

## **APPENDIX D**

### **Summary of 1992-93 Species Data**

**APPENDIX D**  
 Toxic Substances Monitoring Program  
 Summary of 1992-93 Species Data

Station Number	Station Name	Species Code	Common Name	Sample Date	Sample Number	Age (Yr.)	Weight* (g)	Size* (mm)	Percent Water			Percent Lipid	
									F**	W**	L**	F**	W**
105.38.29	Klamath R/u/s Copco Reservoir	RBT	Rainbow Trout	09/02/92	4	2-3	542.8	331.0	77.5		79.6	4.86	
105.50.04	Shasta River	DC	Speckled Dace	09/01/92	9	3-6	9.5	94.2		71.4			
105.50.04	Shasta River	DC	Speckled Dace	09/01/92	10	3-6	8.9	91.9		72.6			
105.50.35	Beaughton Cr/d/s HWY 97 Brg	BN	Brown Trout	09/01/92	8	1-2	108.1	197.0	77.2		81.1	0.91	
105.91.91	Klamath R/Straits Drain	TC	Tui Chub	09/02/92	1	3	83.5	172.0	85.8			0.39	
105.91.91	Klamath R/Straits Drain	TC	Tui Chub	10/07/93	24	1	3.3	66.7		78.5			2.75
105.92.01	Lost R/Tule Lake	TC	Tui Chub	09/04/92	48	0-1	0.9	44.4		81.2			1.30
105.92.01	Lost R/Tule Lake	TC	Tui Chub	10/07/93	41	0-1	1.6	52.6		80.3			1.68
105.92.90	Lost R/Canal D	SP	Sacramento Perch	09/03/92	6	2	47.8	128.0	78.7		80.7		
105.92.90	Lost R/Canal D	TC	Tui Chub	09/03/92	4	3	77.5	163.0	80.5			0.69	
105.92.91	Lost R/Canal N	TC	Tui Chub	10/07/93	1	3	71.6	160.0	NA			0.67	
106.40.12	Carrville Pond	BLB	Black Bullhead	08/31/92	2	1-2	100.4	186.0	82.7		NA		
106.40.12	Carrville Pond	RBT	Rainbow Trout	08/31/92	8	1	161.3	239.0	80.4			0.43	
111.63.13	Lake Pillsbury/Eel River Arm	LMB	Largemouth Bass	10/06/92	4	7-9	3082.0	508.0	77.0		76.4		
111.63.13	Lake Pillsbury/Eel River Arm	LMB	Largemouth Bass	10/06/92	24	1	33.3	128.0	79.1		81.6		
111.63.13	Lake Pillsbury/Eel River Arm	LMB	Largemouth Bass	09/10/93	1	6	1987.1	455.0	79.5				
111.63.13	Lake Pillsbury/Eel River Arm	SQF	Sacramento Squawfish	09/10/93	6	5-6	763.5	425.0	79.2				
111.63.14	Lake Pillsbury	LMB	Largemouth Bass	10/06/92	4	4-8	2092.0	452.0	77.9		78.0		
111.63.14	Lake Pillsbury	SQF	Sacramento Squawfish	10/06/92	25	1-5	79.1	195.0	77.4				
111.63.14	Lake Pillsbury	LMB	Largemouth Bass	09/10/93	18	1	28.0	120.0	79.6				
111.63.14	Lake Pillsbury	LMB	Largemouth Bass	09/10/93	2	2	247.2	234.0	78.8				
114.11.05	Russian R/Duncans Mills	PCP	Prickly Sculpin	07/22/92	15	2-5	6.6	77.1		78.8			5.81
114.11.16	Russian R/Odd Fellows Pk Brg	GSF	Green Sunfish	07/23/92	10	1-2	8.4	74.0		75.4			3.55
114.11.23	Russian R/Wohler Brg	SMB	Smallmouth Bass	10/08/92	11	0	7.3	83.3		79.4			3.18
114.23.00	Mark West Creek	SKR	Sucker	10/08/92	13	1	7.2	85.7		82.6			1.43
114.23.00	Mark West Creek	WCR	White Crappie	09/08/93	11	1-2	6.5	78.0		76.3			
114.24.12	Lake Sonoma	LMB	Largemouth Bass	10/07/92	12	1-2	142.9	208.0	88.9		79.8		
114.24.12	Lake Sonoma	LMB	Largemouth Bass	09/09/93	6	2-3	457.0	288.0	78.9				
114.24.12	Lake Sonoma	RSF	Redear Sunfish	09/09/93	7	3	110.5	174.0	79.5				
114.24.12	Lake Sonoma	RSF	Redear Sunfish	09/09/93	6	3	110.5	175.0	79.2				
114.26.00	Big Sulfur Creek	SQF	Sacramento Squawfish	10/07/92	9	1-6	222.6	266.0	77.8		77.4	1.48	
114.32.00	Lake Mendocino	RSF	Redear Sunfish	10/07/92	6	6-7	664.0	281.0	78.2		77.3	0.17	
114.32.00	Lake Mendocino	RSF	Redear Sunfish	11/07/92	6	6-7	664.0	281.0	78.2		77.3	0.17	
114.32.00	Lake Mendocino	LMB	Largemouth Bass	09/09/93	6	2-3	436.1	288.0	78.8				
114.32.00	Lake Mendocino	RSF	Redear Sunfish	09/09/93	6	5-7	628.4	288.0	80.0				

\* Weight and Size are either individual or mean values as indicated by sample number. Size = the fork length of fish, total length of other organisms.

\*\* F = Filet. L = Liver. W = Whole Body.

NA = Not Analyzed. Missing data indicate data not applicable to the sample or the analysis.

**APPENDIX D (continued)**  
 Toxic Substances Monitoring Program  
 Summary of 1992-93 Species Data

Station Number	Station Name	Species Code	Common Name	Sample Date	Sample Number	Age (Yr.)	Weight* (g)	Size* (mm)	Percent Water			Percent Lipid		
									F**	W**	L**	F**	W**	
115.30.02	Estero de San Antonio	SSP	Shiner Perch	07/22/92	11	1-2	3.5	61.1		80.9				
115.30.04	Estero Americano	STB	Threespine Stickleback	07/22/92	30	1-2	2.3	56.6		72.0				
201.12.01	Walker Creek	STB	Threespine Stickleback	07/27/92	36	1-2	1.8	51.7		78.3			2.85	
201.12.01	Walker Creek	RBT	Rainbow Trout	08/25/93	8	0	16.4	104.0	80.2		NA			
204.30.11	Alameda Cr/Niles Canyon Rd	SKR	Sucker	07/15/92	6	1-2	86.9	182.0	83.3				0.88	
205.50.94	Stevens Creek	SH	Steelhead Rainbow Trout	07/15/92	13	0-2	68.4	168.0	78.3		79.1		1.12	
206.30.07	Petaluma R/Lakeville	YFG	Yellowfin Goby	07/28/92	8	NA	16.4	122.0	79.3		NA		0.13	
206.30.14	Petaluma R/Petaluma	GSF	Green Sunfish	08/25/93	11	2	6.3	69.8		76.7				
206.40.08	Sonoma Creek	HCH	Hitch	08/24/93	15	1	5.1	76.4		75.0				
206.50.14	Napa R/Napa	RCP	Riffle Sculpin	07/27/92	9	4	10.4	86.4		77.0			5.24	
206.50.14	Napa R/Napa	RCP	Riffle Sculpin	08/24/93	9	4	10.2	89.4		77.7				
207.10.90	Suisun Bay	WST	White Sturgeon	02/19/93	6	6-8	4042.0	812.0	79.3		52.4			
207.23.01	Suisun Sl/d/s Cordelia Slough	STF	Starry Flounder	09/09/92	2	1	58.2	168.0	91.0		NA		0.84	
207.32.06	Walnut Creek	GSF	Green Sunfish	07/15/92	9	3-4	38.1	117.0	79.5		80.2		0.14	
207.32.06	Walnut Creek	GSF	Green Sunfish	08/26/93	14	3-4	38.2	118.0	79.3		78.3			
304.13.01	Soquel Creek	PCP	Prickly Sculpin	08/12/92	10	5-7	24.8	118.0	79.9		77.0		0.68	
305.10.00	Watsonville Sl/Estuary	STG	Pacific Staghorn Sculpin	08/12/92	26	1-2	18.0	109.0	80.4		67.2		0.31	
309.10.05	Salinas R/Blanco Drain	HCH	Hitch	08/11/92	12	0	6.9	90.0		76.7			0.03	
309.81.04	Klau Mine Pond	BG	Bluegill	08/10/93	6	3-6	112.6	168.0	81.8		76.6			
309.81.05	BLM Res/Buena Vista Mine	BG	Bluegill	08/10/93	12	3-4	94.3	157.0	79.7		81.0			
309.82.04	Lake Nacimiento/Dip Cr	LMB	Largemouth Bass	08/06/92	4	1-2	220.7	225.0	79.1		NA			
309.82.08	Lake Nacimiento/Las Tablas	LMB	Largemouth Bass	08/12/93	6	2-3	485.5	306.0	78.8		77.0			
310.22.02	Chorro Cr/Lower	CKF	California Killifish	08/05/92	25	NA	3.8	62.2		77.9			2.30	
310.22.02	Chorro Cr/Lower	CKF	California Killifish	08/05/92	25	NA	3.9	61.9		77.4			2.41	
310.22.09	Chorro Cr/d/s Water Treat Plant	STB	Threespine Stickleback	08/04/92	60	1-2	1.5	50.1		79.5			1.75	
310.22.13	Chorro Cr/u/s Chorro Reservoir	SH	Steelhead Rainbow Trout	08/08/92	6	0-1	107.5	194.0	73.4		76.0		4.25	
310.23.00	Sweet Springs Marsh/Los Osos	STB	Threespine Stickleback	08/05/92	28	1-2	1.9	54.4		76.8			2.35	
310.23.01	Los Osos Cr/d/s Los Osos	CKF	California Killifish	08/05/92	41	NA	2.4	54.9		78.0			1.25	
310.23.06	Los Osos Cr/u/s Los Osos	RBT	Rainbow Trout	08/05/92	6	1-2	110.0	198.0	74.9		79.2		3.56	
310.32.00	Small Twin Lake	LMB	Largemouth Bass	08/12/93	11	2	221.7	241.0	79.3		80.3		0.12	
310.32.00	Small Twin Lake	LMB	Largemouth Bass	08/12/93	10	2	210.7	236.0	79.3		79.0		0.15	
310.32.01	Oso Flaco Lake	BG	Bluegill	08/12/93	11	4-6	151.3	171.0	82.1		80.8		0.06	
310.32.01	Oso Flaco Lake	BG	Bluegill	08/12/93	10	4-6	150.3	168.0	82.4		81.3		0.09	
312.10.00	Santa Maria R/Mouth	STF	Starry Flounder	08/04/92	18	0	5.4	71.8		84.4			1.63	
402.10.00	Ventura River Estuary	SSP	Shiner Perch	06/21/93	9	2	26.5	106.0	78.9		77.9		0.12	

\* Weight and Size are either individual or mean values as indicated by sample number. Size = the fork length of fish, total length of other organisms.

\*\* F = Filet. L = Liver. W = Whole Body.

NA = Not Analyzed. Missing data indicate data not applicable to the sample or the analysis.

**APPENDIX D (continued)**  
 Toxic Substances Monitoring Program  
 Summary of 1992-93 Species Data

Station Number	Station Name	Species Code	Common Name	Sample Date	Sample Number	Age (Yr.)	Weight* (g)	Size* (mm)	Percent Water			Percent Lipid	
									F**	W**	L**	F**	W**
402.20.02	Casitas Lake	LMB	Largemouth Bass	06/03/92	6	2	486.4	286.0	78.8		76.9	0.52	
402.20.12	Ventura R/Ojai	AC	Arroyo Chub	06/21/93	16	1-2	5.2	66.9		75.1			7.43
403.11.03	Oxnard Drainage Ditch 2	GF	Goldfish	06/23/93	3	2	260.0	206.0	75.8			4.13	
403.11.04	Revolon Slough	GF	Goldfish	06/02/92	7	0-1	69.6	140.0	79.3			1.09	
403.11.04	Revolon Slough	FHM	Fathead Minnow	06/20/93	22	1-2	3.0	58.0		76.1			5.26
403.11.91	Mugu Lagoon	GSS	Gray Smoothhound Shark	06/04/92	8	NA	1253.4	743.0	76.3		57.3	0.09	
403.11.91	Mugu Lagoon	GSS	Gray Smoothhound Shark	06/23/93	6	NA	1196.4	720.0	77.2		57.3	0.17	
403.12.06	Calleguas Creek	FHM	Fathead Minnow	06/02/92	23	0-2	4.3	68.4		79.3			2.33
403.12.06	Calleguas Creek	FHM	Fathead Minnow	06/20/93	37	1	1.9	52.5		78.2			4.49
403.12.07	Conejo Creek	FHM	Fathead Minnow	06/02/92	61	0-1	0.9	42.9		79.4			3.79
403.12.07	Conejo Creek	FHM	Fathead Minnow	06/02/92	60	0-1	1.0	42.8		79.2			4.27
403.21.05	Santa Clara R/Santa Paula	AC	Arroyo Chub	06/29/92	24	NA	3.7	62.0		74.9			7.66
403.51.05	Santa Clara R/Valencia	AC	Arroyo Chub	09/15/92	10	NA	8.9	79.5		67.2			14.10
403.51.05	Santa Clara R/Valencia	AC	Arroyo Chub	09/15/92	11	NA	8.6	78.5		66.8			15.20
403.64.03	Arroyo Conejo/d/s Forks	BLB	Black Bullhead	06/23/93	6	2-5	241.8	243.0	81.1		81.2	0.88	
404.21.00	Malibu Lagoon	STG	Pacific Staghorn Sculpin	06/22/93	18	1	5.2	71.8		79.8			3.72
404.21.04	Malibu Cr/Tapia Park	AC	Arroyo Chub	06/03/92	15	NA	5.4	68.6		74.3			7.00
404.21.07	Malibou Lake	LMB	Largemouth Bass	04/23/92	6	3-4	1037.1	371.0	79.6		78.2	0.14	
404.23.04	Lindero Lake	LMB	Largemouth Bass	04/22/92	6	2	361.6	270.0	78.5		78.2	0.14	
404.25.01	Westlake Lake	LMB	Largemouth Bass	04/21/92	6	2-3	526.5	307.0	78.8		76.5	0.15	
404.26.01	Sherwood Lake	LMB	Largemouth Bass	04/21/92	6	2	377.3	286.0	78.9		76.2	0.19	
405.12.02	Dominguez Channel	WCK	White Croaker	06/28/92	1	NA	248.8	253.0	79.0		70.2	1.41	
405.12.04	Colorado Lagoon	YFC	Yellowfin Croaker	06/27/92	6	NA	704.0	350.0	73.8		56.4	3.11	
405.12.90	Harbor Park Lake	LMB	Largemouth Bass	04/26/92	6	2	474.8	294.0	79.5		78.4	0.31	
405.12.90	Harbor Park Lake	CP	Carp	06/19/93	6	4-7	3281.0	529.0	72.3			8.97	
405.12.91	Simms Pond	BLB	Black Bullhead	05/20/93	6	2-3	78.1	172.0	82.0		81.0	0.39	
405.13.00	Marina del Rey	WCK	White Croaker	06/22/93	6	NA	148.0	218.0	75.7		66.8	4.07	
405.13.01	Ballona Creek	MUL	Striped Mullet	06/22/93	1	6	3154.0	600.0	71.0		65.7	9.86	
405.13.03	Ballona Wetlands	LJM	Longjaw Mudsucker	06/19/93	17	2	40.5	139.0	81.1		48.5	0.22	
405.15.02	El Dorado Park Lake	LMB	Largemouth Bass	04/26/92	6	3-4	948.8	378.0	79.3		76.9	0.41	
405.15.04	San Gabriel River	TLM	Mozambique Tilapia	06/26/92	16	0	50.8	128.0	78.6		74.1	0.67	
405.15.04	San Gabriel River	TLM	Mozambique Tilapia	05/20/93	8	1	110.8	166.0	78.5		75.6	0.12	
405.15.24	Echo Park Lake	LMB	Largemouth Bass	04/24/92	6	2-3	581.8	315.0	79.3		76.3	0.22	
405.15.91	San Gabriel R/Coyote Cr	TLM	Mozambique Tilapia	06/26/92	16	0	21.4	96.0	79.1		75.4	0.47	
405.15.97	Belvedere Park Lake	FHM	Fathead Minnow	04/25/92	21	0-2	4.4	68.4		78.4			3.26

\* Weight and Size are either individual or mean values as indicated by sample number. Size = the fork length of fish, total length of other organisms.

\*\* F = Filet. L = Liver. W = Whole Body.

NA = Not Analyzed. Missing data indicate data not applicable to the sample or the analysis.

**APPENDIX D (continued)**  
 Toxic Substances Monitoring Program  
 Summary of 1992-93 Species Data

Station Number	Station Name	Species Code	Common Name	Sample Date	Sample Number	Age (Yr.)	Weight* (g)	Size* (mm)	Percent Water			Percent Lipid	
									F**	W**	L**	F**	W**
405.15.99	Lincoln Park Lake	LMB	Largemouth Bass	04/24/92	3	2-3	613.2	320.0	79.5			78.6	0.13
405.21.03	Calabazas Lake	LMB	Largemouth Bass	04/22/92	6	3-4	726.0	358.0	80.5			77.5	0.09
405.21.06	Los Angeles R/Los Feliz Rd	FHM	Fathead Minnow	06/28/92	28	0-1	2.2	54.5			79.6		4.21
405.21.16	Los Angeles R/Sepulveda Basin	FHM	Fathead Minnow	06/28/92	46	0-1	1.4	49.4			77.4		4.41
405.41.01	Legg Lake	LMB	Largemouth Bass	04/25/92	6	2-3	496.7	300.0	79.6			77.5	0.19
405.41.08	Peck Road Lake	LMB	Largemouth Bass	04/27/92	13	1	68.5	160.0	79.4			79.9	0.17
405.41.11	Santa Fe Dam Park	LMB	Largemouth Bass	04/27/92	6	2-3	638.8	329.0	79.5			78.0	0.21
405.52.01	Puddingstone Res	LMB	Largemouth Bass	04/28/92	6	3-4	1268.7	386.0	77.9			76.6	1.33
508.10.42	Sacramento R/Keswick	RBT	Rainbow Trout	10/27/92	6	3-5	760.0	389.0	75.8			79.6	
508.10.42	Sacramento R/Keswick	RBT	Rainbow Trout	10/14/93	6	1-2	323.8	295.0	78.7			81.1	
510.00.30	Sacramento R/Hood	WCF	White Catfish	11/04/92	1	7	258.8	262.0	80.5				
510.00.30	Sacramento R/Hood	WCF	White Catfish	11/04/92	1	8	316.4	272.0	79.6				
510.00.30	Sacramento R/Hood	WCF	White Catfish	11/04/92	1	7	311.4	265.0	79.1				
510.00.30	Sacramento R/Hood	WCF	White Catfish	11/04/92	1	3	101.9	195.0	78.2				
510.00.30	Sacramento R/Hood	WCF	White Catfish	11/04/92	1	8	327.8	271.0	79.8				
510.00.30	Sacramento R/Hood	WCF	White Catfish	11/04/92	1	8	329.1	273.0	79.8				
510.00.30	Sacramento R/Hood	WCF	White Catfish	11/04/92	1	8	320.3	271.0	81.2				
510.00.30	Sacramento R/Hood	WCF	White Catfish	11/04/92	6	7-8	327.8	271.0	79.5				3.72
510.00.30	Sacramento R/Hood	WCF	White Catfish	11/04/92	1	8	361.9	272.0	77.4				
510.00.30	Sacramento R/Hood	WCF	White Catfish	11/04/92	1	4	227.1	246.0	77.4				
510.00.30	Sacramento R/Hood	WCF	White Catfish	11/04/92	1	6	274.6	256.0	74.7				
510.00.30	Sacramento R/Hood	CCF	Channel Catfish	11/17/93	1	5	264.1	295.0	77.8			78.3	3.99
510.00.30	Sacramento R/Hood	WCF	White Catfish	11/17/93	6	5-9	304.6	267.0	79.8			77.2	2.30
519.21.09	American R/d/s Watt Ave Brg	LMB	Largemouth Bass	11/05/93	3	3-5	993.7	365.0	79.8			79.0	
519.22.90	Feather R/d/s HWY 99 Brg	CCF	Channel Catfish	10/26/93	6	9-13	1856.0	513.0	68.7			78.4	
541.20.07	Salt Slough	WCF	White Catfish	10/27/93	4	1-3	40.1	147.0	80.1				
541.20.16	Mud Slough	WCF	White Catfish	10/28/93	6	3	92.3	187.0	82.4				
544.00.90	San Joaquin R/Mossdale	LMB	Largemouth Bass	11/09/92	6	2-4	701.2	326.0	79.4				0.17
544.00.90	San Joaquin R/Mossdale	BG	Bluegill	11/16/93	10	3-4	80.9	146.0	79.4			78.8	
544.00.90	San Joaquin R/Mossdale	LMB	Largemouth Bass	11/16/93	6	3-4	794.2	339.0	79.5			76.1	0.15
553.44.01	Lake Kaweah	LMB	Largemouth Bass	09/01/93	7	2-3	427.4	276.0	78.6			73.8	
558.90.08	Kern R/Bakersfield	LMB	Largemouth Bass	09/01/93	6	3	727.9	328.0	80.5				
601.00.92	June Lake	BN	Brown Trout	08/25/92	1	6-8	4410.0	680.0	81.3			81.0	
601.00.92	June Lake	TC	Tui Chub	09/22/93	1	4	133.2	212.0	81.0				
603.10.10	Convict Lake	BN	Brown Trout	08/27/92	3	1-2	74.2	185.0	78.4			NA	

D-5

\* Weight and Size are either individual or mean values as indicated by sample number. Size = the fork length of fish, total length of other organisms.

\*\* F = Filet. L = Liver. W = Whole Body.

NA = Not Analyzed. Missing data indicate data not applicable to the sample or the analysis.

**APPENDIX D (continued)**  
 Toxic Substances Monitoring Program  
 Summary of 1992-93 Species Data

Station Number	Station Name	Species Code	Common Name	Sample Date	Sample Number	Age (Yr.)	Weight* (g)	Size* (mm)	Percent Water			Percent Lipid	
									F**	W**	L**	F**	W**
603.10.17	Hot Cr/d/s Hatchery	BN	Brown Trout	08/26/92	6	2-3	306.9	286.0	74.5		80.0		
603.10.21	Mammoth Creek	BN	Brown Trout	08/26/92	6	2-3	170.1	241.0	76.9		82.2		
603.20.35	McGee Creek	BN	Brown Trout	08/26/92	9	1-2	70.1	181.0	79.7		82.8		
603.20.35	McGee Creek	BN	Brown Trout	09/22/93	6	2-3	61.0	167.0	78.2		82.0		
603.30.05	Haiwee Reservoir	LMB	Largemouth Bass	09/23/93	6	2	161.9	212.0	79.6		75.5		
626.80.03	Little Rock Creek Res	GSH	Golden Shiner	09/15/92	16	0-1	5.9	84.8		73.1			
630.20.90	Bodie Cr/Flying M Club	LCT	Lahontan Cutthroat Trout	08/25/92	4	2-3	303.8	288.0	77.2		81.0		
630.30.10	Virginia Cr/Dog Town	BN	Brown Trout	08/24/92	10	1-2	41.8	150.0	77.1		77.9		
630.30.13	Robinson Creek	BN	Brown Trout	08/24/92	8	1	58.9	163.0	76.5		80.5		
634.10.01	Trout Cr/Tahoe/d/s Meeks Lumber	BN	Brown Trout	10/22/93	1	2	38.9	152.0	78.8		NA		
634.10.01	Trout Cr/Tahoe/d/s Meeks Lumber	SKR	Sucker	10/22/93	12	1	6.0	80.9		75.7			4.04
634.10.04	Trout Cr/Tahoe/u/s Meeks Lumber	BN	Brown Trout	10/22/93	7	3-4	164.7	231.0	78.0		80.6	1.10	
634.30.00	Lake Tahoe/Homewood	BN	Brown Trout	10/23/92	2	4-6	2274.0	525.0	76.1		80.2		
635.20.04	Donner Lake	LT	Lake Trout	09/16/93	6	6-8	1723.1	497.0	73.6			6.36	
635.20.09	Trout Cr/Truckee/d/s Meeks Lumb	RBT	Rainbow Trout	09/16/93	3	1	100.0	189.0	75.5		79.1		
635.20.10	Trout Cr/Truckee/u/s Meeks Lumb	RBT	Rainbow Trout	09/16/93	6	0-1	55.4	154.0	76.4		78.8		
636.00.90	Boca Reservoir	RBT	Rainbow Trout	10/23/92	7	1-2	324.0	287.0	77.5		78.8	0.80	
637.40.14	Willow Cr/HWY 139	TC	Tui Chub	09/04/92	17	0-1	5.5	74.8		77.5			4.40
713.30.90	Colorado R/Needles	LMB	Largemouth Bass	09/23/92	2	2-5	1046.8	378.0	79.1		81.8	0.17	
715.40.08	Palo Verde Outfall Drain	CP	Carp	09/22/92	6	2-4	1437.4	409.0	76.0			4.14	
715.40.08	Palo Verde Outfall Drain	FCF	Flathead Catfish	09/22/92	6	2-3	777.3	382.0	80.4		82.3	0.72	
715.50.90	Colorado R/u/s Imperial Dam	LMB	Largemouth Bass	09/21/92	8	2-5	1054.9	362.0	78.2		78.6	0.52	
719.47.00	Coachella Valley Stormwater Ch	PRS	Red Shiner	09/16/92	30	1-2	1.8	55.8		78.1			2.02
723.10.01	Alamo R/Calipatria	SST	Spiny Soft Shelled Turtle	09/20/92	2	NA	532.2	173.0	80.5		73.0	0.55	
723.10.01	Alamo R/Calipatria	CP	Carp	09/29/93	2	4	2572.7	488.0	75.0			4.93	
723.10.02	New R/Westmorland	CCF	Channel Catfish	09/20/92	1	4-5	1038.7	430.0	78.0		80.1	0.03	
723.10.02	New R/Westmorland	SST	Spiny Soft Shelled Turtle	09/20/92	2	NA	624.3	192.0	80.8		80.0	0.25	
723.10.02	New R/Westmorland	CCF	Channel Catfish	09/29/93	1	6	785.1	399.0	75.9		79.2	4.76	
723.10.16	Alamo R/Brawley	CCF	Channel Catfish	09/30/93	3	3-4	108.3	217.0	81.4		80.5	0.38	
723.10.27	Alamo R/Holtville	CP	Carp	09/30/93	3	1	72.5	156.0	NA			0.93	
723.10.28	Peach Drain	MOL	Sailfin Molly	09/17/92	18	0-1	3.4	55.5		72.8			5.78
723.10.31	South Central Drain	SST	Spiny Soft Shelled Turtle	09/18/92	6	NA	1426.0	230.0	81.1		80.8	0.10	
723.10.32	Barbara Worth Drain	MOL	Sailfin Molly	09/17/92	10	0-1	9.7	76.7		72.5			4.49
723.10.48	Greeson Drain	TLZ	Redbelly Tilapia	09/18/92	5	0-1	88.9	161.0	78.2		75.6	0.25	
723.10.48	Greeson Drain	SST	Spiny Soft Shelled Turtle	09/18/92	2	NA	666.0	200.0	78.8		76.6	1.44	

\* Weight and Size are either individual or mean values as indicated by sample number. Size = the fork length of fish, total length of other organisms.

\*\* F = Filet. L = Liver. W = Whole Body.

NA = Not Analyzed. Missing data indicate data not applicable to the sample or the analysis.

**APPENDIX D (continued)**  
 Toxic Substances Monitoring Program  
 Summary of 1992-93 Species Data

Station Number	Station Name	Species Code	Common Name	Sample Date	Sample Number	Age (Yr.)	Weight* (g)	Size* (mm)	Percent Water			Percent Lipid	
									F**	W**	L**	F**	W**
723.10.58	New R/Inter Boundary	CP	Carp	06/16/93	3	4	1958.8	468.0	72.5				8.64
727.00.03	Reservation Main Drain	CCF	Channel Catfish	09/21/92	7	2-4	178.7	239.0	80.7		81.7		1.38
801.11.00	Huntington Harbour/Anaheim Bay	BP	Black Perch	06/07/92	3	2-5	421.1	241.0	76.7		56.8		1.61
801.11.00	Huntington Harbour/Anaheim Bay	BSP	Barred Surfperch	06/18/93	2	5	326.2	226.0	78.4		70.2		0.86
801.11.04	San Diego Cr/Upper Newport Bay	CKF	California Killifish	05/19/93	9	1	10.3	84.6		79.2			0.82
801.11.04	San Diego Cr/Upper Newport Bay	CKF	California Killifish	05/19/93	10	1	9.6	81.6		78.2			1.04
801.11.07	San Diego Cr/Michelson Dr	PRS	Red Shiner	06/06/92	30	1-2	3.2	60.7		75.2			5.77
801.11.07	San Diego Cr/Michelson Dr	PRS	Red Shiner	05/19/93	27	2	2.9	58.6		73.5			8.70
801.11.09	San Diego Cr/Barranca Pkwy	PRS	Red Shiner	06/06/92	36	1-2	2.7	59.0		73.6			6.71
801.11.09	San Diego Cr/Barranca Pkwy	PRS	Red Shiner	05/19/93	30	2	2.9	59.0		74.2			5.79
801.11.96	Peters Canyon Channel	PRS	Red Shiner	06/07/92	34	1-2	2.0	52.4		74.0			5.63
801.11.96	Peters Canyon Channel	PRS	Red Shiner	05/19/93	32	2	3.0	59.7		76.7			5.35
801.11.97	Newport Bay	BP	Black Perch	06/08/92	1	2-5	231.2	210.0	78.7		NA		0.23
801.13.00	Santa Ana R/Imperial HWY Brg	SAKR	Santa Ana Sucker	05/18/93	225	0	0.4	32.1		83.7			2.73
801.25.00	Santa Ana R/Prado Dam	YB	Yellow Bullhead	06/05/92	11	2-3	75.5	173.0	81.4		80.6		0.61
801.25.00	Santa Ana R/Prado Dam	BLB	Black Bullhead	05/18/93	6	2-3	162.9	214.0	81.5		80.9		0.83
801.26.03	Anza Channel	FHM	Fathead Minnow	06/06/92	23	0-2	3.9	66.9		76.1			4.57
801.26.03	Anza Channel	FHM	Fathead Minnow	06/06/92	22	0-2	4.2	68.2		76.9			3.78
801.26.03	Anza Channel	FHM	Fathead Minnow	05/18/93	46	1	0.8	40.4		77.2			
801.71.10	Big Bear Lake	LMB	Largemouth Bass	06/05/92	7	2-3	271.5	239.0	79.5		80.7		
901.20.00	San Juan Cr/Doheny State Park	PRS	Red Shiner	06/17/93	26	2	3.2	62.8		73.4			5.24
902.22.03	Rainbow Creek	AC	Arroyo Chub	06/24/92	28	NA	3.6	62.8		74.3			5.97
902.23.01	Rainbow Cr/HWY 15	GAM	Mosquitofish	06/15/93	20	1-2	2.1	52.8		76.8			2.12
903.12.07	San Luis Rey R/HWY 15	LMB	Largemouth Bass	06/24/92	18	1-2	104.4	181.0	80.9		81.1		0.11
903.21.01	San Luis Rey R/Panky Rd	LMB	Largemouth Bass	06/24/92	1	2	244.6	240.0	80.1		NA		0.22
904.51.04	San Marcos Cr/Gibraltar	BG	Bluegill	06/16/93	14	3	31.9	109.0	78.1		81.4		0.31
904.52.07	Lake San Marcos	LMB	Largemouth Bass	06/17/93	6	3-4	825.5	356.0	80.0		77.9		0.20
904.61.04	Escondido Cr/Camino Del Norte	CP	Carp	06/10/92	16	1	4.8	68.7		82.8			0.43
904.61.07	Escondido Cr/Elfin Forest Park	GSF	Green Sunfish	06/10/92	15	2-3	34.2	111.0	79.5		81.1		0.13
904.62.04	Escondido Cr/County Club Dr	GSF	Green Sunfish	06/10/92	9	3-4	64.0	132.0	80.2		81.1		0.13
905.11.00	San Dieguito Lagoon	STG	Pacific Staghorn Sculpin	06/16/93	14	2	17.0	108.0	80.1				
906.20.07	Los Penasquitos Cr/HWY 15	GSF	Green Sunfish	06/15/93	5	2-3	41.5	121.0	80.1		80.2		0.12
907.11.00	Famosa Slough	LJM	Longjaw Mudsucker	06/16/93	20	1	4.8	74.1		79.1			0.82
907.11.05	San Diego R/Mission Center Dr	WCR	White Crappie	06/24/92	21	2	48.2	137.0	81.7		83.5		0.06
907.12.07	Lindo Lake	GSH	Golden Shiner	12/06/93	8	2	9.4	102.0		75.4			1.91

\* Weight and Size are either individual or mean values as indicated by sample number. Size = the fork length of fish, total length of other organisms.

\*\* F = Filet. L = Liver. W = Whole Body.

NA = Not Analyzed. Missing data indicate data not applicable to the sample or the analysis.

**APPENDIX D (continued)**  
 Toxic Substances Monitoring Program  
 Summary of 1992-93 Species Data

Station Number	Station Name	Species Code	Common Name	Sample Date	Sample Number	Age (Yr.)	Weight* (g)	Size* (mm)	Percent			Percent Lipid	
									F**	W**	L**	F**	W**
907.13.01	Forester Cr/Billy Mitchel Rd	GSF	Green Sunfish	06/09/92	7	3-4	55.1	125.0	79.6		77.7	0.10	
909.12.01	Sweetwater Marsh	LJM	Longjaw Mudsucker	06/09/92	15	1-2	6.3	80.1		80.7			0.65
911.11.00	Tijuana Estuary	LJM	Longjaw Mudsucker	06/09/92	17	1-2	4.0	68.1		80.1			0.60

\* Weight and Size are either individual or mean values as indicated by sample number. Size = the fork length of fish, total length of other organisms.  
 \*\* F = Filet. L = Liver. W = Whole Body.  
 NA = Not Analyzed. Missing data indicate data not applicable to the sample or the analysis.