

**Table 1**  
**Toxic Substances Monitoring Program**  
Preliminary Summary of 1999 Data: Trace Elements in Fish and Clams (ppm, wet weight)

Station Number	Station Name	Species Code	Tissue	Sample Date	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc
111.63.##	Lk Pillsbury/Horsepasture Gulch	LMB	F	06/15/99	NA	NA	NA	NA	NA	1.370	NA	NA	NA	NA
111.63.##	Lk Pillsbury/Horsepasture Gulch	LMB	F	06/15/99	0.063	<0.0020	NA	NA	NA	1.160	0.0150	0.359	NA	NA
111.63.##	Lk Pillsbury/Horsepasture Gulch	LMB	F	06/15/99	NA	NA	NA	NA	NA	1.180	NA	NA	NA	NA
111.63.##	Lk Pillsbury/Horsepasture Gulch	LMB	F	06/15/99	NA	NA	NA	NA	NA	1.460	NA	NA	NA	NA
111.63.##	Lk Pillsbury/Horsepasture Gulch	LMB	L	06/15/99	NA	NA	0.090	21.6000	0.0170	NA	NA	NA	0.0450	29.70
111.63.#A	Lake Pillsbury/Dam	RBT	F	05/16/00	0.217	<0.0020	NA	NA	NA	0.048	0.0130	0.273	NA	NA
111.63.#A	Lake Pillsbury/Dam	RBT	L	05/16/00	NA	NA	0.215	43.5000	0.0030	NA	NA	NA	0.0310	18.30
111.63.13	Lake Pillsbury/Eel River Arm	LMB	F	05/15/99	NA	NA	NA	NA	NA	1.360	NA	NA	NA	NA
111.63.13	Lake Pillsbury/Eel River Arm	BG	F	06/15/99	NA	NA	NA	NA	NA	0.847	NA	NA	NA	NA
111.63.13	Lake Pillsbury/Eel River Arm	LMB	F	06/15/99	NA	NA	NA	NA	NA	1.600	NA	NA	NA	NA
111.63.13	Lake Pillsbury/Eel River Arm	LMB	F	06/15/99	NA	NA	NA	NA	NA	1.530	NA	NA	NA	NA
111.63.13	Lake Pillsbury/Eel River Arm	LMB	F	06/15/99	0.041	<0.0020	NA	NA	NA	1.550	0.0150	0.339	NA	NA
111.63.13	Lake Pillsbury/Eel River Arm	LMB	F	06/15/99	NA	NA	NA	NA	NA	1.370	NA	NA	NA	NA
111.63.13	Lake Pillsbury/Eel River Arm	LMB	F	06/15/99	NA	NA	NA	NA	NA	1.480	NA	NA	NA	NA
111.63.13	Lake Pillsbury/Eel River Arm	LMB	L	06/15/99	NA	NA	0.063	5.2900	0.0290	NA	NA	NA	0.0280	18.80
111.63.14	Lake Pillsbury	LMB	F	06/15/99	NA	NA	NA	NA	NA	1.480	NA	NA	NA	NA
111.63.14	Lake Pillsbury	LMB	F	06/15/99	NA	NA	NA	NA	NA	1.650	NA	NA	NA	NA
111.63.14	Lake Pillsbury	LMB	F	06/15/99	0.065	<0.0020	NA	NA	NA	1.830	0.0370	0.369	NA	NA
111.63.14	Lake Pillsbury	LMB	F	06/15/99	NA	NA	NA	NA	NA	1.430	NA	NA	NA	NA
111.63.14	Lake Pillsbury	LMB	F	06/15/99	NA	NA	NA	NA	NA	2.730	NA	NA	NA	NA
111.63.14	Lake Pillsbury	LMB	L	06/15/99	NA	NA	0.102	29.9000	0.0070	NA	NA	NA	0.0500	31.30
111.63.14	Lake Pillsbury	SPM	F	06/15/99	NA	NA	NA	NA	NA	2.370	NA	NA	NA	NA
111.63.14	Lake Pillsbury	RBT	F	06/15/00	0.138	<0.0020	NA	NA	NA	0.207	0.0160	0.345	NA	NA
111.63.14	Lake Pillsbury	RBT	F	06/15/00	0.043	<0.0020	NA	NA	NA	0.327	0.0190	0.301	NA	NA
111.63.14	Lake Pillsbury	RBT	L	06/15/00	NA	NA	0.189	68.2000	0.0060	NA	NA	NA	0.2690	25.10
111.63.14	Lake Pillsbury	RBT	L	06/15/00	NA	NA	0.112	24.5000	<0.0020	NA	NA	NA	0.0960	8.40
114.21.10	Laguna de Santa Rosa/Stony Pt	GSF	F	11/05/99	0.041	<0.0020	NA	NA	NA	0.357	0.0190	0.234	NA	NA
114.21.10	Laguna de Santa Rosa/Stony Pt	GSF	L	11/05/99	NA	NA	0.122	1.6200	<0.0020	NA	NA	NA	<0.0020	15.40
114.23.00	Mark West Creek	SPM	W	11/05/99	0.047	0.0070	0.126	1.3900	0.0090	0.218	0.2150	0.282	0.0040	30.10
114.24.##	Lake Sonoma/Dry Creek Arm	LMB	F	05/17/00	0.136	<0.0020	NA	NA	NA	0.595	0.0100	0.346	NA	NA

L = Liver.      F = Filet.      W = Whole Body.      < = Below Indicated Detection Limit.      NA = Not Analyzed.  
Species codes are listed in Table 3.

**Table 1**  
**Toxic Substances Monitoring Program**  
Preliminary Summary of 1999 Data: Trace Elements in Fish and Clams (ppm, wet weight)

Station Number	Station Name	Species Code	Tissue	Sample Date	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc
114.24.##	Lake Sonoma/Dry Creek Arm	LMB	F	05/17/00	0.099	<0.0020	NA	NA	NA	0.501	0.0120	0.322	NA	NA
114.24.##	Lake Sonoma/Dry Creek Arm	LMB	F	05/17/00	0.150	<0.0020	NA	NA	NA	0.513	0.3140	0.364	NA	NA
114.24.##	Lake Sonoma/Dry Creek Arm	LMB	L	05/17/00	NA	NA	0.188	23.5000	<0.0020	NA	NA	NA	0.1580	24.20
114.24.##	Lake Sonoma/Dry Creek Arm	LMB	L	05/17/00	NA	NA	0.199	10.5000	<0.0020	NA	NA	NA	0.0240	22.30
114.24.##	Lake Sonoma/Dry Creek Arm	LMB	L	05/17/00	NA	NA	0.228	10.2000	<0.0020	NA	NA	NA	0.0480	21.10
114.24.12	Lake Sonoma	LMB	F	05/18/00	0.125	<0.0020	NA	NA	NA	0.461	0.0140	0.304	NA	NA
114.24.12	Lake Sonoma	LMB	F	05/18/00	0.171	<0.0020	NA	NA	NA	0.559	0.0070	0.389	NA	NA
114.24.12	Lake Sonoma	LMB	F	05/18/00	0.185	<0.0020	NA	NA	NA	0.840	0.0100	0.359	NA	NA
114.24.12	Lake Sonoma	LMB	L	05/18/00	NA	NA	0.161	8.6500	<0.0020	NA	NA	NA	0.0430	18.80
114.24.12	Lake Sonoma	LMB	L	05/18/00	NA	NA	0.132	30.6000	0.0140	NA	NA	NA	0.2100	30.40
114.24.12	Lake Sonoma	LMB	L	05/18/00	NA	NA	0.138	7.4500	<0.0020	NA	NA	NA	0.0230	20.80
114.32.##	Lake Mendocino/across	LMB	F	05/17/00	0.036	<0.0020	NA	NA	NA	0.651	0.0110	0.199	NA	NA
114.32.##	Lake Mendocino/across	LMB	F	05/17/00	0.068	<0.0020	NA	NA	NA	0.346	0.0120	0.250	NA	NA
114.32.##	Lake Mendocino/across	LMB	F	05/17/00	0.095	<0.0020	NA	NA	NA	0.517	0.0190	0.277	NA	NA
114.32.##	Lake Mendocino/across	LMB	L	05/17/00	NA	NA	0.097	11.4000	<0.0020	NA	NA	NA	0.0520	19.50
114.32.##	Lake Mendocino/across	LMB	L	05/17/00	NA	NA	0.120	19.7000	<0.0020	NA	NA	NA	0.0830	23.60
114.32.##	Lake Mendocino/across	LMB	L	05/17/00	NA	NA	0.085	13.5000	0.0100	NA	NA	NA	0.0450	24.20
201.12.##	Soulajule	LMB	F	05/02/00	NA	NA	NA	NA	NA	1.030	NA	NA	NA	NA
201.12.##	Soulajule	LMB	F	05/02/00	NA	NA	NA	NA	NA	0.812	NA	NA	NA	NA
201.12.##	Soulajule	LMB	F	05/02/00	NA	NA	NA	NA	NA	0.405	NA	NA	NA	NA
206.60.##	San Pablo Reservoir	BCR	F	04/17/00	NA	NA	NA	NA	NA	0.146	NA	NA	NA	NA
206.60.##	San Pablo Reservoir	BCR	F	04/17/00	NA	NA	NA	NA	NA	0.129	NA	NA	NA	NA
206.60.##	San Pablo Reservoir	BCR	F	04/17/00	NA	NA	NA	NA	NA	0.152	NA	NA	NA	NA
206.60.##	San Pablo Reservoir	CP	F	04/17/00	NA	NA	NA	NA	NA	0.197	NA	NA	NA	NA
206.60.##	San Pablo Reservoir	CP	F	04/17/00	NA	NA	NA	NA	NA	0.185	NA	NA	NA	NA
206.60.##	San Pablo Reservoir	CP	F	04/17/00	NA	NA	NA	NA	NA	0.182	NA	NA	NA	NA
206.60.##	San Pablo Reservoir	CCF	F	04/17/00	NA	NA	NA	NA	NA	0.131	NA	NA	NA	NA
206.60.##	San Pablo Reservoir	CCF	F	04/17/00	NA	NA	NA	NA	NA	0.114	NA	NA	NA	NA
206.60.##	San Pablo Reservoir	CCF	F	04/17/00	NA	NA	NA	NA	NA	0.062	NA	NA	NA	NA
3##.##.##D	Gabilan Creek	TFC	W	04/29/99	1.670	0.5600	4.330	13.3000	0.0650	<0.015	0.5160	0.592	0.0190	13.00

L = Liver. F = Filet. W = Whole Body. < = Below Indicated Detection Limit. NA = Not Analyzed.  
Species codes are listed in Table 3.

**Table 1**  
**Toxic Substances Monitoring Program**  
Preliminary Summary of 1999 Data: Trace Elements in Fish and Clams (ppm, wet weight)

Station Number	Station Name	Species Code	Tissue	Sample Date	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc
304.10.00	Waddell Creek Lagoon	STB	W	10/05/99	0.346	0.0220	0.200	2.7200	0.0120	0.053	0.3220	0.851	0.0340	34.90
305.10.##	Pajaro R/Pajaro	RCH	W	10/07/99	0.143	0.0220	0.071	1.3800	0.0030	<0.015	0.1320	0.844	0.0050	37.10
305.10.##	Pajaro R/Pajaro	RCH	W	10/07/99	0.132	0.0250	0.143	1.3700	0.0170	0.060	0.1720	0.828	0.0040	35.30
306.00.05	Elkhorn Sl/u/s Elkhorn Rd Brg	TFC	W	04/29/99	1.970	0.6060	7.120	25.5000	0.0620	0.028	0.8240	0.683	0.0360	15.60
307.00.01	Carmel Lagoon	STB	W	10/06/99	0.515	0.1780	0.150	6.5200	0.0570	0.093	0.4320	1.110	0.0560	72.20
308.00.0#	Big Sur River Lagoon	STB	W	10/06/99	0.154	0.0480	0.205	1.6500	0.0320	<0.015	0.2300	1.090	0.0040	30.40
309.10.##	Salinas Rec Canal 5	TFC	W	04/29/99	1.160	0.3290	2.430	7.9300	0.0170	<0.015	0.2420	0.331	0.0130	8.27
309.10.00	Salinas R Lagoon	STB	W	10/07/99	0.378	0.1010	0.383	2.4100	0.0450	0.058	0.4630	0.588	<0.0020	33.20
309.10.10	Alisal Sl/West Salinas	TFC	W	04/29/99	1.310	0.3230	2.550	8.7000	0.0200	<0.015	0.3760	0.461	0.0160	11.30
309.10.17	Salinas Rec Canal/Airport Rd	TFC	W	04/29/99	2.840	1.3800	9.770	29.5000	0.3370	<0.015	1.2600	0.943	0.0430	24.50
310.12.00	Arroyo de la Cruz	STB	W	10/06/99	0.094	0.0250	0.251	1.7400	0.0100	<0.015	0.2490	0.408	<0.0020	19.30
310.13.#A	Pico Creek Lagoon	PCP	W	09/22/99	0.282	0.0380	0.166	1.3700	0.0110	0.180	0.2720	0.313	0.0050	12.80
310.13.00	San Simeon Creek Lagoon	STB	W	09/22/99	0.314	0.0380	0.291	3.7600	0.0130	0.177	0.4710	0.354	0.0070	24.60
310.14.00	Santa Rosa Cr Lagoon	STB	W	09/22/99	0.188	0.0370	0.284	3.6300	0.0270	0.318	0.5140	1.860	0.0080	36.00
310.24.00	San Luis Obispo Cr Lagoon	SSP	W	09/22/99	0.351	0.0190	0.167	0.9110	0.0070	<0.015	0.2610	0.429	0.0030	19.50
310.31.00	Arroyo Grande Creek Lagoon	STB	W	09/22/99	0.249	0.0830	0.405	2.1700	0.0410	<0.015	0.2870	3.180	0.0080	33.20
312.10.00	Santa Maria R/Mouth	STB	W	09/21/99	0.196	0.0620	0.246	2.1900	0.0730	0.043	0.2420	0.770	0.0090	37.90
314.10.00	Santa Ynez River Lagoon	STF	F	09/21/99	0.097	<0.0020	NA	NA	NA	0.059	0.0110	0.474	NA	NA
314.10.00	Santa Ynez River Lagoon	STF	L	09/21/99	NA	NA	0.164	8.3500	<0.0020	NA	NA	NA	0.0110	26.30
315.34.00	Carpinteria Marsh	CKF	W	09/21/99	0.525	0.0070	0.389	1.4300	0.1240	<0.015	0.3960	0.457	0.0270	24.90
402.10.05	Ventura R/d/s OVSD Discharge	AC	F	08/13/99	0.129	0.0210	0.190	2.4000	0.0150	0.077	0.1180	3.110	0.0180	42.90
402.10.06	Ventura R/u/s OVSD Discharge	AC	W	08/13/99	0.124	0.0740	0.111	1.8900	0.0120	0.094	0.1360	2.680	0.0050	40.90
403.11.00	Santa Clara River Estuary	AC	W	08/13/99	0.126	0.0310	0.185	1.2200	0.0110	0.041	0.1500	1.510	0.0140	36.60
403.12.06	Calleguas Creek	BB	F	08/11/99	<0.020	<0.0020	NA	NA	NA	0.059	0.0120	0.258	NA	NA
403.12.06	Calleguas Creek	BB	L	08/11/99	NA	NA	0.161	14.1000	0.0340	NA	NA	NA	0.1390	22.70
403.64.03	Arroyo Conejo/d/s Forks	BB	F	08/11/99	0.033	<0.0020	NA	NA	NA	0.061	0.0110	0.311	NA	NA
403.64.03	Arroyo Conejo/d/s Forks	BB	L	08/11/99	NA	NA	0.179	18.3000	0.0040	NA	NA	NA	0.4040	21.50
403.67.08	Arroyo Simi/Madera Rd	AC	W	08/12/99	0.226	0.0410	0.070	1.4100	0.0320	0.045	0.1300	3.420	<0.0020	35.90
404.21.04	Malibu Cr/Tapia Park	AC	W	09/10/99	0.260	0.1200	0.356	1.6400	0.0190	0.031	0.1750	1.320	0.0190	33.50
404.21.05	Malibu Cr/u/s Tapia Discharge	LMB	W	09/10/99	0.089	0.0520	0.293	0.4650	<0.0020	0.035	0.1760	1.100	<0.0020	19.40

L = Liver.      F = Filet.      W = Whole Body.      < = Below Indicated Detection Limit.      NA = Not Analyzed.  
Species codes are listed in Table 3.

**Table 1**  
**Toxic Substances Monitoring Program**  
Preliminary Summary of 1999 Data: Trace Elements in Fish and Clams (ppm, wet weight)

Station Number	Station Name	Species Code	Tissue	Sample Date	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc
404.21.07	Malibou Lake	LMB	F	08/12/99	0.103	<0.0020	NA	NA	NA	0.246	0.0090	1.280	NA	NA
404.21.07	Malibou Lake	LMB	L	08/12/99	NA	NA	0.065	9.1100	0.0090	NA	NA	NA	0.0070	19.30
404.25.01	Westlake Lake	LMB	F	08/12/99	0.084	0.0010	NA	NA	NA	0.177	0.0090	2.020	NA	NA
404.25.01	Westlake Lake	LMB	L	08/12/99	NA	NA	0.104	149.0000	0.0130	NA	NA	NA	0.0290	45.00
405.12.03	Los Angeles River	TL	W	09/09/99	0.493	0.0080	0.302	1.2100	0.1340	<0.015	0.4720	0.365	0.0160	25.50
405.15.04	San Gabriel River	TL	F	09/09/99	0.290	<0.0020	NA	NA	NA	<0.015	0.0230	0.397	NA	NA
405.15.04	San Gabriel River	TL	L	09/09/99	NA	NA	0.086	30.3000	0.0770	NA	NA	NA	1.6600	21.40
405.21.06	Los Angeles R/Los Feliz Rd	GAM	W	09/09/99	0.054	0.0070	0.126	1.2700	0.0120	<0.015	0.1110	0.721	0.0420	33.10
405.52.01	Puddingstone Res	LMB	F	08/10/99	0.211	<0.0020	NA	NA	NA	0.371	0.0220	0.301	NA	NA
405.52.01	Puddingstone Res	LMB	L	08/10/99	NA	NA	0.068	20.2000	<0.0020	NA	NA	NA	0.0200	28.30
508.10.42	Sacramento R/Keswick	RBT	F	12/22/99	0.060	<0.0020	NA	NA	NA	0.045	0.0230	0.306	NA	NA
508.10.42	Sacramento R/Keswick	RBT	L	12/22/99	NA	NA	0.222	176.0000	0.0180	NA	NA	NA	0.2170	21.80
511.10.08	Putah Creek/South Fork	LMB	F	09/30/99	NA	NA	NA	NA	NA	0.478	NA	NA	NA	NA
511.10.08	Putah Creek/South Fork	SKR	F	09/30/99	NA	NA	NA	NA	NA	0.185	NA	NA	NA	NA
531.11.03	Cosumnes R/Cosumnes R Preserve	LMB	F	10/20/99	NA	NA	NA	NA	NA	1.260	NA	NA	NA	NA
531.30.02	Smith Canal/Yosemite Park	LMB	F	09/22/99	NA	NA	NA	NA	NA	0.334	NA	0.430	NA	NA
531.30.91	Stockton Deep Water Ch	LMB	F	09/22/99	NA	NA	NA	NA	NA	0.493	NA	0.440	NA	NA
541.10.90	San Joaquin R/Vernalis	LMB	F	11/01/99	NA	NA	NA	NA	NA	0.763	NA	0.610	NA	NA
541.10.94	San Joaquin R/Pear Slough	LMB	F	10/25/99	NA	NA	NA	NA	NA	0.784	NA	0.660	NA	NA
541.20.94	San Joaquin R/Landers Avenue	LMB	F	10/18/99	NA	NA	NA	NA	NA	0.671	NA	0.830	NA	NA
544.00.01	San Joaquin R/Potato Slough	LMB	F	09/21/99	NA	NA	NA	NA	NA	0.323	NA	0.380	NA	NA
544.00.02	Mokelumne R/d/s Cosumnes River	LMB	F	09/20/99	NA	NA	NA	NA	NA	0.948	NA	NA	NA	NA
544.00.06	Mokelumne R/d/s Beaver Slough	LMB	F	11/03/99	NA	NA	NA	NA	NA	0.532	NA	NA	NA	NA
544.00.09	White Slough/Lodi	LMB	F	09/21/99	NA	NA	NA	NA	NA	0.335	NA	0.210	NA	NA
544.00.10	San Joaquin R/Turner Cut	LMB	F	09/23/99	NA	NA	NA	NA	NA	0.373	NA	0.360	NA	NA
544.00.12	Middle River/Bullfrog	LMB	F	10/13/99	NA	NA	NA	NA	NA	0.227	NA	0.490	NA	NA
544.00.18	San Joaquin R/HWY 4	LMB	F	09/23/99	NA	NA	NA	NA	NA	0.772	NA	0.460	NA	NA
544.00.32	Paradise Cut/Tracy	LMB	F	10/17/99	NA	NA	NA	NA	NA	0.680	NA	0.530	NA	NA
544.00.93	San Joaquin R/d/s Bowman Rd	LMB	F	09/22/99	NA	NA	NA	NA	NA	0.960	NA	0.430	NA	NA
551.20.00	Mendota Pool	LMB	F	05/27/00	NA	NA	NA	NA	NA	0.206	NA	0.761	NA	NA

L = Liver.      F = Filet.      W = Whole Body.      < = Below Indicated Detection Limit.      NA = Not Analyzed.  
 Species codes are listed in Table 3.

**Table 1**  
**Toxic Substances Monitoring Program**  
Preliminary Summary of 1999 Data: Trace Elements in Fish and Clams (ppm, wet weight)

Station Number	Station Name	Species Code	Tissue	Sample Date	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc
630.10.07	East Walker R/Bridgeport	BN	F	10/20/99	0.065	<0.0020	NA	NA	NA	0.060	0.0150	0.225	NA	NA
630.10.07	East Walker R/Bridgeport	BN	L	10/20/99	NA	NA	0.099	116.0000	0.0290	NA	NA	NA	0.7870	21.30
630.30.##	East Walker R/u/s Bridgeport Res	BN	F	10/18/99	0.036	<0.0020	NA	NA	NA	0.039	0.0090	0.336	NA	NA
630.30.##	East Walker R/u/s Bridgeport Res	BN	L	10/18/99	NA	NA	0.094	67.3000	<0.0020	NA	NA	NA	0.4860	23.40
630.30.#A	Buckeye Cr/u/s/Bridgeport Res	RBT	F	10/18/99	0.093	<0.0020	NA	NA	NA	0.031	0.0120	0.469	NA	NA
630.30.#A	Buckeye Cr/u/s/Bridgeport Res	RBT	L	10/18/99	NA	NA	0.128	25.2000	<0.0020	NA	NA	NA	0.0980	18.20
630.30.#B	Robinson Cr/u/s Bridgeport Res	BN	F	10/18/99	0.150	<0.0020	NA	NA	NA	0.038	0.0100	0.683	NA	NA
630.30.#B	Robinson Cr/u/s Bridgeport Res	BN	L	10/18/99	NA	NA	0.154	58.4000	0.0050	NA	NA	NA	0.4900	23.30
634.10.00	Upper Truckee R/d/s HWY 50	RBT	F	09/16/99	<0.020	<0.0020	NA	NA	NA	0.053	0.0120	0.104	NA	NA
634.10.00	Upper Truckee R/d/s HWY 50	RBT	L	09/16/99	NA	NA	0.175	14.5000	0.0040	NA	NA	NA	0.1770	23.30
637.20.##	Gold Run Creek	RBT	F	10/21/99	0.039	<0.0020	NA	NA	NA	0.146	0.0180	0.112	NA	NA
637.20.##	Gold Run Creek	RBT	L	10/21/99	NA	NA	0.114	13.3000	<0.0020	NA	NA	NA	0.1200	27.40
637.20.25	Susan R/d/s Piute Creek	BK	F	10/22/99	<0.023	<0.0020	NA	NA	NA	1.540	0.0340	0.116	NA	NA
637.20.25	Susan R/d/s Piute Creek	BK	L	10/22/99	NA	NA	0.159	36.5000	<0.0020	NA	NA	NA	0.1510	28.30
637.20.31	Susan R/u/s Susanville	RBT	F	10/22/99	<0.023	<0.0020	NA	NA	NA	2.090	0.0170	0.103	NA	NA
637.20.31	Susan R/u/s Susanville	RBT	L	10/22/99	NA	NA	0.156	61.4000	<0.0020	NA	NA	NA	0.3690	22.30
715.40.08	Palo Verde Outfall Drain	LMB	F	12/07/99	0.049	NA	NA	NA	NA	NA	NA	0.500	NA	NA
715.50.90	Colorado R/u/s Imperial Dam	LMB	F	12/07/99	0.130	NA	NA	NA	NA	0.058	NA	2.450	NA	NA
719.47.00	Coachella Valley Stormwater Ch	TL	W	12/08/99	0.251	NA	NA	NA	NA	NA	NA	0.915	NA	NA
723.10.02	New R/Westmorland	CP	F	12/09/99	0.118	NA	NA	NA	NA	NA	NA	1.460	NA	NA
723.10.12	Wiest Lake	LMB	F	12/06/99	0.081	NA	NA	NA	NA	<0.015	NA	1.350	NA	NA
723.10.21	Holtville Main Drain	CCF	F	12/05/99	<0.020	NA	NA	NA	NA	NA	NA	0.529	NA	NA
723.10.30	Central Drain	CP	F	12/05/99	0.114	NA	NA	NA	NA	NA	NA	2.110	NA	NA
723.10.31	South Central Drain	CCF	F	12/05/99	0.050	NA	NA	NA	NA	NA	NA	1.020	NA	NA
728.00.90	Salton Sea/South	ORC	F	12/06/99	0.642	NA	NA	NA	NA	NA	NA	1.820	NA	NA
801.11.05	Delhi Channel	GAM	W	08/05/99	0.395	0.0060	0.068	3.0900	0.0350	<0.015	0.1360	1.540	0.0070	19.10
801.11.07	San Diego Cr/Michelson Dr	PRS	W	08/05/99	0.159	0.0250	0.056	1.1900	0.0420	0.047	0.1250	2.400	<0.0020	35.60
801.11.07	San Diego Cr/Michelson Dr	PRS	W	08/05/99	0.136	0.0330	0.093	1.2100	0.0810	0.052	0.1300	2.420	0.0030	38.30
801.11.09	San Diego Cr/Barranca Pkwy	PRS	W	08/05/99	0.157	0.0940	0.052	1.1900	0.0270	0.066	0.1460	1.630	0.0040	43.50
801.11.89	Lower Newport Bay/Rhine Ch	YFC	F	08/10/99	0.731	<0.0020	NA	NA	NA	0.105	0.0130	0.400	NA	NA

L = Liver. F = Filet. W = Whole Body. < = Below Indicated Detection Limit. NA = Not Analyzed.  
 Species codes are listed in Table 3.

**Table 1**  
**Toxic Substances Monitoring Program**  
Preliminary Summary of 1999 Data: Trace Elements in Fish and Clams (ppm, wet weight)

Station Number	Station Name	Species Code	Tissue	Sample Date	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc
801.11.89	Lower Newport Bay/Rhine Ch	YFC	L	08/10/99	NA	NA	0.089	5.3300	0.1290	NA	NA	NA	0.0060	23.90
801.11.96	Peters Canyon Channel	PRS	W	08/05/99	0.179	0.0350	0.121	1.2300	0.0300	0.048	0.1370	4.110	<0.0020	45.80
801.11.96	Peters Canyon Channel	PRS	W	08/05/99	0.190	0.0360	0.171	1.2900	0.0380	0.040	0.1390	4.240	0.0030	44.70
801.11.99	Upper Newport Bay/Newport Dunes	ORC	F	08/04/99	1.300	<0.0020	NA	NA	NA	0.050	0.0170	0.760	NA	NA
801.11.99	Upper Newport Bay/Newport Dunes	ORC	L	08/04/99	NA	NA	0.088	6.2600	0.0080	NA	NA	NA	<0.0020	18.40
901.12.##	Aliso Cr/Pacific Park Dr	PRS	W	08/27/99	0.245	0.2240	0.110	1.3000	0.0710	<0.015	0.1950	1.610	<0.0020	32.50
902.11.01	Santa Margarita R/Stuart Mesa Rd	CKF	W	08/25/99	0.221	0.0050	0.050	1.1200	0.0320	<0.015	0.1900	0.248	0.0270	28.30
902.22.03	Rainbow Creek	GSF	F	08/26/99	0.031	<0.0020	NA	NA	NA	0.051	0.0080	0.388	NA	NA
902.22.03	Rainbow Creek	GSF	L	08/26/99	NA	NA	0.067	2.4500	0.0100	NA	NA	NA	<0.0020	16.70
902.32.##	Murrietta Cr/u/s Temecula Cr	BLB	F	08/26/99	0.036	<0.0020	NA	NA	NA	0.059	0.0370	0.287	NA	NA
902.32.##	Murrietta Cr/u/s Temecula Cr	BLB	L	08/26/99	NA	NA	0.100	9.2500	0.0070	NA	NA	NA	0.0290	19.20
904.10.##	Loma Alta Cr/College Blvd	GAM	W	08/26/99	0.217	0.0220	0.236	3.6900	0.0770	0.061	0.1990	0.371	0.0340	37.70
904.21.02	Buena Vista Lagoon	LMB	F	08/25/99	0.072	<0.0020	NA	NA	NA	0.054	0.0100	0.392	NA	NA
904.21.02	Buena Vista Lagoon	LMB	L	08/25/99	NA	NA	0.122	3.8300	0.0210	NA	NA	NA	0.0060	21.90
904.31.##	Agua Hedionda Cr/El Camino Real	GAM	W	08/24/99	0.386	0.0250	0.220	1.3400	0.0380	<0.015	0.1520	0.461	0.0050	25.90
904.51.03	San Marcos Cr	LMB	F	08/24/99	0.045	<0.0020	NA	NA	NA	0.046	0.0230	0.335	NA	NA
904.51.03	San Marcos Cr	LMB	L	08/24/99	NA	NA	0.193	3.0800	<0.0020	NA	NA	NA	<0.0020	16.00
904.61.07	Escondido Cr/Elfin Forest Park	GSF	F	08/24/99	0.064	0.0010	NA	NA	NA	0.050	0.3410	0.496	NA	NA
904.61.07	Escondido Cr/Elfin Forest Park	GSF	L	08/24/99	NA	NA	0.070	2.4400	0.0100	NA	NA	NA	0.0050	17.30
907.11.03	San Diego R/u/s Taylor St	LMB	F	08/23/99	0.096	<0.0020	NA	NA	NA	0.035	0.0150	0.854	NA	NA
907.11.03	San Diego R/u/s Taylor St	LMB	L	08/23/99	NA	NA	0.112	5.9400	0.0130	NA	NA	NA	0.0130	23.10

L = Liver.      F = Filet.      W = Whole Body.      < = Below Indicated Detection Limit.      NA = Not Analyzed.

Species codes are listed in Table 3.

**TABLE 2**  
**Toxic Substances Monitoring Program**  
**Preliminary Summary of 1999 Data: Organic Chemicals in Fish and Clams (ppb, wet weight)**

Station Number	Station Name	Species Code	Tissue Type	Sample Date	Aldrin	alpha-Chlor-dene	cis-Chlor-dane	gamma-Chlor-dene	trans-Chlor-dane	cis-Nona-chlor	trans-Nona-chlor	Oxy-chlor-dane	Total Chlor-dane	Chlor-pyrifos	Dacthal
111.63.##	Lk Pillsbury/Horsepasture Gulch	LMB	F	06/15/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	<1.0	<1.0	ND	<2.0	<2.0
111.63.13	Lake Pillsbury/Eel River Arm	LMB	F	06/15/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	<1.0	<1.0	ND	<2.0	<2.0
111.63.14	Lake Pillsbury	LMB	F	06/15/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	<1.0	<1.0	ND	<2.0	<2.0
114.21.10	Laguna de Santa Rosa/Stony Pt	GSF	F	11/05/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	1.1	<1.0	1.1	<2.0	<2.0
114.23.00	Mark West Creek	SPM	W	11/05/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	3.0	<1.0	3.0	<2.0	<2.0
206.60.##	San Pablo Reservoir	CP	F	04/17/00	<1.0	1.6	32.8	2.3	15.1	14.8	34.0	4.3	105.0	<2.0	3.0
206.60.##	San Pablo Reservoir	BCR	F	04/17/00	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	1.8	<1.0	1.8	<2.0	<2.0
206.60.##	San Pablo Reservoir	BCR	F	04/17/00	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	1.6	<1.0	1.6	<2.0	<2.0
206.60.##	San Pablo Reservoir	BCR	F	04/17/00	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	1.7	<1.0	1.7	<2.0	<2.0
206.60.##	San Pablo Reservoir	CP	F	04/17/00	1.1	1.3	33.7	2.0	14.6	16.1	31.4	4.9	104.1	<2.0	<2.0

  

Station Number	Dieldrin	o,p' DDD	p,p' DDD	o,p' DDE	p,p' DDE	o,p' DDT	p,p' DDT	p,p' DDMU	p,p' DDMS	Total DDT	Dicofol	Diazinon	Endo-sulfan I	Endo-sulfan II	Endo-sulfan Sulfate	Total Endo-sulfan	Endrin	Ethion
111.63.##	<2.0	<2.0	<2.0	<2.0	<2.0	<3.0	<5.0	<3.0	NA	ND	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
111.63.13	<2.0	<2.0	<2.0	<2.0	<2.0	<3.0	<5.0	<3.0	NA	ND	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
111.63.14	<2.0	<2.0	<2.0	<2.0	<2.0	<3.0	<5.0	<3.0	NA	ND	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
114.21.10	<2.0	<2.0	<2.0	<2.0	<2.0	<3.0	<5.0	<3.0	NA	ND	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
114.23.00	<2.0	<2.0	2.2	<2.0	18.1	<3.0	<5.0	<3.0	NA	20.3	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
206.60.##	111.0	<2.0	15.4	<2.0	70.8	<3.0	<5.0	3.3	NA	89.5	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
206.60.##	5.3	<2.0	<2.0	<2.0	3.6	<3.0	<5.0	<3.0	NA	3.6	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
206.60.##	5.3	<2.0	<2.0	<2.0	3.0	<3.0	<5.0	<3.0	NA	3.0	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
206.60.##	5.2	<2.0	<2.0	<2.0	3.5	<3.0	<5.0	<3.0	NA	3.5	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
206.60.##	95.2	2.1	16.3	<2.0	68.5	<3.0	<5.0	3.3	NA	90.2	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0

  

Station Number	alpha-HCH	beta-HCH	delta-HCH	gamma-HCH (Lindane)	Total HCH	Hepta-chlor	Hepta-chlor-epoxide	Hexa-chloro-benzene	Methoxy-chlor	Oxa-diazon	Ethyl Parathion	Methyl Parathion	PCB 1248	PCB 1254	PCB 1260	Total PCB	Toxaphene	Chemical Group A
111.63.##	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	<5.0	<3.0	<2.0	<4.0	<25.0	<10.0	<10.0	ND	<20.0	ND
111.63.13	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	<5.0	<3.0	<2.0	<4.0	<25.0	<10.0	<10.0	ND	<20.0	ND
111.63.14	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	<5.0	<3.0	<2.0	<4.0	<25.0	<10.0	<10.0	ND	<20.0	ND
114.21.10	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	<5.0	<3.0	<2.0	<4.0	<25.0	<10.0	<10.0	ND	<20.0	1.1
114.23.00	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	0.4	<5.0	4.0	<2.0	<4.0	<25.0	22.0	<10.0	22.0	<20.0	3.0
206.60.##	<1.0	<2.0	<2.0	<1.0	ND	<2.0	4.1	1.1	<5.0	87.4	<2.0	<4.0	<25.0	90.0	37.0	127.0	33.5	253.6
206.60.##	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	<5.0	<3.0	<2.0	<4.0	<25.0	<10.0	<10.0	ND	<20.0	7.1
206.60.##	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	<5.0	<3.0	<2.0	<4.0	<25.0	<10.0	<10.0	ND	<20.0	6.9
206.60.##	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	<5.0	<3.0	<2.0	<4.0	<25.0	<10.0	<10.0	ND	<20.0	6.9
206.60.##	<1.0	<2.0	<2.0	<1.0	ND	<2.0	4.1	0.9	<5.0	73.4	<2.0	<4.0	<25.0	80.0	41.0	121.0	34.5	239.0

NA Means that the sample was not analyzed for the chemical.

ND Means that the chemical was not detected.

&lt; Means that the chemical was not detected above the indicated limit of detection.

F = Filet.

W = Whole Body.

Species codes are listed in Table 3.

**TABLE 2**  
**Toxic Substances Monitoring Program**  
**Preliminary Summary of 1999 Data: Organic Chemicals in Fish and Clams (ppb, wet weight)**

Station Number	Station Name	Species Code	Tissue Type	Sample Date	Aldrin	alpha-Chlor-dene	cis-Chlor-dane	gamma-Chlor-dene	trans-Chlor-dane	cis-Nona-chlor	trans-Nona-chlor	Oxy-chlor-dane	Total Chlor-dane	Chlor-pyrifos	Dacthal
206.60.##	San Pablo Reservoir	CP	F	04/17/00	1.1	1.4	27.5	2.0	13.0	12.1	27.5	3.9	87.4	<2.0	<2.0
206.60.##	San Pablo Reservoir	CCF	F	04/17/00	<1.0	<1.0	9.9	1.0	4.1	3.7	11.4	1.4	31.6	<2.0	<2.0
206.60.##	San Pablo Reservoir	CCF	F	04/17/00	1.7	2.3	51.2	3.1	23.6	23.0	45.4	4.8	153.4	<2.0	<2.0
206.60.##	San Pablo Reservoir	CCF	F	04/17/00	1.2	1.3	28.2	1.9	12.6	12.0	26.2	3.1	85.3	<2.0	2.3
3##.##.#D	Gabilan Creek	TFC	W	04/29/99	<1.0	<1.0	2.1	<1.0	<2.0	<2.0	2.8	<1.0	5.0	4.0	4.8
304.10.00	Waddell Creek Lagoon	STB	W	10/05/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	<1.0	<1.0	ND	<2.0	<2.0
305.10.##	Pajaro R/Pajaro	RCH	W	10/07/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	2.4	1.2	3.6	<2.0	3.1
305.10.##	Pajaro R/Pajaro	RCH	W	10/07/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	2.5	1.2	3.7	<2.0	2.9
306.00.05	Elkhorn Sl/u/s Elkhorn Rd Brg	TFC	W	04/29/99	<1.0	<1.0	6.4	<1.0	4.6	2.1	6.3	<1.0	19.5	3.8	11.4
307.00.01	Carmel Lagoon	STB	W	10/06/99	<1.0	<1.0	3.1	<1.0	<2.0	<2.0	6.8	<1.0	9.9	<2.0	<2.0

  

Station Number	Dieldrin	o,p' DDD	p,p' DDD	o,p' DDE	p,p' DDE	o,p' DDT	p,p' DDT	p,p' DDMU	p,p' DDMS	Total DDT	Dicofol	Diazinon	Endo-sulfan I	Endo-sulfan II	Endo-sulfan Sulfate	Total Endo-sulfan	Endrin	Ethion
206.60.##	62.7	2.1	14.8	<2.0	58.9	<3.0	<5.0	3.0	NA	78.8	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
206.60.##	63.1	<2.0	5.1	<2.0	22.4	<3.0	<5.0	<3.0	NA	27.5	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
206.60.##	110.0	2.3	17.7	<2.0	93.8	<3.0	12.0	3.9	NA	129.6	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
206.60.##	120.0	<2.0	10.4	<2.0	55.5	<3.0	6.1	<3.0	NA	72.0	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
3##.##.#D	11.9	2.6	4.7	2.5	88.3	8.1	27.2	<3.0	NA	133.4	NA	30.5	<2.0	NA	NA	ND	<2.0	<6.0
304.10.00	<2.0	<2.0	<2.0	<2.0	8.5	<3.0	<5.0	<3.0	NA	8.5	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
305.10.##	15.0	3.3	14.7	<2.0	97.4	<3.0	<5.0	7.2	NA	122.6	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
305.10.##	15.2	3.4	14.8	<2.0	100.0	<3.0	<5.0	7.3	NA	125.6	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
306.00.05	45.9	11.8	27.1	2.9	123.0	4.1	17.9	4.1	NA	190.9	NA	<20.0	5.8	<10.0	18.7	24.5	5.3	<6.0
307.00.01	2.0	<2.0	<2.0	<2.0	37.4	<3.0	<5.0	<3.0	NA	37.4	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0

  

Station Number	alpha-HCH	beta-HCH	delta-HCH	gamma-HCH (Lindane)	Total HCH	Hepta-chlor	Hepta-chlor-epoxide	Hexa-chloro-benzene	Methoxy-chlor	Oxa-diazon	Ethyl Para-thion	Methyl Para-thion	PCB 1248	PCB 1254	PCB 1260	Total PCB	Toxaphene	Chemical Group A
206.60.##	<1.0	<2.0	<2.0	<1.0	ND	<2.0	2.7	0.8	<5.0	50.3	<2.0	<4.0	<25.0	67.0	38.0	105.0	21.0	174.9
206.60.##	<1.0	<2.0	<2.0	<1.0	ND	<2.0	2.2	0.5	<5.0	42.5	<2.0	<4.0	<25.0	28.0	15.0	43.0	<20.0	96.9
206.60.##	<1.0	<2.0	<2.0	<1.0	ND	<2.0	4.4	1.1	<5.0	69.0	<2.0	<4.0	<25.0	158.0	40.0	198.0	61.1	330.5
206.60.##	<1.0	<2.0	<2.0	<1.0	ND	<2.0	4.1	0.8	<5.0	92.3	<2.0	<4.0	<25.0	81.0	29.0	110.0	40.4	251.0
3##.##.#D	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	<5.0	<3.0	<2.0	<4.0	<25.0	15.3	<10.0	15.3	74.8	91.7
304.10.00	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	<5.0	<3.0	<2.0	<4.0	<25.0	<10.0	<10.0	ND	<20.0	ND
305.10.##	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	0.4	<5.0	<3.0	3.0	<4.0	25.0	<10.0	<10.0	25.0	61.2	79.8
305.10.##	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	0.4	<5.0	4.9	4.7	<4.0	<25.0	<10.0	<10.0	ND	61.2	80.1
306.00.05	<1.0	<2.0	<2.0	<1.0	ND	<2.0	6.5	0.4	<5.0	27.1	<2.0	<4.0	<25.0	32.9	<10.0	32.9	204.0	305.6
307.00.01	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	<5.0	<3.0	<2.0	<4.0	<25.0	48.0	<10.0	48.0	<20.0	11.9

NA Means that the sample was not analyzed for the chemical.

ND Means that the chemical was not detected.

&lt; Means that the chemical was not detected above the indicated limit of detection.

F = Filet.

W = Whole Body.

Species codes are listed in Table 3.



**TABLE 2**  
**Toxic Substances Monitoring Program**  
**Preliminary Summary of 1999 Data: Organic Chemicals in Fish and Clams (ppb, wet weight)**

Station Number	Station Name	Species Code	Tissue Type	Sample Date	Aldrin	alpha-Chlor-dene	cis-Chlor-dane	gamma-Chlor-dene	trans-Chlor-dane	cis-Nona-chlor	trans-Nona-chlor	Oxy-chlor-dane	Total Chlor-dane	Chlor-pyrifos	Dacthal
308.00.0#	Big Sur River Lagoon	STB	W	10/06/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	<1.0	<1.0	ND	<2.0	<2.0
309.10.##	Salinas Rec Canal 5	TFC	W	04/29/99	<1.0	<1.0	10.4	<1.0	7.0	5.2	10.5	<1.0	33.1	304.0	540.0
309.10.00	Salinas R Lagoon	STB	W	10/07/99	<1.0	<1.0	4.3	<1.0	<2.0	3.2	7.1	2.7	17.2	<2.0	11.6
309.10.10	Alisal Sl/West Salinas	TFC	W	04/29/99	3.8	1.2	21.5	<1.0	12.6	3.4	10.2	2.3	51.2	18.7	38.1
309.10.17	Salinas Rec Canal/Airport Rd	TFC	W	04/29/99	<1.0	<1.0	2.8	<1.0	2.1	<2.0	2.9	<1.0	7.8	345.0	2901.0
310.12.00	Arroyo de la Cruz	STB	W	10/06/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	<1.0	<1.0	ND	<2.0	<2.0
310.13.#A	Pico Creek Lagoon	PCP	W	09/22/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	1.6	<1.0	1.6	<2.0	<2.0
310.13.00	San Simeon Creek Lagoon	STB	W	09/22/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	<1.0	<1.0	ND	<2.0	<2.0
310.14.00	Santa Rosa Cr Lagoon	STB	W	09/22/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	1.3	<1.0	1.3	<2.0	<2.0
310.24.00	San Luis Obispo Cr Lagoon	SSP	W	09/22/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	2.0	<1.0	2.0	<2.0	<2.0

  

Station Number	Dieldrin	o,p' DDD	p,p' DDD	o,p' DDE	p,p' DDE	o,p' DDT	p,p' DDT	p,p' DDMU	p,p' DDMS	Total DDT	Dicofol	Diazinon	Endo-sulfan I	Endo-sulfan II	Endo-sulfan Sulfate	Total Endo-sulfan	Endrin	Ethion
308.00.0#	<2.0	<2.0	<2.0	<2.0	<2.0	<3.0	<5.0	<3.0	NA	ND	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
309.10.##	91.6	18.6	44.8	7.5	261.0	41.2	168.0	6.6	NA	547.6	NA	<20.0	3.8	<10.0	19.7	23.5	6.1	<6.0
309.10.00	57.6	12.8	42.5	2.9	311.0	8.4	48.4	18.6	NA	444.6	NA	<20.0	<2.0	NA	NA	ND	2.7	<6.0
309.10.10	195.0	96.5	194.0	10.9	517.0	9.4	28.2	32.4	NA	888.4	NA	<20.0	<2.0	<10.0	<10.0	ND	11.0	<6.0
309.10.17	70.8	20.3	57.2	2.3	94.0	<3.0	6.6	5.9	NA	186.3	NA	286.0	20.6	<10.0	19.2	39.8	8.3	<6.0
310.12.00	<2.0	<2.0	<2.0	<2.0	<2.0	<3.0	<5.0	<3.0	NA	ND	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
310.13.#A	<2.0	<2.0	<2.0	<2.0	<2.0	<3.0	<5.0	<3.0	NA	ND	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
310.13.00	<2.0	<2.0	<2.0	<2.0	8.1	<3.0	<5.0	<3.0	NA	8.1	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
310.14.00	<2.0	<2.0	<2.0	<2.0	4.7	<3.0	<5.0	<3.0	NA	4.7	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
310.24.00	<2.0	<2.0	<2.0	<2.0	18.0	<3.0	<5.0	<3.0	NA	18.0	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0

  

Station Number	alpha-HCH	beta-HCH	delta-HCH	gamma-HCH (Lindane)	Total HCH	Hepta-chlor	Hepta-chlor-epoxide	Hexa-chloro-benzene	Methoxy-chlor	Oxa-diazon	Ethyl Para-thion	Methyl Para-thion	PCB 1248	PCB 1254	PCB 1260	Total PCB	Toxaphene	Chemical Group A
308.00.0#	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	<5.0	<3.0	<2.0	<4.0	<25.0	<10.0	<10.0	ND	<20.0	ND
309.10.##	<1.0	<2.0	<2.0	2.8	2.8	<2.0	1.4	1.3	<5.0	9.2	4.8	<4.0	<25.0	29.6	<10.0	29.6	946.0	1104.4
309.10.00	<1.0	<2.0	<2.0	<1.0	ND	<2.0	1.1	0.7	<5.0	<3.0	2.5	<4.0	<25.0	37.0	<10.0	37.0	135.0	213.7
309.10.10	<1.0	<2.0	<2.0	<1.0	ND	<2.0	1.1	0.4	<5.0	<3.0	<2.0	<4.0	<25.0	44.1	<10.0	44.1	503.0	765.1
309.10.17	<1.0	<2.0	<2.0	11.7	11.7	<2.0	4.0	1.0	<5.0	17.1	<2.0	<4.0	<25.0	40.5	<10.0	40.5	219.0	361.4
310.12.00	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	<5.0	<3.0	<2.0	<4.0	<25.0	<10.0	<10.0	ND	<20.0	ND
310.13.#A	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	0.3	<5.0	<3.0	<2.0	<4.0	<25.0	<10.0	<10.0	ND	<20.0	1.6
310.13.00	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	<5.0	<3.0	<2.0	<4.0	<25.0	<10.0	<10.0	ND	<20.0	ND
310.14.00	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	0.6	<5.0	<3.0	<2.0	<4.0	<25.0	<10.0	<10.0	ND	<20.0	1.3
310.24.00	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	<5.0	<3.0	<2.0	<4.0	<25.0	56.0	<10.0	56.0	<20.0	2.0

NA Means that the sample was not analyzed for the chemical.

ND Means that the chemical was not detected.

&lt; Means that the chemical was not detected above the indicated limit of detection.

F = Filet.

W = Whole Body.

Species codes are listed in Table 3.

**TABLE 2**  
**Toxic Substances Monitoring Program**  
**Preliminary Summary of 1999 Data: Organic Chemicals in Fish and Clams (ppb, wet weight)**

Station Number	Station Name	Species Code	Tissue Type	Sample Date	Aldrin	alpha-Chlor-dene	cis-Chlor-dane	gamma-Chlor-dene	trans-Chlor-dane	cis-Nona-chlor	trans-Nona-chlor	Oxy-chlor-dane	Total Chlor-dane	Chlor-pyrifos	Dacthal
310.31.00	Arroyo Grande Creek Lagoon	STB	W	09/22/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	2.3	1.2	3.5	2.3	3.2
312.10.00	Santa Maria R/Mouth	STB	W	09/21/99	<1.0	<1.0	3.4	<1.0	<2.0	4.3	35.9	<1.0	43.6	25.8	12.6
314.10.00	Santa Ynez River Lagoon	STF	F	09/21/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	<1.0	<1.0	ND	<2.0	<2.0
315.34.00	Carpinteria Marsh	CKF	W	09/21/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	1.9	<1.0	1.9	<2.0	<2.0
402.10.05	Ventura R/d/s OVSD Discharge	AC	W	08/13/99	<1.0	<1.0	3.8	1.1	2.5	<2.0	5.3	2.7	15.4	<2.0	<2.0
402.10.06	Ventura R/u/s OVSD Discharge	AC	W	08/13/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	2.9	1.2	4.2	<2.0	<2.0
403.11.00	Santa Clara River Estuary	AC	W	08/13/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	1.4	<1.0	1.4	<2.0	6.6
403.12.06	Calleguas Creek	BB	F	08/11/99	<1.0	<1.0	2.1	<1.0	<2.0	<2.0	3.4	<1.0	5.5	<2.0	4.7
403.64.03	Arroyo Conejo/d/s Forks	BB	F	08/11/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	2.1	<1.0	2.1	6.0	<2.0
403.67.08	Arroyo Simi/Madera Rd	AC	W	08/12/99	<1.0	<1.0	2.9	<1.0	<2.0	3.2	6.8	3.5	16.3	<2.0	16.6

  

Station Number	Dieldrin	o,p' DDD	p,p' DDD	o,p' DDE	p,p' DDE	o,p' DDT	p,p' DDT	p,p' DDMU	p,p' DDMS	Total DDT	Dicofol	Diazinon	Endo-sulfan I	Endo-sulfan II	Endo-sulfan Sulfate	Total Endo-sulfan	Endrin	Ethion
310.31.00	2.8	2.9	10.0	<2.0	120.0	<3.0	7.6	4.2	NA	144.7	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
312.10.00	188.0	204.0	803.0	23.2	5116.0	236.0	971.0	170.0	NA	7523.2	NA	<20.0	<2.0	NA	NA	ND	148.0	<6.0
314.10.00	<2.0	<2.0	<2.0	<2.0	3.9	<3.0	<5.0	<3.0	NA	3.9	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
315.34.00	<2.0	<2.0	7.2	<2.0	49.1	<3.0	<5.0	3.2	NA	59.5	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
402.10.05	5.7	2.9	<2.0	<2.0	10.8	<3.0	<5.0	<3.0	NA	13.7	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
402.10.06	<2.0	<2.0	<2.0	<2.0	11.4	<3.0	<5.0	<3.0	NA	11.4	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
403.11.00	<2.0	<2.0	5.8	<2.0	36.8	<3.0	<5.0	<3.0	NA	42.6	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
403.12.06	3.5	2.6	14.4	<2.0	208.0	5.7	42.0	3.5	NA	276.2	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
403.64.03	<2.0	<2.0	<2.0	<2.0	19.1	<3.0	<5.0	<3.0	NA	19.1	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
403.67.08	3.7	<2.0	2.1	<2.0	67.4	<3.0	<5.0	<3.0	NA	69.5	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0

  

Station Number	alpha-HCH	beta-HCH	delta-HCH	gamma-HCH (Lindane)	Total HCH	Hepta-chlor	Hepta-chlor-epoxide	Hexa-chloro-benzene	Methoxy-chlor	Oxa-diazon	Ethyl Para-thion	Methyl Para-thion	PCB 1248	PCB 1254	PCB 1260	Total PCB	Toxaphene	Chemical Group A
310.31.00	<1.0	<2.0	<2.0	<1.0	ND	<2.0	2.4	0.5	<5.0	<3.0	<2.0	<4.0	<25.0	11.0	<10.0	11.0	83.1	91.9
312.10.00	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	1.4	9.3	<3.0	<2.0	<4.0	<25.0	248.0	<10.0	248.0	7593.0	7972.6
314.10.00	<1.0	<2.0	<2.0	1.0	1.0	<2.0	<1.0	<0.3	<5.0	<3.0	<2.0	<4.0	<25.0	<10.0	<10.0	ND	<20.0	1.0
315.34.00	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	<5.0	148.0	<2.0	<4.0	<25.0	<10.0	<10.0	ND	<20.0	1.9
402.10.05	<1.0	<2.0	<2.0	47.4	47.4	<2.0	<1.0	1.0	<5.0	<3.0	2.0	<4.0	<25.0	17.0	<10.0	17.0	<20.0	68.5
402.10.06	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	0.6	<5.0	<3.0	<2.0	<4.0	<25.0	11.0	<10.0	11.0	<20.0	4.2
403.11.00	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	<5.0	<3.0	3.3	<4.0	<25.0	<10.0	<10.0	ND	77.7	79.1
403.12.06	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	0.8	<5.0	<3.0	<2.0	<4.0	<25.0	30.0	<10.0	30.0	424.0	433.0
403.64.03	<1.0	<2.0	<2.0	1.3	1.3	<2.0	<1.0	0.6	<5.0	<3.0	<2.0	<4.0	<25.0	<10.0	<10.0	ND	<20.0	3.4
403.67.08	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	1.4	<5.0	53.0	<2.0	<4.0	<25.0	40.0	<10.0	40.0	32.9	53.0

NA Means that the sample was not analyzed for the chemical.

ND Means that the chemical was not detected.

&lt; Means that the chemical was not detected above the indicated limit of detection.

F = Filet.

W = Whole Body.

Species codes are listed in Table 3.

**TABLE 2**  
**Toxic Substances Monitoring Program**  
**Preliminary Summary of 1999 Data: Organic Chemicals in Fish and Clams (ppb, wet weight)**

Station Number	Station Name	Species Code	Tissue Type	Sample Date	Aldrin	alpha-Chlor-dene	cis-Chlor-dane	gamma-Chlor-dene	trans-Chlor-dane	cis-Nona-chlor	trans-Nona-chlor	Oxy-chlor-dane	Total Chlor-dane	Chlor-pyrifos	Dacthal
404.21.04	Malibu Cr/Tapia Park	AC	W	09/10/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	4.2	1.1	5.3	<2.0	<2.0
404.21.05	Malibu Cr/u/s Tapia Discharge	LMB	W	09/10/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	1.1	<1.0	1.1	<2.0	<2.0
404.21.07	Malibou Lake	LMB	F	08/12/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	2.2	<1.0	2.2	<2.0	<2.0
404.25.01	Westlake Lake	LMB	F	08/12/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	3.0	<1.0	3.0	<2.0	<2.0
405.12.03	Los Angeles River	TL	W	09/09/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	1.8	<1.0	1.8	<2.0	<2.0
405.15.04	San Gabriel River	TL	F	09/09/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	<1.0	<1.0	ND	<2.0	<2.0
405.21.06	Los Angeles R/Los Feliz Rd	GAM	W	09/09/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	3.5	2.8	6.3	2.4	<2.0
405.52.01	Puddingstone Res	LMB	F	08/10/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	2.8	<1.0	2.8	<2.0	<2.0
511.10.08	Putah Creek/South Fork	LMB	F	09/30/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	1.7	<1.0	1.7	2.1	2.0
511.10.08	Putah Creek/South Fork	SKR	F	09/30/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	<1.0	<1.0	ND	<2.0	2.0

  

Station Number	Dieldrin	o,p' DDD	p,p' DDD	o,p' DDE	p,p' DDE	o,p' DDT	p,p' DDT	p,p' DDMU	p,p' DDMS	Total DDT	Dicofol	Diazinon	Endo-sulfan I	Endo-sulfan II	Endo-sulfan Sulfate	Total Endo-sulfan	Endrin	Ethion
404.21.04	<2.0	<2.0	2.1	<2.0	16.9	<3.0	<5.0	<3.0	NA	19.0	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
404.21.05	<2.0	<2.0	<2.0	<2.0	7.1	<3.0	<5.0	<3.0	NA	7.1	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
404.21.07	<2.0	<2.0	<2.0	<2.0	5.7	<3.0	<5.0	<3.0	NA	5.7	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
404.25.01	<2.0	<2.0	<2.0	<2.0	8.1	<3.0	<5.0	<3.0	NA	8.1	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
405.12.03	3.7	<2.0	2.4	<2.0	7.3	<3.0	<5.0	<3.0	NA	9.6	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
405.15.04	<2.0	<2.0	<2.0	<2.0	<2.0	<3.0	<5.0	<3.0	NA	ND	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
405.21.06	6.4	<2.0	4.3	<2.0	16.5	<3.0	<5.0	<3.0	NA	20.8	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
405.52.01	<2.0	<2.0	<2.0	<2.0	10.7	<3.0	<5.0	<3.0	NA	10.7	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
511.10.08	<2.0	2.6	22.0	<2.0	63.9	<3.0	7.2	5.2	NA	100.9	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
511.10.08	<2.0	<2.0	2.9	<2.0	10.3	<3.0	<5.0	<3.0	NA	13.2	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0

  

Station Number	alpha-HCH	beta-HCH	delta-HCH	gamma-HCH (Lindane)	Total HCH	Hepta-chlor	Hepta-chlor-epoxide	Hexa-chloro-benzene	Methoxy-chlor	Oxa-diazon	Ethyl Parathion	Methyl Parathion	PCB 1248	PCB 1254	PCB 1260	Total PCB	Toxaphene	Chemical Group A
404.21.04	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	0.5	<5.0	4.7	<2.0	<4.0	<25.0	14.0	<10.0	14.0	<20.0	5.3
404.21.05	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	<5.0	<3.0	<2.0	<4.0	<25.0	<10.0	<10.0	ND	<20.0	1.1
404.21.07	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	<5.0	<3.0	<2.0	<4.0	<25.0	<10.0	<10.0	ND	<20.0	2.2
404.25.01	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	<5.0	<3.0	<2.0	<4.0	<25.0	<10.0	<10.0	ND	<20.0	3.0
405.12.03	<1.0	<2.0	<2.0	5.3	5.3	<2.0	<1.0	<0.3	13.0	3.9	<2.0	<4.0	<25.0	25.0	11.0	36.0	<20.0	10.8
405.15.04	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	<5.0	<3.0	<2.0	<4.0	<25.0	<10.0	<10.0	ND	<20.0	ND
405.21.06	<1.0	<2.0	<2.0	7.4	7.4	<2.0	<1.0	<0.3	<5.0	4.5	<2.0	<4.0	27.0	31.0	10.0	68.0	<20.0	20.2
405.52.01	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	<5.0	<3.0	<2.0	<4.0	<25.0	13.0	<10.0	13.0	<20.0	2.8
511.10.08	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	<5.0	<3.0	<2.0	<4.0	<25.0	19.0	<10.0	19.0	<20.0	1.7
511.10.08	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	<5.0	<3.0	<2.0	<4.0	<25.0	<10.0	<10.0	ND	<20.0	ND

NA Means that the sample was not analyzed for the chemical.

ND Means that the chemical was not detected.

&lt; Means that the chemical was not detected above the indicated limit of detection.

F = Filet.

W = Whole Body.

Species codes are listed in Table 3.

**TABLE 2**  
**Toxic Substances Monitoring Program**  
**Preliminary Summary of 1999 Data: Organic Chemicals in Fish and Clams (ppb, wet weight)**

Station Number	Station Name	Species Code	Tissue Type	Sample Date	Aldrin	alpha-Chlor-dene	cis-Chlor-dane	gamma-Chlor-dene	trans-Chlor-dane	cis-Nona-chlor	trans-Nona-chlor	Oxy-chlor-dane	Total Chlor-dane	Chlor-pyrifos	Dacthal
634.10.##	Tallac Lagoon	RBT	F	09/17/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	<1.0	<1.0	ND	<2.0	<2.0
634.10.##A	Tahoe Keys/Sailing Lagoon Marina	LMB	F	06/01/00	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	<1.0	<1.0	ND	<2.0	<2.0
634.10.##B	Tahoe Keys/Sailing Lagoon	LMB	F	06/01/00	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	<1.0	<1.0	ND	<2.0	2.0
634.10.00	Upper Truckee R/d/s HWY 50	RBT	F	09/16/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	<1.0	<1.0	ND	<2.0	<2.0
635.20.##	Trout Cr/Truckee/d/s Golf Course	BK	F	10/21/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	<1.0	<1.0	ND	<2.0	<2.0
637.20.##	Gold Run Creek	RBT	F	10/21/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	<1.0	<1.0	ND	<2.0	<2.0
637.20.25	Susan R/d/s Piute Creek	BK	F	10/22/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	<1.0	<1.0	ND	<2.0	<2.0
637.20.31	Susan R/u/s Susanville	RBT	F	10/22/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	<1.0	<1.0	ND	<2.0	<2.0
715.40.08	Palo Verde Outfall Drain	LMB	F	12/07/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	<1.0	<1.0	ND	<2.0	<2.0
715.50.90	Colorado R/u/s Imperial Dam	LMB	F	12/07/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	<1.0	<1.0	ND	<2.0	<2.0

  

Station Number	Dieldrin	o,p' DDD	p,p' DDD	o,p' DDE	p,p' DDE	o,p' DDT	p,p' DDT	p,p' DDMU	p,p' DDMS	Total DDT	Dicofol	Diazinon	Endo-sulfan I	Endo-sulfan II	Endo-sulfan Sulfate	Total Endo-sulfan	Endrin	Ethion
634.10.##	<2.0	<2.0	<2.0	<2.0	<2.0	<3.0	<5.0	<3.0	NA	ND	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
634.10.##A	<2.0	<2.0	<2.0	<2.0	<2.0	<3.0	<5.0	<3.0	NA	ND	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
634.10.##B	<2.0	<2.0	<2.0	<2.0	<2.0	<3.0	<5.0	<3.0	NA	ND	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
634.10.00	<2.0	<2.0	<2.0	<2.0	<2.0	<3.0	<5.0	<3.0	NA	ND	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
635.20.##	<2.0	<2.0	<2.0	<2.0	<2.0	<3.0	<5.0	<3.0	NA	ND	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
637.20.##	<2.0	<2.0	<2.0	<2.0	<2.0	<3.0	<5.0	<3.0	NA	ND	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
637.20.25	<2.0	<2.0	<2.0	<2.0	11.3	<3.0	<5.0	<3.0	NA	11.3	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
637.20.31	<2.0	<2.0	<2.0	<2.0	2.9	<3.0	<5.0	<3.0	NA	2.9	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
715.40.08	<2.0	<2.0	<2.0	<2.0	33.2	<3.0	<5.0	<3.0	NA	33.2	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
715.50.90	<2.0	<2.0	<2.0	<2.0	<2.0	<3.0	<5.0	<3.0	NA	ND	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0

  

Station Number	alpha-HCH	beta-HCH	delta-HCH	gamma-HCH (Lindane)	Total HCH	Hepta-chlor	Hepta-chlor-epoxide	Hexa-chloro-benzene	Methoxy-chlor	Oxa-diazon	Ethyl Parathion	Methyl Parathion	PCB 1248	PCB 1254	PCB 1260	Total PCB	Toxaphene	Chemical Group A
634.10.##	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	<5.0	<3.0	<2.0	<4.0	<25.0	<10.0	<10.0	ND	<20.0	ND
634.10.##A	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	0.3	<5.0	<3.0	<2.0	<4.0	<25.0	<10.0	<10.0	ND	<20.0	ND
634.10.##B	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	0.4	<5.0	<3.0	<2.0	<4.0	<25.0	10.0	<10.0	10.0	28.8	28.8
634.10.00	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	<5.0	<3.0	<2.0	<4.0	<25.0	<10.0	<10.0	ND	<20.0	ND
635.20.##	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	5.8	<3.0	<2.0	<4.0	<25.0	<10.0	<10.0	ND	<20.0	ND
637.20.##	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	<5.0	<3.0	<2.0	<4.0	<25.0	<10.0	<10.0	ND	<20.0	ND
637.20.25	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	0.4	<5.0	8.7	8.7	<4.0	<25.0	15.0	<10.0	15.0	<20.0	ND
637.20.31	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	<5.0	<3.0	<2.0	<4.0	<25.0	<10.0	<10.0	ND	<20.0	ND
715.40.08	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	<5.0	<3.0	<2.0	<4.0	<25.0	<10.0	<10.0	ND	<20.0	ND
715.50.90	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	<5.0	<3.0	<2.0	<4.0	<25.0	<10.0	<10.0	ND	<20.0	ND

NA Means that the sample was not analyzed for the chemical.

ND Means that the chemical was not detected.

&lt; Means that the chemical was not detected above the indicated limit of detection.

F = Filet.

W = Whole Body.

Species codes are listed in Table 3.

**TABLE 2**  
**Toxic Substances Monitoring Program**  
**Preliminary Summary of 1999 Data: Organic Chemicals in Fish and Clams (ppb, wet weight)**

Station Number	Station Name	Species Code	Tissue Type	Sample Date	Aldrin	alpha-Chlor-dene	cis-Chlor-dane	gamma-Chlor-dene	trans-Chlor-dane	cis-Nona-chlor	trans-Nona-chlor	Oxy-chlor-dane	Total Chlor-dane	Chlor-pyrifos	Dacthal
719.47.00	Coachella Valley Stormwater Ch	TL	W	12/08/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	1.8	<1.0	1.8	<2.0	3.0
723.10.02	New R/Westmorland	CP	F	12/09/99	<1.0	<1.0	5.2	<1.0	3.7	2.4	6.6	<1.0	17.9	44.1	337.0
723.10.12	Wiest Lake	LMB	F	12/06/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	<1.0	<1.0	ND	5.7	3.2
723.10.21	Holtville Main Drain	CCF	F	12/05/99	<1.0	<1.0	2.1	<1.0	<2.0	2.3	6.9	<1.0	11.3	<2.0	938.0
723.10.30	Central Drain	CP	F	12/05/99	<1.0	<1.0	21.0	<1.0	23.9	12.1	25.1	3.2	85.3	177.0	945.0
723.10.31	South Central Drain	CCF	F	12/05/99	<1.0	<1.0	6.6	<1.0	3.4	6.3	16.2	1.4	33.8	44.0	940.0
728.00.90	Salton Sea/South	ORC	F	12/06/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	<1.0	<1.0	ND	<2.0	3.2
801.11.05	Delhi Channel	GAM	W	08/05/99	<1.0	<1.0	2.6	<1.0	<2.0	<2.0	3.7	<1.0	6.2	<2.0	<2.0
801.11.07	San Diego Cr/Michelson Dr	PRS	W	08/05/99	<1.0	<1.0	3.7	<1.0	2.9	2.2	5.2	2.3	16.4	2.9	<2.0
801.11.07	San Diego Cr/Michelson Dr	PRS	W	08/05/99	<1.0	<1.0	4.9	<1.0	3.6	2.5	6.1	2.9	19.9	3.4	<2.0

  

Station Number	Dieldrin	o,p' DDD	p,p' DDD	o,p' DDE	p,p' DDE	o,p' DDT	p,p' DDT	p,p' DDMU	p,p' DDMS	Total DDT	Dicofol	Diazinon	Endo-sulfan I	Endo-sulfan II	Endo-sulfan Sulfate	Total Endo-sulfan	Endrin	Ethion
719.47.00	3.1	<2.0	6.9	<2.0	277.0	<3.0	15.3	<3.0	NA	299.2	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
723.10.02	13.0	9.4	30.3	7.5	467.0	<3.0	<5.0	11.7	NA	525.9	NA	<20.0	2.8	<10.0	<10.0	2.8	<2.0	<6.0
723.10.12	<2.0	<2.0	2.1	<2.0	36.4	<3.0	<5.0	<3.0	NA	38.5	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
723.10.21	11.7	3.6	22.6	8.6	807.0	<3.0	11.8	11.7	NA	865.3	NA	<20.0	9.6	11.7	26.9	48.2	<2.0	<6.0
723.10.30	96.2	75.0	176.0	33.6	3026.0	7.1	13.9	52.8	NA	3384.4	NA	<20.0	4.8	<10.0	<10.0	4.8	<2.0	<6.0
723.10.31	72.7	20.3	41.6	18.0	2403.0	6.8	22.8	17.0	NA	2529.6	NA	<20.0	2.1	<10.0	<10.0	2.1	10.8	<6.0
728.00.90	<2.0	<2.0	<2.0	<2.0	78.7	<3.0	<5.0	<3.0	NA	78.7	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
801.11.05	<2.0	<2.0	7.3	<2.0	38.9	<3.0	<5.0	<3.0	NA	46.2	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
801.11.07	5.4	2.1	18.4	<2.0	128.0	<3.0	<5.0	5.6	NA	154.1	NA	42.8	<2.0	NA	NA	ND	<2.0	<6.0
801.11.07	6.4	2.7	21.6	<2.0	137.0	<3.0	<5.0	6.4	NA	167.7	NA	49.1	<2.0	NA	NA	ND	<2.0	<6.0

  

Station Number	alpha-HCH	beta-HCH	delta-HCH	gamma-HCH (Lindane)	Total HCH	Hepta-chlor	Hepta-chlor-epoxide	Hexa-chloro-benzene	Methoxy-chlor	Oxa-diazon	Ethyl Para-thion	Methyl Para-thion	PCB 1248	PCB 1254	PCB 1260	Total PCB	Toxaphene	Chemical Group A
719.47.00	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	<5.0	<3.0	<2.0	<4.0	<25.0	12.0	<10.0	12.0	27.6	32.5
723.10.02	<1.0	<2.0	<2.0	1.2	1.2	<2.0	<1.0	4.4	<5.0	<3.0	<2.0	<4.0	66.0	72.0	78.0	216.0	138.0	172.9
723.10.12	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	<5.0	<3.0	<2.0	<4.0	117.0	<10.0	<10.0	117.0	<20.0	ND
723.10.21	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	2.3	<5.0	<3.0	<2.0	<4.0	<25.0	37.0	<10.0	37.0	246.0	317.2
723.10.30	<1.0	<2.0	<2.0	1.2	1.2	<2.0	<1.0	7.3	<5.0	<3.0	<2.0	<4.0	40.0	65.0	25.0	130.0	2196.0	2383.6
723.10.31	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	3.1	<5.0	<3.0	<2.0	<4.0	<25.0	51.0	<10.0	51.0	1964.0	2083.4
728.00.90	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	<5.0	<3.0	<2.0	<4.0	<25.0	<10.0	<10.0	ND	<20.0	ND
801.11.05	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	<5.0	<3.0	<2.0	<4.0	<25.0	27.0	<10.0	27.0	<20.0	6.2
801.11.07	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	1.1	<5.0	172.0	<2.0	<4.0	<25.0	37.0	13.0	50.0	54.1	75.9
801.11.07	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	1.3	<5.0	188.0	<2.0	<4.0	<25.0	40.0	11.0	51.0	67.0	93.3

NA Means that the sample was not analyzed for the chemical.

ND Means that the chemical was not detected.

&lt; Means that the chemical was not detected above the indicated limit of detection.

F = Filet.

W = Whole Body.

Species codes are listed in Table 3.

**TABLE 2**  
**Toxic Substances Monitoring Program**  
**Preliminary Summary of 1999 Data: Organic Chemicals in Fish and Clams (ppb, wet weight)**

Station Number	Station Name	Species Code	Tissue Type	Sample Date	Aldrin	alpha-Chlor-dene	cis-Chlor-dane	gamma-Chlor-dene	trans-Chlor-dane	cis-Nona-chlor	trans-Nona-chlor	Oxy-chlor-dane	Total Chlor-dane	Chlor-pyrifos	Dacthal
801.11.09	San Diego Cr/Barranca Pkwy	PRS	W	08/05/99	<1.0	<1.0	4.2	<1.0	2.3	2.3	5.7	2.1	16.6	<2.0	<2.0
801.11.89	Lower Newport Bay/Rhine Ch	YFC	F	08/10/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	<1.0	<1.0	ND	<2.0	<2.0
801.11.96	Peters Canyon Channel	PRS	W	08/05/99	<1.0	<1.0	3.2	<1.0	2.6	2.9	9.1	1.4	19.3	4.2	<2.0
801.11.96	Peters Canyon Channel	PRS	W	08/05/99	<1.0	<1.0	3.3	<1.0	2.8	3.2	9.8	1.5	20.7	5.2	<2.0
801.11.99	Upper Newport Bay/Newport Dunes	ORC	F	08/04/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	1.9	<1.0	1.9	<2.0	<2.0
901.12.##	Aliso Cr/Pacific Park Dr	PRS	W	08/27/99	<1.0	<1.0	5.4	1.2	2.0	<2.0	5.3	3.6	17.5	4.3	4.1
902.11.01	Santa Margarita R/Stuart Mesa Rd	CKF	W	08/25/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	<1.0	<1.0	ND	<2.0	<2.0
902.22.03	Rainbow Creek	GSF	F	08/26/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	<1.0	<1.0	ND	<2.0	<2.0
902.32.##	Murrietta Cr/u/s Temecula Cr	BLB	F	08/26/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	2.0	<1.0	2.0	<2.0	<2.0
904.10.##	Loma Alta Cr/College Blvd	GAM	W	08/26/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	1.6	<1.0	1.6	<2.0	<2.0

  

Station Number	Dieldrin	o,p' DDD	p,p' DDD	o,p' DDE	p,p' DDE	o,p' DDT	p,p' DDT	p,p' DDMU	p,p' DDMS	Total DDT	Dicofol	Diazinon	Endo-sulfan I	Endo-sulfan II	Endo-sulfan Sulfate	Total Endo-sulfan	Endrin	Ethion
801.11.09	4.1	3.2	27.0	<2.0	139.0	<3.0	<5.0	8.9	NA	178.1	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
801.11.89	<2.0	<2.0	<2.0	<2.0	22.8	<3.0	<5.0	<3.0	NA	22.8	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
801.11.96	3.3	5.8	24.4	2.7	503.0	<3.0	<5.0	10.9	NA	546.8	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
801.11.96	3.4	5.8	25.8	2.8	516.0	3.1	<5.0	11.4	NA	564.9	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
801.11.99	<2.0	<2.0	6.0	<2.0	54.5	<3.0	<5.0	3.3	NA	63.9	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
901.12.##	8.8	<2.0	<2.0	<2.0	9.4	<3.0	<5.0	<3.0	NA	9.4	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
902.11.01	<2.0	2.6	4.8	<2.0	15.2	<3.0	<5.0	<3.0	NA	22.5	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
902.22.03	<2.0	<2.0	<2.0	<2.0	<2.0	<3.0	<5.0	<3.0	NA	ND	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
902.32.##	<2.0	<2.0	<2.0	<2.0	2.9	<3.0	<5.0	<3.0	NA	2.9	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
904.10.##	<2.0	<2.0	<2.0	<2.0	7.6	<3.0	<5.0	<3.0	NA	7.6	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0

  

Station Number	alpha-HCH	beta-HCH	delta-HCH	gamma-HCH (Lindane)	Total HCH	Hepta-chlor	Hepta-chlor-epoxide	Hexa-chloro-benzene	Methoxy-chlor	Oxa-diazon	Ethyl Parathion	Methyl Parathion	PCB 1248	PCB 1254	PCB 1260	Total PCB	Toxaphene	Chemical Group A
801.11.09	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	0.7	<5.0	329.0	<2.0	<4.0	<25.0	71.0	14.0	85.0	81.4	102.1
801.11.89	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	<5.0	<3.0	<2.0	<4.0	<25.0	39.0	<10.0	39.0	<20.0	ND
801.11.96	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	0.6	<5.0	59.6	<2.0	<4.0	<25.0	26.0	15.0	41.0	72.0	94.6
801.11.96	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	0.6	<5.0	62.7	<2.0	<4.0	<25.0	29.0	15.0	44.0	80.5	104.6
801.11.99	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	<5.0	<3.0	<2.0	<4.0	<25.0	21.0	<10.0	21.0	<20.0	1.9
901.12.##	<1.0	<2.0	<2.0	<1.0	ND	<2.0	2.9	0.4	<5.0	41.9	<2.0	<4.0	<25.0	22.0	<10.0	22.0	<20.0	29.2
902.11.01	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	<5.0	5.2	<2.0	<4.0	<25.0	<10.0	<10.0	ND	<20.0	ND
902.22.03	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	<5.0	<3.0	<2.0	<4.0	<25.0	<10.0	<10.0	ND	<20.0	ND
902.32.##	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	<5.0	<3.0	<2.0	<4.0	<25.0	<10.0	<10.0	ND	<20.0	2.0
904.10.##	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	<5.0	4.9	<2.0	<4.0	<25.0	21.0	<10.0	21.0	<20.0	1.6

NA Means that the sample was not analyzed for the chemical.

ND Means that the chemical was not detected.

&lt; Means that the chemical was not detected above the indicated limit of detection.

F = Filet.

W = Whole Body.

Species codes are listed in Table 3.

**TABLE 2**  
**Toxic Substances Monitoring Program**  
**Preliminary Summary of 1999 Data: Organic Chemicals in Fish and Clams (ppb, wet weight)**

Station Number	Station Name	Species Code	Tissue Type	Sample Date	Aldrin	alpha-Chlor-dene	cis-Chlor-dane	gamma-Chlor-dene	trans-Chlor-dane	cis-Nona-chlor	trans-Nona-chlor	Oxy-chlor-dane	Total Chlor-dane	Chlor-pyrifos	Dacthal
904.21.02	Buena Vista Lagoon	LMB	F	08/25/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	<1.0	<1.0	ND	<2.0	<2.0
904.31.##	Agua Hedionda Cr/El Camino Real	GAM	W	08/24/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	4.7	2.6	7.2	<2.0	<2.0
904.51.03	San Marcos Cr	LMB	F	08/24/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	<1.0	<1.0	ND	<2.0	<2.0
904.61.07	Escondido Cr/Elfin Forest Park	GSF	F	08/24/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	<1.0	<1.0	ND	<2.0	<2.0
907.11.03	San Diego R/u/s Taylor St	LMB	F	08/23/99	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	3.0	<1.0	3.0	<2.0	<2.0

  

Station Number	Dieldrin	o,p' DDD	p,p' DDD	o,p' DDE	p,p' DDE	o,p' DDT	p,p' DDT	p,p' DDMU	p,p' DDMS	Total DDT	Dicofol	Diazinon	Endo-sulfan I	Endo-sulfan II	Endo-sulfan Sulfate	Total Endo-sulfan	Endrin	Ethion
904.21.02	<2.0	<2.0	<2.0	<2.0	2.2	<3.0	<5.0	<3.0	NA	2.2	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
904.31.##	<2.0	<2.0	3.3	<2.0	42.8	<3.0	<5.0	<3.0	NA	46.1	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
904.51.03	<2.0	<2.0	<2.0	<2.0	<2.0	<3.0	<5.0	<3.0	NA	ND	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
904.61.07	<2.0	<2.0	<2.0	<2.0	<2.0	<3.0	<5.0	<3.0	NA	ND	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0
907.11.03	<2.0	<2.0	<2.0	<2.0	4.8	<3.0	<5.0	<3.0	NA	4.8	NA	<20.0	<2.0	NA	NA	ND	<2.0	<6.0

  

Station Number	alpha-HCH	beta-HCH	delta-HCH	gamma-HCH (Lindane)	Total HCH	Hepta-chlor	Hepta-chlor-epoxide	Hexa-chloro-benzene	Methoxy-chlor	Oxa-diazon	Ethyl Para-thion	Methyl Para-thion	PCB 1248	PCB 1254	PCB 1260	Total PCB	Toxaphene	Chemical Group A
904.21.02	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	<5.0	<3.0	<2.0	<4.0	<25.0	<10.0	<10.0	ND	<20.0	ND
904.31.##	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	<5.0	<3.0	<2.0	<4.0	<25.0	<10.0	<10.0	ND	<20.0	7.2
904.51.03	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	<5.0	<3.0	<2.0	<4.0	<25.0	<10.0	<10.0	ND	<20.0	ND
904.61.07	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	<5.0	<3.0	<2.0	<4.0	<25.0	<10.0	<10.0	ND	<20.0	ND
907.11.03	<1.0	<2.0	<2.0	<1.0	ND	<2.0	<1.0	<0.3	<5.0	<3.0	<2.0	<4.0	<25.0	18.0	<10.0	18.0	<20.0	3.0

NA Means that the sample was not analyzed for the chemical.

ND Means that the chemical was not detected.

&lt; Means that the chemical was not detected above the indicated limit of detection.

F = Filet.

W = Whole Body.

Species codes are listed in Table 3.

**TABLE 3**  
**Toxic Substances Monitoring Program**  
**1999 Species Code List**

**Freshwater Fish \***

Species Code	Common Name	Species Name	Family Name
AC	Arroyo Chub	<i>Gila orcutti</i>	Cyprinidae
BB	Brown Bullhead	<i>Ameiurus nebulosus</i>	Ictaluridae
BCR	Black Crappie	<i>Pomoxis nigromaculatus</i>	Centrarchidae
BG	Bluegill	<i>Lepomis macrochirus</i>	Centrarchidae
BK	Brook Trout	<i>Salvelinus fontinalis</i>	Salmonidae
BLB	Black Bullhead	<i>Ameiurus melas</i>	Ictaluridae
BN	Brown Trout	<i>Salmo trutta</i>	Salmonidae
CCF	Channel Catfish	<i>Ictalurus punctatus</i>	Ictaluridae
CP	Carp	<i>Cyprinus carpio</i>	Cyprinidae
GAM	Mosquitofish	<i>Gambusia affinis</i>	Poeciliidae
GSF	Green Sunfish	<i>Lepomis cyanellus</i>	Centrarchidae
LMB	Largemouth Bass	<i>Micropterus salmoides</i>	Centrarchidae
PCP	Prickly Sculpin	<i>Cottus asper</i>	Cottidae
PRS	Red Shiner	<i>Cyprinella lutrensis</i>	Cyprinidae
RBT	Rainbow Trout	<i>Oncorhynchus mykiss</i>	Salmonidae
RCH	California Roach	<i>Hesperoleucus symmetricus</i>	Cyprinidae
SKR	Sucker	<i>Catostomus sp.</i>	Catostomidae
SPM	Sacramento Pike Minnow	<i>Ptychocheilus grandis</i>	Cyprinidae
STB	Threespine Stickleback	<i>Gasterosteus aculeatus</i>	Gasterosteidae
TL	Tilapia	<i>Tilapia sp.</i>	Cichlidae

**Marine Fish \***

Species Code	Common Name	Species Name	Family Name
CKF	California Killifish	<i>Fundulus parvipinnis</i>	Cyprinodontidae
ORC	Orangemouth Corvina	<i>Cynoscion xanthulus</i>	Sciaenidae
SSP	Shiner Perch	<i>Cymatogaster aggregata</i>	Embiotocidae
STF	Starry Flounder	<i>Platichthys stellatus</i>	Pleuronectidae
YFC	Yellowfin Croaker	<i>Umbrina roncadior</i>	Sciaenidae

**Non-Fish**

Species Code	Common Name	Species Name	Family Name
TFC	Asiatic Clam (transplant)	<i>Corbicula manilensis</i>	Corbiculidae

- \* Common and scientific fish names were obtained from Robins, C.R., R.M. Bailey, C.E. Bond, J.R. Brooker, E.A. Lachner, R.N. Lea, and W.B. Scott. 1991. Common and Scientific Names of Fishes from the United States and Canada. American Fisheries Society Special Publication 20, Bethesda, Maryland.