

Central Valley Water Board Lakes/Water Bodies Sampled for Sport Fish Contamination

The State Water Resources Control Board's Surface Water Ambient Monitoring Program (SWAMP) completed a two-year survey of contaminants in sport fish from lakes and reservoirs. This table summarizes mercury and PCB concentrations found in sport fish from 118 lakes sampled in the Central Valley during 2007 and 2008. Mercury and PCB concentrations are categorized based on advisory consumption thresholds developed by the Office of Environmental Health Hazard Assessment (OEHHA). For more information on OEHHA safe eating guidelines, visit

http://www.oehha.ca.gov/fish/so_cal/index.html.

The full SWAMP assessment reports, data, and additional information on this survey is available at:

http://www.waterboards.ca.gov/water_issues/programs/swamp/lakes_study.shtml

Color Coding Related to OEHHA Advisory Thresholds as Follows:

Color	Mercury (Hg-ppb)		PCBs (ppb)	Guideline
na	not analyzed		not analyzed	not applicable
	<70		<3.6	more than 3 servings/week
	70 - 440		3.6 - 120	one to three servings/week
	>440		>120	no consumption

Lake #	Lake Name	Year Sampled	Summary Hg and PCB Concentrations for Certain Fish Species			
			Fish Species Sampled	Constituent		Types of fish NOT tested
				Hg	PCBs	
1	Un-named Lake #73	2007	Common Carp			Trout, Catfish
			Largemouth Bass		na	
2	Un-named Lake #164	2007	Common Carp			Trout, Catfish
			Largemouth Bass		na	
59	Antelope Lake	2008	Largemouth Bass		na	Trout, Carp, Sucker
			Brown Bullhead			
60	Bass Lake	2008	Largemouth Bass		na	Trout, Carp, Sucker
			Brown Bullhead			
61	Beardsley	2008	Rainbow Trout			Trout, Carp, Sucker, Bullhead
62	Big Lake	2008	Rainbow Trout		na	Bass, Carp, Bullhead
			Sacramento Sucker			
63	Big Reservoir	2008	Rainbow Trout			Bass, Carp, Sucker, Bullhead
64	Black Butte Lake	2008	Smallmouth Bass		na	Trout, Sucker, Bullhead
			Common Carp			
65	Blue Lakes	2008	Largemouth Bass			Trout, Carp, Sucker, Bullhead
66	Bowman Lake	2008	Brown Trout			Bass, Carp, Sucker, Bullhead
67	Brite Valley Lake	2008	Largemouth Bass		na	Trout, Carp, Sucker
			Brown Bullhead			
68	Bucks Lake	2008	Rainbow Trout			Bass, Carp, Sucker, Bullhead
69	Butt Valley Reservoir	2008	Smallmouth Bass		na	Trout, Carp, Sucker, Bullhead
70	Butte Lake	2008	Rainbow Trout			Bass, Carp, Sucker, Bullhead
71	Camanche Reservoir	2008	Largemouth Bass			Trout, Carp, Sucker, Bullhead
3	Camp Far West	2007	Channel Catfish			Trout, Carp
			Spotted Bass		na	
4	Caples Lake	2007	Brown Trout			Bass, Catfish, Carp

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			Fish Species Sampled	Constituent		Types of fish NOT tested
				Hg	PCBs	
5	Castac Lake	2007	Black Crappie			Trout, Catfish, Carp
			Largemouth Bass			
72	Castle Lake	2008	Rainbow Trout			Bass, Carp, Sucker, Bullhead
73	Cave Lake	2008	Brook Trout			Bass, Carp, Sucker, Bullhead
74	Clear Lake	2008	Largemouth Bass		na	Trout, Sucker, Bullhead
			Common Carp			
75	Collins Lake	2008	Largemouth Bass			Trout, Carp, Sucker, Bullhead
6	Cosumnes River	2007	Largemouth Bass			Trout, Catfish, Carp
7	Contra Loma Reservoir	2007	Largemouth Bass			Trout, Catfish, Carp
76	Courtright Reservoir	2008	Rainbow Trout			Bass, Carp, Sucker, Bullhead
8	Discovery Bay	2007	Largemouth Bass			Trout, Catfish, Carp
9	Don Pedro Reservoir	2007	Common Carp			Trout, Catfish
			Largemouth Bass		na	
77	Duncan Reservoir	2008	Rainbow Trout		na	Bass, Carp, Sucker
			Brown Bullhead			
78	Eastman Lake_BOG	2008	Largemouth Bass		na	Trout, Sucker, Bullhead
			Common Carp			
10	East Park Reservoir	2007	Common Carp			Trout, Catfish
			Largemouth Bass		na	
79	Faucherie Lake	2008	Rainbow Trout			Bass, Carp, Sucker, Bullhead
11	Feeley Lake	2007	Brown Bullhead			Trout, Catfish, Carp, Bass
12	Finger Lake	2007	Largemouth Bass			Trout, Catfish, Carp
13	Florence Lake	2007	Brown Trout			Bass, Catfish, Carp
80	Folsom Lake	2008	Largemouth Bass			Trout, Carp, Sucker, Bullhead
14	French Meadows Reservoir	2007	Rainbow Trout			Bass, Catfish, Carp
15	Frenchman Lake	2007	Rainbow Trout			Bass, Catfish, Carp
16	Fuller Lake	2007	Brown Trout		na	Bass, Catfish, Carp
17	Gold Lake	2007	Rainbow Trout			Bass, Catfish, Carp
18	Gumboot Lake	2007	Rainbow Trout			Bass, Catfish, Carp
81	Harry L Englebright Lake	2008	Rainbow Trout		na	Bass, Carp, Bullhead
			Sacramento Sucker			
82	Hell Hole Reservoir	2008	Brown Trout			Bass, Carp, Sucker, Bullhead
19	Hensley Lake	2007	Common Carp			Trout, Catfish
			Largemouth Bass		na	
20	Hetch Hetchy Reservoir	2007	Brown Trout			Bass, Catfish, Carp
83	Hume Lake	2008	Rainbow Trout			Bass, Carp, Sucker, Bullhead
84	Huntington Lake	2008	Rainbow Trout			Bass, Carp, Sucker, Bullhead
85	Ice House Reservoir	2008	Rainbow Trout			Bass, Carp, Sucker, Bullhead
86	Iron Canyon Reservoir	2008	Rainbow Trout			Bass, Carp, Sucker, Bullhead
87	Isabella Lake	2008	Largemouth Bass		na	Trout, Sucker, Bullhead
			Common Carp			
88	Jackson Meadow Reservoir	2008	Rainbow Trout			Bass, Carp, Sucker, Bullhead

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			Fish Species Sampled	Constituent		Types of fish NOT tested
				Hg	PCBs	
89	Jenkinson Lake	2008	Rainbow Trout			Carp, Sucker, Bullhead
			Lg/sm-mouth Bass		na	
21	Kidd Lake	2007	Brown Bullhead			Trout, Catfish, Carp, Bass
22	La Grange Reservoir	2007	Rainbow Trout			Bass, Catfish, Carp
90	Lake Almanor	2008	Smallmouth Bass			Trout, Carp, Sucker, Bullhead
23	Lake Alpine	2007	Rainbow Trout			Bass, Catfish, Carp
91	Lake Amador	2008	Largemouth Bass			Trout, Carp, Sucker, Bullhead
92	Lake Berryessa	2008	Largemouth Bass			Trout, Carp, Sucker, Bullhead
93	Lake Britton	2008	Smallmouth Bass		na	Trout, Sucker, Bullhead
			Common Carp			
24	Lake California	2007	Largemouth Bass			Trout, Catfish, Carp
25	Lake Combie	2007	Largemouth Bass		na	Trout, Catfish, Carp
			Sacramento Sucker			
94	Lake Davis	2008	Rainbow Trout		na	Bass, Carp, Sucker
			Brown Bullhead			
95	Lake Kaweah	2008	Largemouth Bass		na	Trout, Sucker, Bullhead
			Common Carp			
26	Lake McClure	2007	Common Carp			Trout, Catfish
			Largemouth Bass		na	
27	Lake McSwain	2007	Largemouth Bass		na	Trout, Catfish, Carp
			Sacramento Sucker		na	
28	Lake Natoma	2007	Common Carp			Trout, Catfish
			Largemouth Bass		na	
29	Lake of the Pines		Largemouth Bass			Trout, Catfish, Carp
30	Lake Oroville	2007	Common Carp			Trout, Catfish
			Smallmouth Bass		na	
96	Lake Spaulding	2008	Rainbow Trout			Bass, Carp, Sucker, Bullhead
97	Lake Webb	2008	Largemouth Bass		na	Trout, Sucker, Bullhead
			Common Carp			
98	Lily Lake	2008	Rainbow Trout			Bass, Carp, Sucker, Bullhead
99	Little Grass Valley Reservoir	2008	Rainbow Trout			Bass, Carp, Sucker, Bullhead
31	Loon Lake	2007	Brown Trout			Bass, Catfish, Carp
32	Los Banos Reservoir	2007	Largemouth Bass			Trout, Catfish, Carp
100	Los Vaqueros Reservoir	2008	Largemouth Bass		na	Trout, Carp, Sucker
			Sacramento Sucker			
33	Lower Bear River Reservoir	2007	Rainbow Trout			Bass, Catfish, Carp
34	Lower Blue Lake	2007	Common Carp			Trout, Catfish
			Largemouth Bass		na	
101	Lower Blue Lake-Alpine County	2008	Rainbow Trout			Bass, Carp, Sucker, Bullhead
35	Lower Bucks Lake	2007	Kokanee			Bass, Catfish, Carp
36	Mammoth Pool Reservoir	2007	Rainbow Trout			Bass, Catfish, Carp

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				Hg	PCBs	
37	Marsh in Fresno Slough	2007	Brown Bullhead			Trout, Catfish, Carp
			Largemouth Bass		na	
102	McCumber Reservoir	2008	Rainbow Trout			Bass, Carp, Sucker, Bullhead
38	Meadows Slough	2007	Largemouth Bass		na	Trout, Catfish, Carp
			Sacramento Sucker			
103	Medicine Lake	2008	Brook Trout			Bass, Carp, Sucker, Bullhead
39	Millerton Lake	2007	Largemouth Bass			Trout, Catfish, Carp
40	Modesto Reservoir	2007	Common Carp			Trout, Catfish
			Smallmouth Bass		na	
41	Moon Lake	2007	Sacramento Pikeminnow			Trout, Catfish, Carp, Bass
104	New Bullards Bar Reservoir	2008	Largemouth Bass			Trout, Carp, Sucker, Bullhead
105	New Hogan Lake	2008	Largemouth Bass			Trout, Carp, Sucker, Bullhead
106	New Melones Lake	2008	Largemouth Bass		na	Trout, Sucker, Bullhead
			Common Carp			
107	North Battle Creek Reservoir	2008	Brown Trout			Bass, Carp, Sucker, Bullhead
42	O'Neill Forebay	2007	Channel Catfish			Trout; Carp
			Largemouth Bass			
108	Paradise Lake	2008	Largemouth Bass			Trout, Carp, Sucker, Bullhead
43	Pine Flat Lake	2007	Common Carp		na	Trout, Catfish
			Largemouth Bass		na	
44	Pinecrest	2007	Rainbow Trout			Bass, Catfish, Carp
109	Reservoir C	2008	Rainbow Trout			Bass, Carp, Sucker, Bullhead
110	Rollins Reservoir	2008	Smallmouth Bass		na	Trout, Carp, Bullhead
			Sacramento Sucker			
45	San Luis Reservoir	2007	Common Carp			Trout, Catfish
			Largemouth Bass		na	
111	Scotts Flat Reservoir	2008	Rainbow Trout			Bass, Carp, Sucker, Bullhead
46	Shasta Lake	2007	Channel Catfish			Trout, Carp
			Spotted Bass		na	
112	Silver Lake	2008	Rainbow Trout			Bass, Carp, Sucker, Bullhead
113	Siskiyou Lake	2008	Smallmouth Bass			Trout, Carp, Sucker, Bullhead
114	Spicer Meadow Reservoir	2008	Rainbow Trout			Bass, Carp, Sucker, Bullhead
47	Stony Gorge Reservoir	2007	Largemouth Bass		na	Trout, Catfish, Carp
			Sacramento Sucker			
48	Stump Meadow Lake	2007	Brown Trout			Bass, Catfish, Carp
115	Success Lake	2008	Rainbow Trout			Bass, Sucker, Bullhead
			Common Carp			
49	Thermalito Afterbay	2007	Common Carp			Trout, Catfish
			Largemouth Bass		na	
50	Tulloch Reservoir	2007	Largemouth Bass			Trout, Catfish, Carp
51	Tunnel Reservoir	2007	Sacramento Pikeminnow		na	Trout, Catfish, Carp, Bass
			Sacramento Sucker			

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52	Turlock Lake	2007	Common Carp			Trout, Catfish
			Largemouth Bass		na	
116	Union Valley Reservoir	2008	Rainbow Trout			Bass, Carp, Sucker, Bullhead
117	Upper Blue Lake	2008	Rainbow Trout			Bass, Carp, Sucker, Bullhead
53	West Valley Reservoir	2007	Sacramento Sucker			Trout, Catfish, Carp, Bass
118	Whiskeytown Lake	2008	Largemouth Bass			Trout, Carp, Sucker, Bullhead
54	White Pines Lake	2007	Rainbow Trout			Bass, Catfish, Carp
55	Wishon Reservoir	2007	Rainbow Trout			Bass, Catfish, Carp
56	Woodward Reservoir	2007	Common Carp			Trout, Catfish
			Largemouth Bass		na	
57	Yosemite Lake	2007	Common Carp			Trout, Catfish
			Largemouth Bass		na	
58	Zayak/Swan Lake	2007	Largemouth Bass			Trout, Catfish, Carp