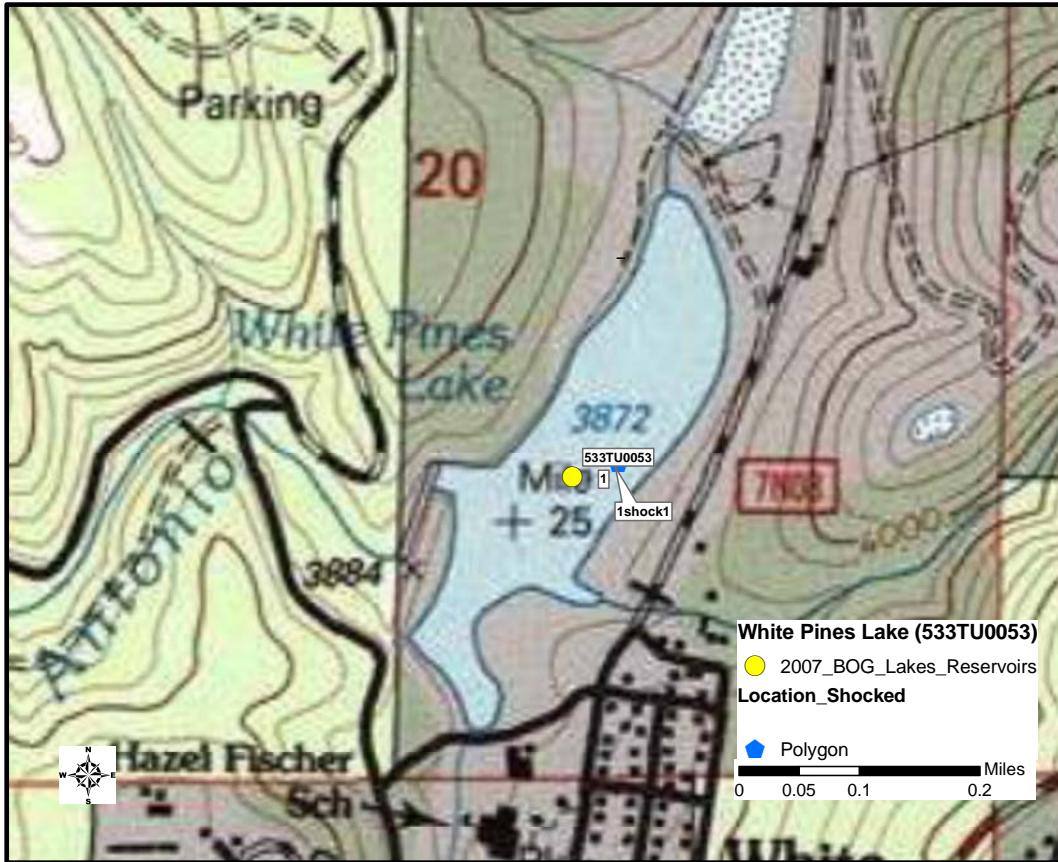
Sacramento Sucker										
TL (mm)	354	355	356	385	413	435	451	452	468	469
Tag #	8213	8212	8215	8214	8218	8219	8221	8217	8220	8216

**Comments:** The sampling vessel was launched from the bank (4x4 needed). Two species of fish were collected using the electrofisher boat. A sample for both species was collected: Sacramento pikeminnow (5 fish) and Sacramento sucker (10 fish). Warmouth and one brown bullhead were the only other fish present. Lake levels were too low to use the concrete ramp.

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## 2007 BOG White Pines Lake (533TU0053)



**Latitude:** 38.26837

**Longitude:** -120.34173

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** October 11, 2007 (Trip 18)

**Samplers:** Billy Jakl, Dylan Service

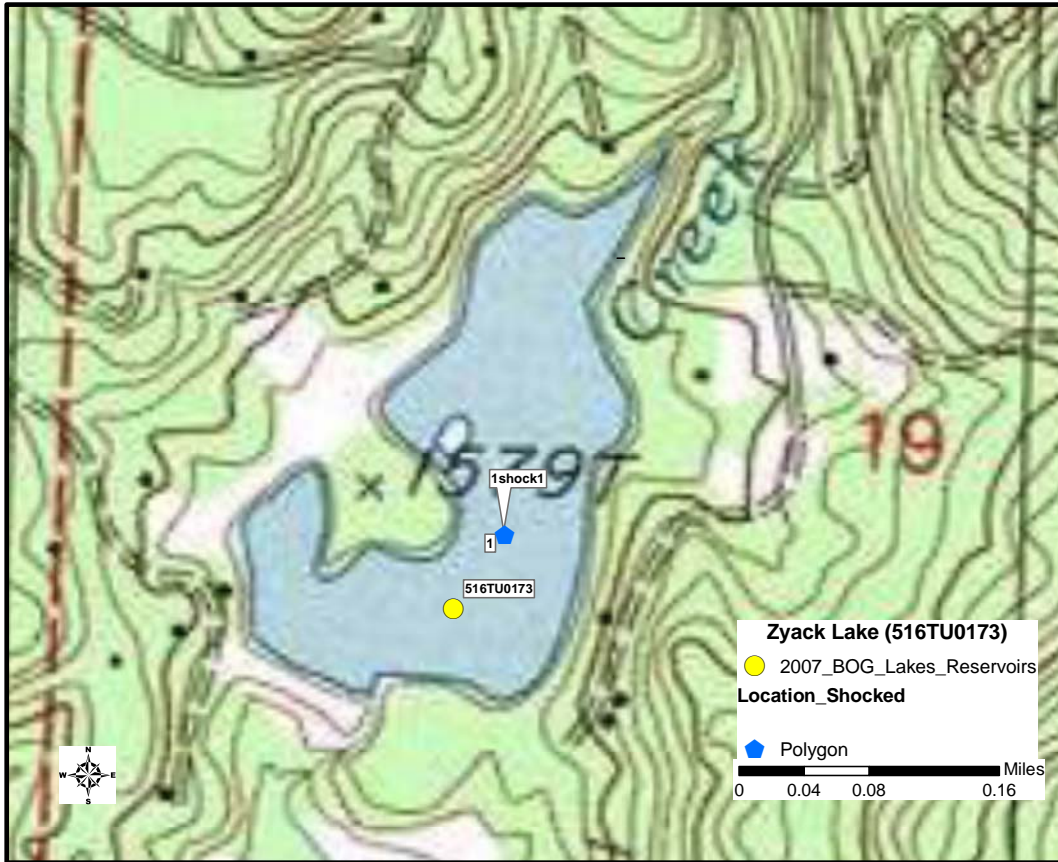
**Fish caught:**

Rainbow Trout										
<b>TL (mm)</b>	249	256	281	282	287	289	297	298	300	316
<b>Tag #</b>	8357	8353	8355	8356	8354	8350	8359	8358	8351	8352

**Comments:** The sampling vessel was launched from the bank. A sample of rainbow trout (10 fish) was collected using the electrofisher boat. No bottom species were collected. Largemouth bass and a couple brown bullheads were the only other fish seen after shocking the entire lake.

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## 2007 BOG Zyack Lake (516TU0173)



**Latitude:** 39.13563  
**Longitude:** -121.13317

**Collection Method:** Electrofisher boat

**Date (s) of Collection:** September 5, 2007 (Trip 14)

**Samplers:** Gary Ichikawa, Dylan Service

**Fish caught:**

Largemouth Bass											
<b>TL (mm)</b>	202	219	274	279	306	309	310	313	314	314	316
<b>Tag #</b>	7870	7871	7873	7872	7957	7958	7954	7955	7951	7959	7952

Largemouth Bass					
<b>TL (mm)</b>	316	319	331	339	389
<b>Tag #</b>	7953	7875	7874	7956	7960

**Comments:** The sampling vessel was launched from a small ramp at the entrance. A sample of largemouth bass (16 fish) was collected using the electrofisher boat. No bottom species were collected.

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Table 1: List of reasons for water body samplability

Sampling Sequence	Area ha	Latitude	Longitude	Site Name	Region	Samplability
1	7.2	40.29173	-124.34206	NA	1	not a lake/res, Mattole River
2	34.1	38.98047	-120.22106	Rubicon Reservoir	5	no access
3	24.7	40.28506	-121.25364	NA	5	Chester flood control ditch into Lake Almanor
4	28.3	36.43099	-121.71033	NA	3	no access
5	32.5	41.98928	-121.79099	Lower Klamath Lake	1	too shallow, no fish collected
6	7.2	37.48550	-122.16994	NA	2	No waterbody
7	162.3	41.55644	-120.87954	Reservoir F	1	Sampled
8	14.9	37.13314	-120.87250	NA	5	Not permanent waterbody
9	8	38.47257	-121.10559	NA	5	no access
10	57.6	37.80350	-122.25626	Merritt Lake	2	estuarine, no fish collected
11	23.2	41.31094	-121.24863	Little Egg Lake	5	no access
12	13.1	36.37606	-119.38358	NA	5	Not permanent waterbody
13	16.4	37.49060	-118.75845	NA	6	no access
14	13	39.21295	-121.41889	Marysville Lake	5	no access
15	12	33.80206	-117.80932	NA	8	Not permanent waterbody
16	43.5	37.19349	-118.33056	Warren Lake	6	no access
17	4.9	40.43476	-122.47797	NA	5	Not permanent waterbody
18	101.1	38.20479	-122.34133	NA	2	estuarine
19	26.6	40.79697	-121.06030	Long Lake	5	no access
20	7	34.76735	-120.52237	NA	3	estuarine
21	24.6	41.69453	-122.50889	NA	1	no access
22	72.4	37.52208	-122.06997	NA	2	estuarine
23	6	41.72840	-121.13101	NA	1	no access
24	22.8	37.32937	-120.97992	NA	5	Sewage disposal pond
25	47.8	38.13162	-119.68233	NA	5	no access
26	16.6	38.30551	-121.36260	NA	5	no access
27	112.5	32.82638	-114.48324	NA	0	in Arizona
28	5	37.23279	-118.70754	NA	5	no access
29	15.4	37.67253	-118.78331	NA	6	High alkalinity, no fish
30	5.2	39.22098	-122.10399	NA	5	no access
31	10.2	34.07332	-117.52293	NA	8	percolation ponds next to slag dump, no fish
32	222.1	36.89033	-119.25953	Pine Flat Lake	5	Sampled
33	7	39.71442	-121.57407	Kunkle Reservoir	5	no access
34	30	38.17418	-122.10371	NA	2	estuarine
35	5.3	40.41022	-120.64778	NA	6	Not permanent waterbody
36	49.8	34.12721	-118.83235	Las Virgenes Reservoir	4	Sampled
37	6.3	37.49860	-121.09281	NA	5	Sewage disposal pond
38	9.3	37.51445	-122.06318	NA	2	estuarine
39	15.3	41.91050	-120.53728	Enquist Reservoir	5	Not permanent waterbody
40	6	36.70265	-120.29462	Marsh in Fresno Slough	5	Sampled
41	13.2	38.44257	-119.36333	Lobdell Lake	6	no access
42	11.4	38.25177	-121.92648	NA	2	settling ponds
43	27.9	35.66401	-117.35720	NA	6	Salt evaporation ponds
44	7.2	37.07751	-118.79765	Guest Lake	5	no access
45	86.5	39.03556	-121.06280	Lake of the Pines	5	Sampled
46	26.1	38.55381	-121.25316	Mather Lake	5	potentially hazardous waste, Mather AFB
47	29.2	33.17755	-117.34505	Buena Vista Lagoon	9	estuarine
48	16.4	35.26566	-119.27811	NA	5	Not permanent waterbody
49	275.9	41.94397	-121.66397	Lower Klamath Lake	1	too shallow, no fish collected
50	38.6	38.03920	-122.08514	NA	2	estuarine
51	376.7	41.19984	-120.39926	West Valley Reservoir	5	Sampled
52	5	37.16397	-120.83981	NA	5	Not permanent waterbody
53	10.1	38.26837	-120.34173	White Pines Lake	5	Sampled
54	13.9	37.60008	-122.11809	NA	2	estuarine
55	4.7	41.95657	-120.06547	NA	6	no access
56	4.6	36.58551	-118.53436	NA	5	no access
57	11.3	37.89094	-119.33993	Dog Lake	5	no access
58	35	37.90449	-121.60561	Discovery Bay	5	Sampled
59	6719.6	36.47096	-116.94355	NA	6	Not permanent waterbody
60	8.1	38.96577	-118.48343	NA	5	no access
61	16.3	39.52059	-120.57878	Milton Reservoir	5	no access
62	9.8	39.00191	-122.76598	Little Borax Lake	5	in the middle of a golf course, no access
63	169.9	32.78654	-116.78817	Loveland Reservoir	9	Sampled
64	8.6	35.79652	-119.42785	NA	5	Not permanent waterbody
65	66.7	41.15918	-124.10997	NA	1	Marsh with a creek running through it
66	10.9	38.92006	-120.15320	Fontanillis Lake	6	no access
67	6.4	40.58540	-120.28719	NA	6	no access
68	6.3	37.12400	-122.32752	NA	3	no access
69	825.3	41.30161	-121.42572	Whitehorse Flat Reservoir	5	no access
70	36	37.49545	-122.20889	NA	2	Salt evaporation ponds
71	28	41.90089	-121.25412	Sage Lake	1	Not permanent waterbody
72	24	37.16968	-120.86652	NA	5	Not permanent waterbody
73	48.1	38.06207	-121.02691	NA	5	Sampled
74	7.9	37.64379	-122.14492	NA	2	estuarine
75	67.6	41.28359	-120.66737	Graven Reservoir	5	no access
76	7.7	36.16838	-119.34461	NA	5	irrigation pond, not a permanent water body
77	28.7	37.51180	-118.93503	Virginia Lake	5	no access
78	18.2	39.55522	-121.74844	NA	5	Not permanent waterbody
79	215.3	34.22360	-117.84647	San Gabriel Reservoir	4	no access, low water
80	5.2	37.09755	-118.54621	NA	5	no access
81	43.6	40.34438	-122.20060	Lake California	5	Sampled
82	76	38.21630	-122.57609	NA	2	Sewage disposal pond
83	52	40.52913	-121.01718	NA	6	no access
84	112.7	34.83531	-118.84261	Castac Lake	5	Sampled
85	16.4	37.47266	-120.55739	NA	5	no access
86	189.5	37.47364	-122.03977	NA	2	Salt evaporation ponds
87	22.8	41.55166	-121.02763	Hoq Lake	5	Not permanent waterbody
88	15	36.70226	-119.89531	NA	5	Sewage disposal pond
89	6.4	38.03328	-119.57619	NA	5	no access
90	6.8	38.07785	-121.71708	NA	5	won't call back, no contact
91	197.2	32.97204	-114.49999	Ferguson Lake	7	Sampled
92	11.1	37.22797	-118.77692	NA	5	no access
93	38.4	37.97037	-118.64363	NA	6	no access
94	5.6	39.24523	-122.32021	NA	5	no access
95	9.6	34.78251	-118.18310	NA	6	Sewage disposal pond
96	7	35.80288	-119.79625	NA	5	Not permanent waterbody
97	41.4	40.47250	-121.33767	Horseshoe Lake	5	no access
98	34.6	38.18051	-122.03309	NA	2	estuarine
99	67	40.18153	-120.19969	NA	6	Not permanent waterbody
100	58.9	37.13507	-120.17548	Brenda Reservoir	5	Not permanent waterbody
101	20.7	38.08849	-119.78935	NA	5	no access
102	353.6	37.47577	-121.98757	NA	2	Salt evaporation ponds
103	63.4	41.92096	-120.78182	Baseball Reservoir	1	Not permanent waterbody
104	10.5	36.72911	-118.51564	Sphinx Lakes	5	no access
105	5	37.68763	-119.23363	NA	5	no access
106	21.2	38.46229	-121.65047	NA	5	no access
107	4.1	35.66831	-117.64014	NA	6	Sewage disposal pond
108	24.2	37.16911	-118.96399	Evolution Lake	5	no access
109	119.5	38.89728	-120.58810	Stump Meadow Lake	5	Sampled
110	20.7	38.68047	-121.66400	NA	5	Sewage disposal pond
111	100.6	33.49090	-116.97105	Vail Lake	9	denied permission
112	43.1	35.38653	-119.64917	NA	5	Not permanent waterbody
113	59.6	41.92224	-121.64695	NA	1	Not permanent waterbody
114	230.9	37.53133	-122.37130	Lower Crystal Springs Reservoir	2	Sampled
115	20.9	40.99736	-120.40533	Mendiboure Reservoir	6	no access
116	8.8	37.11906	-120.82335	NA	5	Not permanent waterbody
117	7.5	37.47399	-120.45305	NA	5	Not permanent waterbody
118	32.9	37.42958	-122.01261	NA	2	Salt evaporation ponds
119	61.3	41.00237	-121.19253	NA	5	Not permanent waterbody
120	7.6	36.58055	-118.56541	Tamarack Lake	5	no access
121	12	37.77708	-119.38499	Emeric Lake	5	no access
122	607.5	37.45530	-121.80513	Calaveras Reservoir	2	Sampled
123	67.6	36.48865	-117.94561	Owens Lake	6	Not permanent waterbody
124	11.1	36.81893	-118.50039	NA	5	no access
125	26.2	39.34817	-120.65202	Fuller Lake	5	Sampled
126	6	38.58773	-122.45204	Lake Henne	2	Sampled
127	40	33.23818	-115.57576	NA	7	Not permanent waterbody
128	38.2	35.71046	-119.61951	NA	5	Not permanent waterbody
129	5.5	40.99553	-123.02844	Mirror Lake	1	no access

Sampling Sequence	Area ha	Latitude	Longitude	Site Name	Region	Samplability
130	15.6	38.88181	-120.12746	Susie Lake	6	no access
131	54.1	40.33403	-120.27116	NA	6	Not permanent waterbody
132	10	37.18304	-121.69343	NA	2	Sampled
133	11.1	41.10449	-121.31349	Crum Reservoir	5	Not permanent waterbody
134	51.8	37.49307	-122.14123	NA	2	estuarine
135	4.2	41.96525	-121.24830	NA	1	no access
136	28.5	37.25465	-120.96285	NA	5	Sewage disposal pond
137	116	38.14856	-119.36364	Upper Twin Lakes at Bridgeport	6	Sampled
138	309.7	37.77606	-122.11748	Upper San Leandro Reservoir	2	Sampled
139	21.6	41.36178	-120.64567	Graves Reservoir	5	no access
140	7.4	36.88810	-118.72468	NA	5	no access
141	6.8	37.45414	-118.88265	Mott Lake	5	no access
142	38.9	39.54913	-121.29179	Ponderosa Reservoir	5	low water
143	10.2	34.10511	-117.99854	NA	4	Gravel pit pond
144	11.3	37.08628	-118.52653	NA	5	no access
145	5.8	39.69613	-122.56407	Hamilton Dam	5	no access, small
146	46.2	37.95237	-122.39479	NA	2	estuarine
147	11.8	40.30445	-121.24487	NA	5	Mill site, no access
148	187.9	34.57592	-118.64111	Elberry Forebay	4	Sampled
149	11	37.74817	-120.64743	NA	5	Sewage disposal pond
150	16.7	37.50116	-122.03721	NA	2	Salt evaporation ponds
151	55.5	41.51755	-121.13013	NA	1	Not permanent waterbody
152	20.5	36.68976	-119.90156	NA	5	Sewage disposal pond
153	744.7	37.94167	-119.72468	Hetch Hetchy Reservoir	5	Sampled
154	13.2	38.00923	-121.37379	NA	5	Sewage disposal pond
155	82.3	34.29739	-114.17245	Gene Wash Reservoir	7	Sampled
156	5.1	37.18387	-118.85235	Upper Indian Lake	5	no access
157	4	39.36280	-120.47979	NA	5	no access
158	10.5	39.40890	-122.13338	NA	5	Not permanent waterbody
159	29.9	34.86452	-117.87580	NA	6	Sewage disposal pond
160	1063.4	35.22731	-119.88857	Soda Lake	3	Not permanent waterbody
161	8.3	40.70151	-121.79349	Buckhorn Lake	5	no access
162	5.2	38.17931	-122.06226	NA	2	estuarine
163	5	39.95359	-120.02165	NA	6	Not permanent waterbody
164	23.6	36.86529	-119.80650	NA	5	Sampled
165	8.2	38.16461	-119.76524	NA	5	no access
166	7.1	37.61481	-122.09894	NA	2	Salt evaporation ponds
167	18.8	41.56071	-120.48559	Griener Reservoir	5	no access
168	10.7	36.67525	-118.43917	NA	5	no access
169	67.4	37.75147	-119.19251	Waugh Lake	6	no access
170	5.8	37.66506	-121.83271	NA	2	Gravel pit pond
171	7.9	35.48498	-115.52539	NA	6	Mining site pond
172	18.8	37.07206	-118.71447	NA	5	no access
173	10.4	39.13563	-121.13317	NA	5	Sampled
174	7.8	38.68935	-121.73458	NA	5	Not permanent waterbody
175	6.6	33.14530	-117.33571	NA	9	estuarine
176	5.8	35.77382	-119.28770	NA	5	no access
177	4	41.89330	-121.75204	NA	1	no access
178	18.9	37.54166	-122.23343	NA	2	estuarine
179	1069	41.09530	-120.40094	Moon Lake	5	only 1 site collected
180	7.7	37.00227	-121.05395	NA	5	no access
181	5.9	38.10230	-120.60325	NA	5	no access
182	85.3	37.44270	-122.01144	NA	2	Salt evaporation ponds
183	36.6	40.94738	-120.91851	Lumper Lake	5	no access
184	10.1	36.51441	-118.28675	Erin Lake	5	no access
185	68.8	37.83101	-119.45927	Tenaya Lake	5	Sampled, No fish collected
186	14.1	39.16418	-122.99971	Lower Blue Lake	5	Sampled
187	443.1	36.14677	-117.94983	Haiwee Reservoir	6	not allowed access
188	12.1	36.95104	-118.39650	NA	5	no access
189	9	38.87446	-119.88780	Star Lake	6	no access
190	86.1	38.11141	-122.94860	Abbotts Lagoon	2	estuarine
191	62.3	34.86712	-116.84459	NA	6	Sewage disposal pond
192	36.4	35.68451	-119.49834	NA	5	Not permanent waterbody
193	22.5	41.52358	-123.11308	Cliff Lake	1	no access
194	35.2	38.30934	-122.19492	Lake Madigan	2	Sampled
195	9.8	40.62611	-121.04736	Crater Lake	5	Sampled
196	5.3	36.87528	-121.46434	NA	3	no access
197	9.5	41.28208	-122.50131	Toad Lake	5	no access
198	42.9	37.54012	-122.09083	NA	2	Salt evaporation ponds
199	96.3	41.67944	-121.28868	Dry Lake	1	Not permanent waterbody
200	32.9	37.21559	-120.91954	NA	5	no access
201	60	38.09903	-119.60651	NA	5	no access
202	5.7	38.36104	-121.26628	NA	5	no access
203	29	33.25478	-114.69258	Three Finger Lake	7	no access
204	19.6	37.28244	-118.74877	NA	5	no access
205	4.9	37.46255	-118.72782	NA	6	no access
206	18.1	39.33408	-121.98738	NA	5	no access
207	4.6	34.02227	-117.43248	NA	8	In the middle of a golf course, no access
208	5.1	36.78701	-119.69454	NA	5	percolation pond, don't think will have fish
209	5.2	40.05050	-121.36363	Green Island Lake	5	no access
210	19	38.11989	-122.44171	NA	2	estuarine
211	153.2	40.84383	-120.79134	NA	6	no access
212	6.7	34.23845	-118.62701	NA	4	no access
213	4.7	37.73023	-120.54491	NA	5	no access
214	8.3	37.51247	-122.03061	NA	2	Salt evaporation ponds
215	107.3	41.57516	-121.13321	Whitney Reservoir	1	no access
216	25.3	36.89728	-119.91184	NA	5	Sewage disposal pond
217	13	37.98338	-119.34841	NA	5	no access
218	33	38.00690	-121.53285	NA	5	no access
219	48	35.77022	-117.35282	NA	6	Salt evaporation ponds
220	22.1	37.32191	-118.81002	Vee Lake	5	no access
221	276.1	39.44350	-120.30843	Independence Lake	6	no access
222	13.8	39.30566	-122.71296	Upper Letts Lake	5	no access
223	5.8	33.66680	-117.84507	NA	8	Sewage disposal pond
224	4.8	35.00784	-118.82255	NA	5	Not permanent waterbody
225	7.2	41.82495	-121.64620	Deep Lake	1	Not permanent waterbody
226	39.4	38.19610	-122.30328	NA	2	Salt evaporation ponds
227	22.4	41.18816	-120.09301	NA	6	no access
228	6.7	37.19670	-120.65648	NA	5	no access
229	416.6	37.98475	-119.85679	Lake Eleanor	5	no access
230	60.5	37.56758	-122.11775	NA	2	Salt evaporation ponds
231	37626.2	41.94036	-120.41670	Goose Lake	5	no access
232	6.3	36.65947	-118.33099	NA	6	no access
233	11.3	37.63754	-119.15699	Beck Lakes	5	no access
234	9	37.66068	-121.25418	NA	5	no access
235	12.1	36.89719	-118.20845	NA	6	Not permanent waterbody
236	44.8	37.12742	-118.72085	Davis Lake	5	no access
237	60	39.69996	-120.68136	NA	5	no access
238	8	38.88319	-121.80781	Horseshoe Lake	5	no access
239	39.1	32.59919	-117.11935	NA	9	Salt evaporation ponds
240	21.7	35.73574	-119.47366	NA	5	Not permanent waterbody
241	12.7	41.92717	-121.75374	Glaser Lakes	1	no access
242	67.1	37.52939	-122.22143	NA	2	estuarine
243	19.9	41.48306	-120.58102	NA	5	No waterbody
244	26.1	37.01827	-120.72129	NA	5	no access
245	7.1	38.36881	-120.93728	Preston Reservoir	5	Not permanent waterbody
246	60.7	37.44104	-122.04807	NA	2	Salt evaporation ponds
247	46.3	41.08126	-120.62514	Holbrook Reservoir	5	Not permanent waterbody
248	5.1	36.30246	-118.81481	NA	5	no access
249	5.7	38.49067	-119.43766	Iron Lakes	1	no access
250	13.5	38.96501	-123.70767	NA	1	no access
251	329.1	36.70083	-117.90942	Salt Lake	6	no access
252	24.6	36.80820	-118.40151	Rae Lakes	5	no access
253	10.4	38.76390	-119.98567	Scotts Lake	6	no access
254	51.4	39.90036	-121.21798	Lower Bucks Lake	5	Sampled
255	9	34.22869	-116.06574	NA	7	Sewage disposal pond
256	170.7	35.74315	-119.59021	NA	5	no access
257	14.6	41.69073	-121.98463	NA	1	Not permanent waterbody
258	30	37.49370	-122.20041	NA	2	Salt evaporation ponds
259	196	41.69894	-120.58788	Dead Horse Reservoir	5	no access

Sampling Sequence	Area ha	Latitude	Longitude	Site Name	Region	Samplability
260	17.6	37.14723	-120.85181	NA	5	no access
261	8.7	37.50587	-118.88885	Cecil Lake	5	no access
262	13.4	39.20157	-121.42850	NA	5	no access
263	15.7	33.83983	-117.74884	Walnut Canyon Reservoir	8	no access
264	5.4	37.23225	-118.61376	North Lake	6	no access
265	6.2	40.39342	-122.33492	NA	5	no access
266	297.1	38.48759	-122.36868	Lake Hennessey	2	no access, low water
267	6	40.80972	-121.01180	NA	5	Not permanent waterbody
268	6.7	34.44992	-119.95031	NA	3	no access
269	15.6	41.53372	-122.48159	Freeway Lake	1	Not permanent waterbody
270	14.3	37.51509	-122.09890	NA	2	Salt evaporation ponds
271	32.6	41.72945	-121.11985	Lone Pine Lake	1	Not permanent waterbody
272	53.4	37.10507	-121.13837	NA	5	no access
273	18.3	38.09724	-119.68966	NA	5	no access
274	6.1	38.44068	-121.48496	NA	5	Not permanent waterbody
275	33.2	32.87794	-114.47805	NA	7	no access
276	15.4	37.21076	-118.65062	Upper Lamarck Lake	6	no access
277	17.5	37.90762	-118.57999	NA	5	Not permanent waterbody
278	14.8	39.17936	-122.09136	NA	6	Not permanent waterbody
279	92.2	34.55064	-118.12082	Lake Palmdale	6	Sampled
280	5.5	35.48399	-120.97549	NA	3	Not permanent waterbody
281	40.4	40.34012	-121.43288	Wilson Lake	5	no access
282	4.9	38.18800	-122.11970	NA	2	estuarine
283	11.3	40.35085	-120.58198	Shugru Reservoir	6	no access
284	16	34.10706	-118.75775	Malibu Lake	4	Sampled
285	7	37.48007	-121.07111	Lake Ramona	5	Not permanent waterbody
286	22.5	37.52390	-122.05958	NA	2	Not permanent waterbody
287	93.7	41.80123	-120.64853	South Mountain Reservoir	1	no access
288	6.7	36.72143	-120.24407	NA	5	Not permanent waterbody
289	4.6	38.33733	-119.54007	NA	6	no access
290	131.9	38.25856	-121.77571	NA	5	Shallow Marsh
291	54.2	35.67407	-117.34952	NA	6	salt pond
292	5.4	37.14466	-118.66532	NA	5	no access
293	146.5	39.00670	-121.04311	Lake Combie	5	Sampled
294	10	38.55361	-121.54454	Washington, Lake	5	no access
295	45.7	33.33170	-117.32257	NA	9	no access
296	52.7	35.17428	-119.13396	NA	5	Oil seepage pond
297	362.2	41.94765	-121.68880	NA	1	dry
298	232.4	37.92423	-122.19054	Briones Reservoir	2	Sampled
299	8.8	41.38182	-120.22037	Patterson Lake	6	no access
300	7.9	37.13619	-120.77684	NA	5	Not permanent waterbody
301	16.9	37.67703	-120.43591	La Grange Res	5	Sampled
302	101.9	37.61430	-122.14146	NA	2	saltwater
303	43.8	41.97815	-120.00295	NA	6	no roads, dry
304	18.2	36.57046	-118.53834	NA	5	no access
305	5.2	37.81367	-119.22437	NA	5	no access
306	10.4	37.39873	-121.75410	Cherry Flat Reservoir	2	too low
307	4.6	36.48901	-118.23370	High Lake	6	no access
308	13.1	36.89023	-118.45139	NA	5	no access
309	21.3	39.46254	-120.56142	Jackson Lake	5	Sampled, No fish collected
310	28.8	38.78222	-122.47486	Jemel Lake	5	Not permanent waterbody
311	6.7	32.57996	-116.46272	Big Laguna Lake	9	no access
312	7.2	35.82897	-119.47804	NA	5	Not permanent waterbody
313	9.3	40.91177	-124.02859	Essex Pond	1	dry
314	9.4	38.89666	-120.13654	Half Moon Lake	6	no access
315	13.2	40.31103	-120.40091	NA	6	no access
316	9.5	36.96604	-121.99381	Schwan Lagoon	3	salt water
317	16.1	41.10471	-121.51275	NA	5	river
318	11	37.56982	-121.99866	NA	2	Sampled
319	7	41.77067	-121.25107	Harvey Lake	1	Not permanent waterbody
320	8.5	37.16786	-120.88355	NA	5	Not permanent waterbody
321	11.2	38.13660	-121.04827	NA	5	Not permanent waterbody
322	7.9	37.62196	-122.14899	NA	2	Salt evaporation ponds
323	10.9	41.37124	-120.77695	White Reservoir	5	Not permanent waterbody
324	7.3	36.38349	-119.13429	John's River	5	river
325	7.6	37.55139	-118.95285	Pika Lake	5	no access
326	1563.6	39.45655	-121.65809	Thermalito Afterbay	5	Sampled
327	31.3	34.13745	-117.75172	NA	4	perk pond or sewer
328	5.8	37.09311	-118.62425	NA	5	no access
329	38	40.63021	-122.48324	Spring Creek Reservoir	5	Toxic waste pond
330	5.2	38.40377	-122.65122	NA	1	Not permanent waterbody
331	576	40.46874	-120.95813	McCoy Flat Reservoir	6	Not permanent waterbody
332	58.3	34.70760	-118.43368	Fairmont Reservoir	6	no access
333	10.2	37.61915	-120.83293	NA	5	denied permission
334	79	37.50515	-122.04944	NA	2	Salt evaporation ponds
335	15.3	41.74855	-121.03934	NA	1	no access
336	15.1	36.69998	-119.89419	NA	5	Sewage disposal pond
337	21.3	38.03032	-119.68789	NA	5	no access
338	25.3	38.04007	-121.94851	NA	2	Discharge pond
339	149.8	32.90824	-114.48919	Senator Wash Reservoir	7	Sampled
340	12.5	37.23001	-118.73070	Payne Lake	5	no access
341	8.8	39.35762	-120.29969	NA	6	no access
342	8.2	39.25174	-122.10575	NA	5	no access
343	9.2	34.78516	-118.16127	NA	6	Sewage disposal pond
344	4	35.87779	-121.17271	NA	3	Not permanent waterbody
345	5.1	40.49273	-121.45247	Summit Lake	5	marsh
346	5	38.14588	-120.65247	NA	2	estuarine
347	196.8	40.29333	-120.38061	Hartson Lake	6	shallow
348	6.9	36.83745	-120.36770	NA	5	no waterbody
349	24.7	38.11980	-119.79864	NA	5	no access
350	64.8	37.58501	-122.10145	NA	2	Salt evaporation ponds
351	13.6	41.91929	-120.83595	Picnic Grove Reservoir	1	Not permanent waterbody
352	7.3	36.61834	-118.60479	NA	5	no access
353	6.4	37.64261	-119.30408	Sadler Lake	5	no access
354	18.4	37.69240	-121.91301	NA	2	Sewage Pond
355	69.7	35.32006	-117.90946	NA	6	shallow, brackish
356	9.4	37.14935	-118.66938	NA	5	no access
357	4.8	38.58927	-121.19365	NA	5	Not permanent waterbody
358	12.4	38.71716	-121.63538	NA	5	no access
359	17.3	33.55713	-117.10530	NA	9	Not permanent waterbody
360	10.5	35.34743	-119.63787	NA	5	Sewage disposal pond
361	1319.4	41.84693	-121.44979	Tule Lake	1	denied permission, endangered spp
362	39.1	37.55467	-122.43232	Pilarcitos Lake	2	Sampled
363	6.3	40.98670	-120.11939	NA	6	no access
364	6.3	37.04469	-120.73356	NA	5	Ag drain
365	20.2	37.50824	-120.36084	NA	5	no access
366	92.6	37.42326	-122.00822	NA	2	Salt Pond
367	11	41.13712	-120.99703	NA	5	no access
368	14.4	36.56144	-118.27243	Consultation Lake	6	no access
369	6	37.66020	-119.41914	NA	5	no access
370	86.1	37.44647	-121.93285	NA	2	Sewage Pond
371	11.4	36.47123	-118.02946	NA	6	Not permanent waterbody
372	9.9	36.87176	-118.63105	NA	5	no access
373	18.8	39.40041	-120.63290	Feeley Lake	5	Sampled
374	8.3	38.50137	-122.43972	NA	2	Filtration Plant
375	9.5	33.19590	-115.58345	NA	7	Brackish
376	35.3	35.62883	-119.52261	NA	5	Not permanent waterbody
377	9.6	41.02803	-122.97673	Lower Caribou Lake	1	no access
378	11	38.85860	-120.14766	NA	5	no access
379	31.4	40.34314	-120.28112	Honey Lake Pond	6	Not permanent waterbody
380	39.7	37.32646	-121.91744	Lake Elzman	2	no access
381	11.4	40.99875	-121.89049	Tunnel Reservoir	5	Sampled
382	86.1	37.50519	-122.06932	NA	2	Salt Pond
383	39.8	41.85684	-121.01714	NA	1	Not permanent waterbody
384	5.6	37.20582	-120.91329	NA	5	no access
385	16.6	38.01344	-119.48549	NA	5	no access
386	4.7	38.26152	-121.51260	Meadows Slough	5	Sampled
387	5.5	41.39689	-120.69992	NA	5	no access
388	17.3	37.01549	-118.70440	Tunemah Lake	5	no access
389	9	37.46625	-118.95624	Wibur May Lake	5	no access

Sampling Sequence	Area ha	Latitude	Longitude	Site Name	Region	Samplability
390	24.4	39.50446	-121.41599	Lake Wyandotte	5	Not permanent waterbody
391	1071.6	33.83620	-117.42284	Lake Mathews	8	Sampled
392	69.8	37.14728	-119.51559	Kerckhoff Lake	5	low water
393	4.1	40.19519	-122.28842	Fingers Lake	5	Sampled
394	56.4	37.95576	-122.49345	NA	2	Not permanent waterbody
395	12.2	40.43246	-121.16182	Echo Lake	5	no access
396	54.9	34.48884	-119.49989	Jameson Lake	3	Sampled
397	5.7	37.67075	-121.20204	Miller Lake	5	no fish
398	12.8	37.50248	-122.02937	NA	2	Salt Pond
399	16.7	41.51034	-121.12711	NA	1	Not permanent waterbody
400	14.9	36.68632	-119.89200	NA	5	Sewage Pond
401	18.9	38.08478	-119.30930	NA	6	no access
402	70.4	37.93198	-121.33544	NA	5	Sewage Pond
403	90.9	35.02091	-117.31228	NA	6	Shallow Marsh
404	13.7	37.12540	-118.83085	Devils Punchbowl	5	no access
405	32.3	39.30911	-120.42786	Kidd Lake	5	Sampled
406	4.8	39.48548	-122.14509	NA	5	Gravel Pit
407	25.2	34.85923	-117.88491	NA	6	Sewage Pond
408	222.9	35.20417	-119.83988	NA	3	Not permanent waterbody
409	9.8	40.84317	-122.01572	Pin River/Fenders Flat	5	river
410	110.1	38.19880	-122.33919	NA	2	Salt Pond
411	2324.1	41.47380	-120.09526	Middle Alkali Lake	6	dry, alkaline, no fish
412	113.2	37.02065	-119.98676	Madera Lake	5	irrigation pond, no fish
413	37.1	37.99892	-119.79484	Laurel Lake	5	no access
414	121.9	37.57465	-122.09752	NA	2	Salt Pond
415	34.4	41.67276	-120.39820	NA	5	no access
416	4.9	36.73193	-118.42557	NA	5	no access
417	137.6	37.72209	-119.18173	Thousand Island Lake	5	no access
418	20.9	37.88913	-121.72736	Marsh Creek Reservoir	5	no access
419	27.5	36.86673	-118.20192	NA	6	Not permanent waterbody
420	9.9	37.17699	-118.80803	NA	5	no access
421	5.9	39.31934	-121.12688	Pine Grove Reservoir	5	Not permanent waterbody
422	41.2	38.69493	-121.72349	NA	5	Sewage Pond
423	7.9	32.84215	-117.03022	Kumeyaay Lake	9	no access
424	27.3	35.75464	-119.47437	NA	5	Private duck pond, no access
425	1191.1	41.90067	-121.70629	Lower Klamath Lake Sump	1	shallow marsh
426	4.3	37.54552	-122.24297	NA	2	estuarine
427	37.8	41.05964	-120.46584	NA	6	Not permanent waterbody
428	44.8	37.03860	-120.76108	Well Pond	5	Not permanent waterbody
429	376.2	38.03350	-120.74603	Salt Spring Valley Reservoir	5	no access
430	4	37.45507	-122.00140	NA	2	Salt Pond
431	44	41.01608	-120.62416	Spooner Reservoir	5	No access
432	21	36.44903	-118.34823	Funston Lake	5	No access
433	9.9	37.90022	-119.51358	NA	5	No access
434	23.3	38.88660	-122.77699	Boggs Lake	5	Not permanent waterbody
435	39.7	36.49274	-117.89455	NA	6	Not permanent waterbody
436	14.4	36.99934	-118.42866	Cardinal Lake	5	No access
437	12.5	38.60408	-119.86721	Wet Meadows Reservoir	6	Not permanent waterbody
438	92.8	38.20813	-122.75150	Laguna Lake	2	no access
439	7.5	34.86186	-116.68818	NA	6	Not permanent waterbody
440	19.2	35.68899	-119.51947	NA	5	Not permanent waterbody
441	5.5	41.79074	-124.18934	NA	1	no access
442	36.5	38.20915	-122.21925	NA	2	Salt Pond
443	25.6	40.79998	-121.11949	Schrode Lake	5	Not permanent waterbody
444	22.5	36.88933	-121.46003	NA	3	Not permanent waterbody
445	5.1	41.99526	-122.63465	NA	1	Not permanent waterbody
446	15.3	37.53636	-122.06535	NA	2	no waterbody
447	8.1	41.75087	-121.11505	NA	1	Not permanent waterbody
448	6.1	37.22687	-120.91555	NA	5	Not permanent waterbody
449	4.4	38.20228	-119.67331	NA	5	No access
450	43.7	38.25721	-121.42585	Cosumnes	5	Sampled
451	16.5	33.11188	-114.70587	NA	7	No access
452	20.6	37.28672	-118.73447	Puppet Lake	5	No access
453	9	37.39770	-118.75299	Chickenfoot Lake	6	No access
454	5.9	39.26928	-121.90844	NA	5	marsh
455	409.4	33.87550	-117.07589	NA	8	irrigated farmland
456	6.1	37.28122	-119.24619	Nellie Lake	5	No access
457	13.2	39.87219	-122.02747	Soto Lake	5	Not permanent waterbody
458	9.8	38.08121	-122.50812	NA	2	estuarine
459	24.7	40.73012	-120.51939	Branham Reservoir	6	Not permanent waterbody
460	54.2	34.14543	-118.51441	Encino Reservoir	4	no fish
461	67.1	37.53362	-121.10280	NA	5	Sewage Pond
462	17	37.51358	-122.02694	NA	2	salt pond
463	176.8	41.95834	-120.82318	NA	1	Not permanent waterbody
464	19.4	36.70367	-119.90504	NA	5	Sewage Pond
465	4.7	37.99507	-119.28750	Odell Lake	6	no access
466	21.7	38.27044	-121.82709	NA	5	Not permanent waterbody
467	6.2	35.76798	-117.36275	NA	6	salt pond
468	5.1	37.19321	-118.82493	NA	5	no access
469	34.3	39.41923	-120.38403	White Rock Lake	5	no access
470	6.7	38.91936	-121.39935	NA	5	Not permanent waterbody
471	5.3	33.70855	-118.05886	NA	8	estuarine
472	23.6	35.22448	-119.55173	NA	5	Sewage Pond
473	14.4	41.86104	-121.61529	NA	1	Not permanent waterbody
474	41.7	38.18769	-122.30610	NA	2	salt pond
475	3319.3	41.24284	-120.01916	Lower Lake	6	Not permanent waterbody
476	5.4	37.19931	-120.78033	NA	5	Not permanent waterbody
477	85.8	38.28238	-119.73851	Relief Reservoir	5	no access
478	256.1	37.57770	-122.13100	NA	2	salt pond
479	501.9	41.77702	-120.47565	NA	5	Not permanent waterbody
480	36.5	36.59749	-118.28030	Tulainyo Lake	5	no access
481	90.4	37.70877	-119.16253	Garnet Lake	5	no access
482	5.4	37.79659	-121.28382	NA	5	Not permanent waterbody
483	398.4	37.06233	-118.22012	Tinemaha Reservoir	6	not allowed access
484	6.7	37.17635	-118.76387	NA	5	no access
485	12.6	39.66929	-120.63496	Haven Lake	5	no access
486	6.3	38.51275	-122.05213	Putah Creek	5	no access
487	28.3	32.59681	-117.10755	NA	9	salt pond
488	10.5	35.77177	-119.55745	NA	5	no waterbody
489	11.2	41.92225	-121.74318	NA	1	Not permanent waterbody
490	156.9	37.52597	-122.23392	NA	2	salt pond
491	24.1	41.55074	-120.68684	NA	5	no waterbody
492	37.8	37.03074	-120.75172	Big Water Lake	5	Not permanent waterbody
493	14.7	38.27332	-121.14481	NA	5	Not permanent waterbody
494	171	37.44234	-122.07475	NA	2	salt Pond
495	1052.7	41.33005	-121.28225	NA	5	dry marsh
496	8	36.41440	-118.60691	Eagle Lake	5	no access
497	5.2	37.62526	-119.31477	Joe Crane Lake	5	no access
498	14.7	39.28425	-121.53738	NA	5	Not permanent waterbody
499	76.8	34.49763	-117.26624	Spring Valley Lake	6	Sampled
500	5.3	36.86130	-118.38376	NA	5	no access
501	5.1	38.68289	-120.00916	Woods Lake	5	no access
502	15.8	39.98401	-121.01807	Smith Lake	5	no access
503	9.2	34.14264	-115.70784	NA	7	Not permanent waterbody
504	16.5	35.77218	-119.58364	NA	5	Not permanent waterbody
505	4.2	39.79663	-123.27915	NA	1	Not permanent waterbody
506	4.3	39.01441	-120.18147	Lost Lake	6	no access
507	41.5	40.85257	-120.08788	NA	6	no access
508	34.6	36.72867	-121.28646	NA	3	No access
509	85.8	41.61928	-122.00768	NA	1	Not permanent waterbody
510	41.2	37.50118	-122.18610	NA	2	salt pond
511	89.6	41.71506	-120.68393	Dorris Brothers Reservoir	5	Not permanent waterbody
512	6.6	37.12087	-120.85914	NA	5	dry marsh
513	13.2	38.48140	-121.06138	NA	5	No Access
514	126	37.72062	-122.10636	Lake Chabot	2	Sampled