

APPENDIX L

**Summary of 1991 Data
Trace Elements in Fish, Crayfish, and Turtles
(ppm, wet weight)**

APPENDIX L
Toxic Substances Monitoring Program
Summary of 1991 Data: Trace Elements in Fish, Crayfish, and Turtles
(ppm, wet weight)

Station Number	Station Name	Species Code	Tissue	Sample Date	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc
105.36.10	Klamath R/d/s Iron Gate Res	DC	W	09/19/91	0.07	<0.01	<0.02	0.97	<0.10	0.06	<0.10	0.15	<0.02	51.00
105.50.04	Shasta River	DC	W	09/19/91	0.06	<0.01	0.03	1.20	<0.10	0.19	0.10	0.22	<0.02	62.00
105.50.35	Beaughton Cr/d/s HWY 97 Brg	BN	F	09/19/91	NA	NA	NA	NA	NA	<0.02	NA	0.11	NA	NA
105.50.35	Beaughton Cr/d/s HWY 97 Brg	BN	L	09/19/91	<0.05	0.03	<0.02	52.00	<0.10	NA	<0.10	NA	0.17	27.00
105.92.01	Lost R/Tule Lake	TC	W	09/20/91	0.12	<0.01	0.03	0.78	<0.10	<0.02	<0.10	0.15	<0.02	25.00
105.92.01	Lost R/Tule Lake	TC	W	09/20/91	0.13	<0.01	<0.02	0.86	<0.10	<0.02	<0.10	0.14	<0.02	28.00
106.12.03	Trinity R/Willow Creek	SCP	F	09/16/91	NA	NA	NA	NA	NA	0.23	NA	0.31	NA	NA
106.12.03	Trinity R/Willow Creek	SCP	L	09/16/91	0.10	0.18	<0.02	2.90	<0.10	NA	<0.10	NA	<0.02	40.00
106.40.16	Trinity R/East Fork	RBT	F	09/18/91	NA	NA	NA	NA	NA	0.13	NA	0.14	NA	NA
106.40.16	Trinity R/East Fork	RBT	L	09/18/91	<0.05	0.04	0.03	13.00	<0.10	NA	0.19	NA	0.15	23.00
110.00.90	McDaniel Slough	STB	W	09/16/91	0.36	<0.01	0.22	3.60	<0.10	0.05	0.40	0.22	0.03	37.00
110.00.90	McDaniel Slough	STB	W	09/16/91	0.35	<0.01	0.13	3.80	<0.10	0.04	0.30	0.22	0.03	38.00
111.63.14	Lake Pillsbury	LMB	F	09/10/91	NA	NA	NA	NA	NA	0.79	NA	0.36	NA	NA
111.63.14	Lake Pillsbury	LMB	L	09/10/91	0.07	0.19	<0.02	13.00	<0.10	NA	<0.10	NA	<0.02	28.00
114.11.05	Russian R/Duncans Mills	PCP	W	07/17/91	0.16	<0.01	0.09	1.00	<0.10	0.26	1.20	0.21	<0.02	5.60
114.24.12	Lake Sonoma	LMB	F	09/09/91	NA	NA	NA	NA	NA	0.87	NA	NA	NA	NA
114.32.00	Lake Mendocino	LMB	F	09/09/91	NA	NA	NA	NA	NA	0.32	NA	NA	NA	NA
115.30.02	Estero de San Antonio	PCP	F	07/16/91	NA	NA	NA	NA	NA	0.29	NA	NA	NA	NA
115.30.02	Estero de San Antonio	PCP	L	07/16/91	0.40	0.02	<0.02	3.20	<0.10	NA	<0.10	NA	<0.02	35.00
115.30.04	Estero Americano	STG	W	07/16/91	NA	NA	NA	2.00	NA	0.06	NA	NA	NA	NA
115.30.04	Estero Americano	STG	W	07/16/91	NA	NA	NA	2.40	NA	0.06	NA	NA	NA	NA
201.12.01	Walker Creek	STG	W	07/16/91	0.30	<0.01	0.21	2.30	<0.10	0.16	0.20	0.24	<0.02	12.00
204.30.11	Alameda Cr/Niles Canyon Rd	SCP	W	07/09/91	0.15	0.01	0.12	1.90	<0.10	0.09	0.20	0.48	<0.02	17.00
205.50.94	Stevens Creek	RBT	F	07/09/91	NA	NA	NA	NA	NA	0.27	NA	0.88	NA	NA
205.50.94	Stevens Creek	RBT	L	07/09/91	<0.05	0.03	0.04	44.00	<0.10	NA	<0.10	NA	0.32	24.00
206.50.14	Napa R/Napa	HCH	F	07/11/91	NA	NA	NA	NA	NA	0.29	NA	0.23	NA	NA
207.10.90	Suisun Bay	WST	F	01/12/92	NA	NA	NA	NA	NA	0.20	NA	2.40	NA	NA
207.10.90	Suisun Bay	WST	L	01/12/92	1.50	1.00	0.05	51.00	<0.10	NA	1.20	NA	0.80	63.00
207.32.06	Walnut Creek	GSF	F	07/10/91	NA	NA	NA	NA	NA	0.34	NA	0.23	NA	NA
207.32.06	Walnut Creek	GSF	L	07/10/91	<0.05	0.08	<0.02	1.70	<0.10	NA	<0.10	NA	<0.02	21.00
304.12.90	Schwann Lake	LMB	W	08/07/91	0.08	<0.01	<0.02	0.77	0.10	0.04	<0.10	0.15	<0.02	31.00
304.12.91	Neary's Lake	SSKR	F	08/06/91	NA	NA	NA	NA	NA	0.12	NA	0.30	NA	NA

L = Liver.

F = Filet.

W = Whole Body.

< = Below Indicated Detection Limit.

NA = Not Analyzed.

Species codes are listed in Tables 2, 3, and 4.

APPENDIX L (continued)
 Toxic Substances Monitoring Program
 Summary of 1991 Data: Trace Elements in Fish, Crayfish, and Turtles
 (ppm, wet weight)

Station Number	Station Name	Species Code	Tissue	Sample Date	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc
304.13.90	Corcoran Lagoon	STG	F	08/07/91	NA	NA	NA	NA	NA	0.08	NA	0.16	NA	NA
304.13.90	Corcoran Lagoon	STG	L	08/07/91	1.00	0.04	<0.02	8.30	<0.10	NA	<0.10	NA	<0.02	44.00
304.13.91	Moran Lake	STB	W	08/06/91	0.98	0.01	0.04	4.00	0.20	0.06	<0.10	0.16	0.02	61.00
304.13.92	Aptos Creek	PCP	W	08/07/91	0.06	0.03	0.06	0.98	<0.10	0.14	<0.10	0.53	<0.02	17.00
307.00.01	Carmel Lagoon	STB	W	08/01/91	0.25	0.04	0.04	3.90	<0.10	0.18	<0.10	0.98	0.02	44.00
307.00.01	Carmel Lagoon	STB	W	08/01/91	0.25	0.04	0.06	3.40	<0.10	0.17	<0.10	0.93	0.02	39.00
309.10.01	Roberts Lake	SP	F	08/01/91	NA	NA	NA	NA	NA	0.07	NA	0.15	NA	NA
309.10.01	Roberts Lake	SP	L	08/01/91	<0.05	0.09	<0.02	2.20	<0.10	NA	<0.10	NA	<0.02	14.00
309.50.01	El Estero	BG	F	08/02/91	NA	NA	NA	NA	NA	0.10	NA	0.36	NA	NA
309.50.01	El Estero	BG	L	08/02/91	<0.05	0.80	<0.02	1.70	<0.10	NA	<0.10	NA	<0.02	22.00
309.82.04	Lake Nacimiento/Dip Cr	WHB	F	07/31/91	NA	NA	NA	NA	NA	1.20	NA	0.98	NA	NA
309.82.04	Lake Nacimiento/Dip Cr	WHB	L	07/31/91	0.99	0.20	0.02	150.00	<0.10	NA	<0.10	NA	0.48	29.00
309.82.08	Lake Nacimiento/Las Tablas	WHB	F	07/31/91	NA	NA	NA	NA	NA	1.30	NA	0.97	NA	NA
309.82.08	Lake Nacimiento/Las Tablas	WHB	L	07/31/91	1.10	0.19	<0.02	200.00	<0.10	NA	<0.10	NA	0.68	28.00
402.10.02	Ventura River	CP	W	06/20/91	<0.05	0.05	0.07	0.82	<0.10	0.03	<0.10	0.54	<0.02	43.00
403.11.91	Mugu Lagoon	GSS	F	06/17/91	NA	NA	NA	NA	NA	0.55	NA	0.39	NA	NA
403.11.91	Mugu Lagoon	GSS	L	06/17/91	20.90	3.50	0.02	3.40	<0.10	NA	<0.10	NA	0.67	14.00
403.12.07	Conejo Creek	GAM	W	06/19/91	<0.05	0.02	0.05	1.30	<0.10	0.09	<0.10	0.61	0.06	32.00
403.21.05	Santa Clara R/Santa Paula	SAKR	F	06/20/91	NA	NA	NA	NA	NA	0.04	NA	0.83	NA	NA
403.64.02	Arroyo Conejo	GSF	F	06/19/91	NA	NA	NA	NA	NA	0.19	NA	0.97	NA	NA
403.64.02	Arroyo Conejo	GSF	L	06/19/91	0.10	0.44	<0.02	1.70	<0.10	NA	<0.10	NA	<0.02	20.00
403.67.04	Arroyo Simi	FHM	W	06/19/91	0.07	0.04	0.34	0.90	<0.10	0.11	0.20	2.20	0.04	44.00
404.21.01	Malibu Creek	BG	F	06/18/91	NA	NA	NA	NA	NA	0.06	NA	1.10	NA	NA
404.21.01	Malibu Creek	BG	L	06/18/91	<0.05	0.64	<0.02	1.80	<0.10	NA	<0.10	NA	<0.02	23.00
404.21.07	Malibou Lake	LMB	F	04/23/91	0.06	NA	NA	NA	NA	0.09	NA	1.60	NA	NA
404.21.07	Malibou Lake	LMB	L	04/23/91	0.14	0.40	<0.02	33.00	<0.10	NA	<0.10	NA	<0.01	29.00
404.23.04	Lindero Lake	LMB	F	04/22/91	<0.05	NA	NA	NA	NA	0.14	NA	2.10	NA	NA
404.23.04	Lindero Lake	LMB	L	04/22/91	<0.05	0.26	<0.02	3.80	<0.10	NA	<0.10	NA	<0.01	21.00
404.25.01	Westlake Lake	LMB	F	04/23/91	<0.05	NA	NA	NA	NA	0.33	NA	1.60	NA	NA
404.25.01	Westlake Lake	LMB	L	04/23/91	<0.05	0.48	<0.02	12.00	<0.10	NA	<0.10	NA	<0.01	24.00
404.26.00	Eleanor Lake	BLB	L	04/22/91	<0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA
404.26.00	Eleanor Lake	GF	F	04/22/91	0.06	NA	NA	NA	NA	0.28	NA	0.08	NA	NA

L = Liver.

F = Filet.

W = Whole Body.

< = Below Indicated Detection Limit.

NA = Not Analyzed.

Species codes are listed in Tables 2, 3, and 4.

APPENDIX L (continued)
 Toxic Substances Monitoring Program
 Summary of 1991 Data: Trace Elements in Fish, Crayfish, and Turtles
 (ppm, wet weight)

Station Number	Station Name	Species Code	Tissue	Sample Date	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc
404.26.01	Sherwood Lake	LMB	F	04/22/91	0.05	NA	NA	NA	NA	0.70	NA	0.22	NA	NA
404.26.01	Sherwood Lake	LMB	L	04/22/91	0.08	0.13	<0.02	4.30	<0.10	NA	<0.10	NA	<0.01	21.00
405.12.00	Alamitos Bay	CCB	F	06/12/91	NA	NA	NA	NA	NA	0.05	NA	0.26	NA	NA
405.12.00	Alamitos Bay	CCB	L	06/12/91	1.60	0.15	<0.02	8.60	<0.10	NA	0.10	NA	0.08	26.00
405.15.02	El Dorado Park Lake	LMB	F	04/21/91	<0.05	NA	NA	NA	NA	0.47	NA	0.10	NA	NA
405.15.02	El Dorado Park Lake	LMB	L	04/21/91	0.10	0.03	<0.02	6.00	<0.10	NA	<0.10	NA	<0.01	23.00
405.15.04	San Gabriel River	TLM	F	06/16/91	NA	NA	NA	NA	NA	0.02	NA	0.49	NA	NA
405.15.04	San Gabriel River	TLM	L	06/16/91	0.20	0.07	0.06	7.90	<0.10	NA	0.20	NA	0.56	17.00
405.15.24	Echo Park Lake	LMB	F	04/19/91	0.06	NA	NA	NA	NA	0.15	NA	0.48	NA	NA
405.15.24	Echo Park Lake	LMB	L	04/19/91	0.08	0.07	<0.02	10.00	<0.10	NA	<0.10	NA	<0.01	24.00
405.15.97	Belvedere Park Lake	FHM	W	04/18/91	0.16	0.04	0.18	3.90	1.20	<0.02	<0.10	0.30	<0.01	45.00
405.15.97	Belvedere Park Lake	FHM	W	04/18/91	0.08	0.02	0.19	4.20	1.10	<0.02	0.10	0.30	<0.01	44.00
405.15.98	Hollenbeck Park Lake	PROI	W	04/18/91	0.12	<0.01	0.05	8.50	0.20	<0.02	<0.10	0.22	0.01	14.00
405.15.99	Lincoln Park Lake	LMB	F	04/18/91	<0.05	NA	NA	NA	NA	0.03	NA	0.42	NA	NA
405.15.99	Lincoln Park Lake	LMB	L	04/18/91	<0.05	0.03	<0.02	1.10	<0.10	NA	<0.10	NA	<0.01	15.00
405.21.03	Calabazas Lake	LMB	F	04/20/91	0.05	NA	NA	NA	NA	0.04	NA	0.25	NA	NA
405.21.03	Calabazas Lake	LMB	L	04/20/91	0.10	0.17	<0.02	17.00	<0.10	NA	<0.10	NA	<0.01	24.00
405.21.16	Los Angeles R/Sepulveda Basin	GF	F	05/15/91	NA	NA	NA	NA	NA	0.08	NA	0.51	NA	NA
405.41.01	Legg Lake	LMB	F	04/17/91	<0.05	NA	NA	NA	NA	0.07	NA	0.33	NA	NA
405.41.01	Legg Lake	LMB	L	04/17/91	0.06	0.03	<0.02	4.60	<0.10	NA	<0.10	NA	<0.01	22.00
405.41.08	Peck Road Lake	LMB	F	04/17/91	0.11	NA	NA	NA	NA	0.08	NA	0.32	NA	NA
405.41.08	Peck Road Lake	LMB	L	04/17/91	0.13	0.16	<0.02	2.00	<0.10	NA	<0.10	NA	<0.01	19.00
405.52.01	Puddingstone Res	LMB	F	06/11/91	NA	NA	NA	NA	NA	0.51	NA	0.21	NA	NA
405.52.01	Puddingstone Res	LMB	L	06/11/91	0.67	0.15	<0.02	6.50	<0.10	NA	<0.10	NA	<0.02	19.00
510.00.30	Sacramento R/Hood	WCF	F	10/11/91	NA	NA	NA	NA	NA	0.14	NA	NA	NA	NA
510.00.30	Sacramento R/Hood	PACI	F	10/21/91	0.18	0.05	0.02	13.00	<0.10	0.05	<0.10	0.15	0.03	14.00
510.00.30	Sacramento R/Hood	PACI	F	10/21/91	0.13	0.05	0.02	11.00	<0.10	0.07	<0.10	0.15	0.02	14.00
510.00.30	Sacramento R/Hood	PACI	F	10/21/91	0.20	0.06	0.09	9.50	<0.10	0.07	<0.10	0.14	0.02	13.00
510.00.30	Sacramento R/Hood	WCF	F	11/21/91	NA	NA	NA	NA	NA	0.43	NA	NA	NA	NA
510.00.30	Sacramento R/Hood	WCF	F	11/21/91	NA	NA	NA	NA	NA	0.30	NA	NA	NA	NA
510.00.30	Sacramento R/Hood	WCF	F	11/21/91	NA	NA	NA	NA	NA	0.54	NA	NA	NA	NA
515.40.31	Feather R/d/s Oroville Res	SKR	F	11/05/91	NA	NA	NA	NA	NA	0.34	NA	NA	NA	NA

L = Liver.

F = Filet.

W = Whole Body.

< = Below Indicated Detection Limit.

NA = Not Analyzed.

Species codes are listed in Tables 2, 3, and 4.

APPENDIX L (continued)
 Toxic Substances Monitoring Program
 Summary of 1991 Data: Trace Elements in Fish, Crayfish, and Turtles
 (ppm, wet weight)

Station Number	Station Name	Species Code	Tissue	Sample Date	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc
515.40.31	Feather R/d/s Oroville Res	SKR	F	11/05/91	NA	NA	NA	NA	NA	0.41	NA	NA	NA	NA
515.40.31	Feather R/d/s Oroville Res	SKR	F	11/05/91	NA	NA	NA	NA	NA	0.31	NA	NA	NA	NA
515.40.31	Feather R/d/s Oroville Res	SKR	F	11/05/91	NA	NA	NA	NA	NA	0.21	NA	NA	NA	NA
515.40.31	Feather R/d/s Oroville Res	SKR	F	11/05/91	NA	NA	NA	NA	NA	0.35	NA	NA	NA	NA
517.51.02	Yuba R/N.F./d/s Bullards Bar Res	SMB	F	10/15/91	NA	NA	NA	NA	NA	0.56	NA	NA	NA	NA
517.51.02	Yuba R/N.F./d/s Bullards Bar Res	SMB	F	10/15/91	NA	NA	NA	NA	NA	0.27	NA	NA	NA	NA
517.51.02	Yuba R/N.F./d/s Bullards Bar Res	SMB	F	10/15/91	NA	NA	NA	NA	NA	0.33	NA	NA	NA	NA
517.51.02	Yuba R/N.F./d/s Bullards Bar Res	SMB	F	10/15/91	NA	NA	NA	NA	NA	0.41	NA	NA	NA	NA
517.51.02	Yuba R/N.F./d/s Bullards Bar Res	SMB	F	10/15/91	NA	NA	NA	NA	NA	0.31	NA	NA	NA	NA
519.21.09	American R/d/s Watt Ave Brg	SSKR	F	10/16/91	NA	NA	NA	NA	NA	0.75	NA	NA	NA	NA
519.21.09	American R/d/s Watt Ave Brg	SSKR	F	10/16/91	NA	NA	NA	NA	NA	0.55	NA	NA	NA	NA
519.21.09	American R/d/s Watt Ave Brg	SSKR	F	10/16/91	NA	NA	NA	NA	NA	0.13	NA	NA	NA	NA
519.21.09	American R/d/s Watt Ave Brg	SSKR	F	10/16/91	NA	NA	NA	NA	NA	0.30	NA	NA	NA	NA
519.21.09	American R/d/s Watt Ave Brg	SSKR	F	10/16/91	NA	NA	NA	NA	NA	0.42	NA	NA	NA	NA
519.21.19	American R/d/s Folsom Res	LMB	F	10/03/91	NA	NA	NA	NA	NA	0.14	NA	NA	NA	NA
519.21.19	American R/d/s Folsom Res	LMB	F	10/03/91	NA	NA	NA	NA	NA	0.12	NA	NA	NA	NA
519.21.19	American R/d/s Folsom Res	LMB	F	10/03/91	NA	NA	NA	NA	NA	0.12	NA	NA	NA	NA
519.21.19	American R/d/s Folsom Res	LMB	F	10/03/91	NA	NA	NA	NA	NA	0.18	NA	NA	NA	NA
519.21.19	American R/d/s Folsom Res	LMB	F	10/03/91	NA	NA	NA	NA	NA	0.12	NA	NA	NA	NA
519.22.04	Sacramento R/u/s I-5 Overcross	PACI	F	10/11/91	0.24	0.18	0.06	10.00	<0.10	0.09	<0.10	0.16	<0.02	14.00
519.22.04	Sacramento R/u/s I-5 Overcross	PACI	F	10/11/91	0.22	0.21	0.09	12.00	0.20	0.08	0.10	0.16	<0.02	15.00
519.22.04	Sacramento R/u/s I-5 Overcross	PACI	F	10/11/91	0.20	0.15	0.04	9.60	<0.10	0.09	<0.10	0.14	<0.02	14.00
519.22.90	Feather R/d/s HWY 99 Brg	CCF	F	10/09/91	NA	NA	NA	NA	NA	0.24	NA	NA	NA	NA
519.22.90	Feather R/d/s HWY 99 Brg	CCF	F	10/09/91	NA	NA	NA	NA	NA	0.34	NA	NA	NA	NA
519.22.90	Feather R/d/s HWY 99 Brg	CCF	F	10/09/91	NA	NA	NA	NA	NA	0.18	NA	NA	NA	NA
519.22.90	Feather R/d/s HWY 99 Brg	CCF	F	10/09/91	NA	NA	NA	NA	NA	0.38	NA	NA	NA	NA
519.22.90	Feather R/d/s HWY 99 Brg	CCF	F	10/09/91	NA	NA	NA	NA	NA	0.27	NA	NA	NA	NA
541.10.90	San Joaquin R/Vernalis	CCF	F	10/30/91	NA	NA	NA	NA	NA	0.42	NA	NA	NA	NA
541.10.90	San Joaquin R/Vernalis	CCF	F	10/30/91	NA	NA	NA	NA	NA	0.09	NA	NA	NA	NA
541.10.90	San Joaquin R/Vernalis	CCF	F	10/30/91	NA	NA	NA	NA	NA	0.16	NA	NA	NA	NA
541.10.90	San Joaquin R/Vernalis	CCF	F	10/30/91	NA	NA	NA	NA	NA	0.12	NA	NA	NA	NA
541.10.90	San Joaquin R/Vernalis	CCF	F	10/30/91	NA	NA	NA	NA	NA	0.10	NA	NA	NA	NA

L = Liver.

F = Filet.

W = Whole Body.

< = Below Indicated Detection Limit.

NA = Not Analyzed.

Species codes are listed in Tables 2, 3, and 4.

APPENDIX L (continued)
 Toxic Substances Monitoring Program
 Summary of 1991 Data: Trace Elements in Fish, Crayfish, and Turtles
 (ppm, wet weight)

Station Number	Station Name	Species Code	Tissue	Sample Date	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc
541.10.90	San Joaquin R/Vernalis	CCF	F	10/30/91	NA	NA	NA	NA	NA	0.12	NA	NA	NA	NA
541.10.90	San Joaquin R/Vernalis	CCF	F	10/30/91	NA	NA	NA	NA	NA	0.09	NA	NA	NA	NA
541.10.90	San Joaquin R/Vernalis	CCF	F	10/30/91	NA	NA	NA	NA	NA	0.09	NA	NA	NA	NA
541.10.90	San Joaquin R/Vernalis	CCF	F	10/30/91	NA	NA	NA	NA	NA	0.10	NA	NA	NA	NA
541.10.90	San Joaquin R/Vernalis	CCF	F	10/30/91	NA	NA	NA	NA	NA	0.06	NA	NA	NA	NA
544.00.11	Franks Tract	PACI	F	10/21/91	0.23	0.05	<0.02	13.00	<0.10	0.06	<0.10	0.12	0.02	16.00
544.00.11	Franks Tract	PACI	F	10/21/91	0.22	0.06	0.02	11.00	<0.10	0.05	<0.10	0.12	0.02	15.00
544.00.11	Franks Tract	PACI	F	10/21/91	0.24	0.08	<0.02	8.30	<0.10	0.07	<0.10	0.13	0.02	16.00
601.00.02	Gull Lake	SP	F	07/24/91	NA	NA	NA	NA	NA	0.17	NA	1.00	NA	NA
601.00.02	Gull Lake	SP	L	07/24/91	0.27	0.10	0.02	2.40	<0.10	NA	<0.10	NA	<0.02	16.00
603.20.24	Bishop Creek Canal/d/s Bishop	BN	F	07/23/91	NA	NA	NA	NA	NA	0.12	NA	0.30	NA	NA
603.20.24	Bishop Creek Canal/d/s Bishop	BN	L	07/23/91	0.13	0.02	0.02	230.00	<0.10	NA	<0.10	NA	0.38	32.00
603.20.41	Sabrina Lake	BN	F	07/23/91	NA	NA	NA	NA	NA	0.10	NA	0.18	NA	NA
603.20.41	Sabrina Lake	BN	L	07/23/91	<0.05	0.07	0.08	19.00	<0.10	NA	<0.10	NA	0.36	26.00
603.30.05	Haiwee Reservoir	SMB	F	07/24/91	NA	NA	NA	NA	NA	0.12	NA	0.27	NA	NA
603.30.05	Haiwee Reservoir	SMB	L	07/24/91	0.43	0.44	<0.02	84.00	<0.10	NA	<0.10	NA	<0.02	34.00
626.80.03	Little Rock Creek Res	BLB	F	08/14/91	NA	NA	NA	NA	NA	0.28	NA	0.06	NA	NA
626.80.03	Little Rock Creek Res	BLB	F	08/14/91	NA	NA	NA	NA	NA	0.31	NA	0.07	NA	NA
626.80.03	Little Rock Creek Res	BLB	L	08/14/91	<0.05	0.01	<0.02	2.30	<0.10	NA	<0.10	NA	<0.02	20.00
626.80.03	Little Rock Creek Res	BLB	L	08/14/91	<0.05	<0.01	<0.02	2.50	<0.10	NA	<0.10	NA	<0.02	20.00
628.20.02	Silverwood Lake	LMB	F	08/14/91	NA	NA	NA	NA	NA	0.22	NA	0.39	NA	NA
628.20.02	Silverwood Lake	LMB	L	08/14/91	0.72	0.06	<0.02	2.00	<0.10	NA	<0.10	NA	<0.02	20.00
632.10.15	Silver Creek	SKR	W	09/27/91	0.53	0.04	0.26	1.20	0.10	0.07	0.30	0.07	<0.02	24.00
633.10.03	Carson R/W.F./d/s Paynesville	BN	F	09/27/91	NA	NA	NA	NA	NA	0.05	NA	0.11	NA	NA
633.10.03	Carson R/W.F./d/s Paynesville	BN	L	09/27/91	<0.05	0.04	<0.02	64.00	<0.10	NA	<0.10	NA	0.29	29.00
635.20.04	Donner Lake	KOK	F	10/23/91	NA	NA	NA	NA	NA	0.05	NA	0.12	NA	NA
635.20.04	Donner Lake	KOK	L	10/23/91	0.07	0.04	<0.02	120.00	<0.10	NA	<0.10	NA	0.49	41.00
635.20.28	Squaw Creek	BN	F	10/22/91	NA	NA	NA	NA	NA	0.10	NA	0.36	NA	NA
635.20.28	Squaw Creek	BN	L	10/22/91	0.06	0.08	<0.02	93.00	<0.10	NA	<0.10	NA	0.69	34.00
713.30.90	Colorado R/Needles	CP	F	08/20/91	NA	NA	NA	NA	NA	0.04	NA	1.40	NA	NA
715.40.08	Palo Verde Outfall Drain	CP	F	08/19/91	NA	NA	NA	NA	NA	NA	NA	0.67	NA	NA
715.50.90	Colorado R/u/s Imperial Dam	LMB	F	08/18/91	NA	NA	NA	NA	NA	0.04	NA	1.20	NA	NA

L = Liver.

F = Filet.

W = Whole Body.

< = Below Indicated Detection Limit.

NA = Not Analyzed.

Species codes are listed in Tables 2, 3, and 4.

APPENDIX L (continued)
 Toxic Substances Monitoring Program
 Summary of 1991 Data: Trace Elements in Fish, Crayfish, and Turtles
 (ppm, wet weight)

Station Number	Station Name	Species Code	Tissue	Sample Date	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc
715.50.90	Colorado R/u/s Imperial Dam	LMB	L	08/18/91	0.18	0.06	0.03	3.20	<0.10	NA	<0.10	NA	<0.02	22.00
723.10.02	New R/Westmorland	CCF	F	08/15/91	NA	NA	NA	NA	NA	NA	NA	1.00	NA	NA
723.10.02	New R/Westmorland	SST	F	08/15/91	NA	NA	NA	NA	NA	NA	NA	1.10	NA	NA
723.10.15	Mayflower Drain	GAM	W	08/16/91	NA	NA	NA	NA	NA	NA	NA	2.20	NA	NA
723.10.20	Rose Drain	GAM	W	08/17/91	NA	NA	NA	NA	NA	NA	NA	1.20	NA	NA
723.10.22	Orange Drain	GAM	W	08/17/91	NA	NA	NA	NA	NA	NA	NA	1.20	NA	NA
723.10.28	Peach Drain	GAM	W	08/17/91	NA	NA	NA	NA	NA	NA	NA	1.20	NA	NA
723.10.58	New R/Inter Boundary	CP	F	12/18/91	NA	NA	NA	NA	NA	0.47	NA	1.20	NA	NA
723.10.91	Fig Drain	MOL	W	08/17/91	NA	NA	NA	NA	NA	NA	NA	0.84	NA	NA
727.00.03	Reservation Main Drain	TLZ	F	08/18/91	NA	NA	NA	NA	NA	NA	NA	0.20	NA	NA
728.00.90	Salton Sea/South	ORC	F	05/15/91	NA	NA	NA	NA	NA	0.02	NA	2.40	NA	NA
728.00.90	Salton Sea/South	ORC	L	05/15/91	2.00	<0.01	<0.02	18.00	<0.10	NA	<0.10	NA	0.08	34.00
728.00.92	Salton Sea/North	ORC	F	05/30/91	NA	NA	NA	NA	NA	0.03	NA	2.50	NA	NA
728.00.92	Salton Sea/North	ORC	F	05/30/91	NA	NA	NA	NA	NA	NA	NA	3.00	NA	NA
728.00.92	Salton Sea/North	ORC	L	05/30/91	2.30	0.02	<0.02	19.00	<0.10	NA	<0.10	NA	0.06	40.00
728.00.92	Salton Sea/North	SAR	F	05/30/91	NA	NA	NA	NA	NA	0.03	NA	2.10	NA	NA
728.00.92	Salton Sea/North	SAR	L	05/30/91	1.90	0.07	<0.02	3.70	<0.10	NA	<0.10	NA	<0.02	45.00
728.00.92	Salton Sea/North	ORC	F	06/18/91	NA	NA	NA	NA	NA	NA	NA	2.90	NA	NA
801.11.00	Huntington Harbour/Anaheim Bay	WCK	F	11/21/91	NA	NA	NA	NA	NA	0.08	NA	0.26	NA	NA
801.11.00	Huntington Harbour/Anaheim Bay	WCK	L	11/21/91	1.30	0.18	<0.02	8.80	0.10	NA	0.20	NA	0.12	30.00
801.11.07	San Diego Cr/Michelson Dr	PRS	W	05/16/91	0.13	0.06	0.03	0.72	<0.10	0.05	<0.10	1.60	<0.02	39.00
801.11.07	San Diego Cr/Michelson Dr	PRS	W	05/16/91	0.10	0.06	<0.02	0.69	<0.10	0.05	<0.10	1.60	<0.02	33.00
801.11.09	San Diego Cr/Barranca Pkwy	PRS	W	05/16/91	0.10	0.08	0.02	0.80	<0.10	0.04	<0.10	1.60	<0.02	40.00
801.11.16	El Modena Ch/u/s Walnut Ave Brg	PRS	W	05/16/91	<0.05	0.31	0.03	1.10	<0.10	0.08	<0.10	1.10	<0.02	38.00
801.11.96	Peters Canyon Channel	PRS	W	05/16/91	0.10	0.15	<0.02	1.10	<0.10	0.04	<0.10	1.20	<0.02	38.00
801.11.97	Newport Bay	SSB	F	06/20/91	NA	NA	NA	NA	NA	0.18	NA	0.45	NA	NA
801.11.97	Newport Bay	SSB	L	06/20/91	1.90	0.35	<0.02	1.90	0.10	NA	<0.10	NA	<0.02	24.00
801.21.09	Santa Ana R/USGS Gage	SAKR	F	05/14/91	NA	NA	NA	NA	NA	0.17	NA	0.20	NA	NA
801.25.00	Santa Ana R/Prado Dam	LMB	F	05/14/91	NA	NA	NA	NA	NA	0.19	NA	0.25	NA	NA
801.25.00	Santa Ana R/Prado Dam	LMB	L	05/14/91	<0.05	0.10	0.13	3.80	<0.10	NA	<0.10	NA	<0.02	19.00
801.25.00	Santa Ana R/Prado Dam	PROI	W	05/14/91	<0.05	<0.01	<0.02	7.90	<0.10	0.07	<0.10	0.16	0.04	13.00
902.22.03	Rainbow Creek	BLB	F	06/14/91	NA	NA	NA	NA	NA	0.08	NA	0.25	NA	NA
902.22.03	Rainbow Creek	BLB	L	06/14/91	<0.05	0.04	<0.02	11.00	<0.10	NA	<0.10	NA	0.04	25.00

L = Liver.

F = Fillet.

W = Whole Body.

< = Below Indicated Detection Limit.

NA = Not Analyzed.

Species codes are listed in Tables 2, 3, and 4.

APPENDIX L (continued)
 Toxic Substances Monitoring Program
 Summary of 1991 Data: Trace Elements in Fish, Crayfish, and Turtles
 (ppm, wet weight)

Station Number	Station Name	Species Code	Tissue	Sample Date	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc
902.22.04	Santa Margarita R/Willow Glen Rd	GSF	F	06/14/91	NA	NA	NA	NA	NA	0.11	NA	0.58	NA	NA
902.22.04	Santa Margarita R/Willow Glen Rd	GSF	L	06/14/91	0.17	0.08	0.03	1.80	<0.10	NA	<0.10	NA	<0.02	16.00
903.11.05	San Luis Rey R/Foussat Rd	LMB	F	06/13/91	NA	NA	NA	NA	NA	0.06	NA	0.56	NA	NA
903.11.05	San Luis Rey R/Foussat Rd	LMB	L	06/13/91	0.14	0.06	<0.02	2.00	<0.10	NA	<0.10	NA	<0.02	19.00
903.11.11	San Luis Rey R/HWY 76	LMB	F	06/13/91	NA	NA	NA	NA	NA	0.09	NA	0.61	NA	NA
903.11.11	San Luis Rey R/HWY 76	LMB	L	06/13/91	0.10	0.08	<0.02	9.80	<0.10	NA	<0.10	NA	0.06	23.00
903.12.06	Keys Creek	GSF	F	06/13/91	NA	NA	NA	NA	NA	0.09	NA	0.60	NA	NA
903.12.06	Keys Creek	GSF	L	06/13/91	0.07	0.06	<0.02	2.00	<0.10	NA	<0.10	NA	<0.02	17.00
903.12.07	San Luis Rey R/HWY 15	LMB	F	06/13/91	NA	NA	NA	NA	NA	0.08	NA	2.00	NA	NA
903.12.07	San Luis Rey R/HWY 15	LMB	L	06/13/91	<0.05	0.22	<0.02	15.00	<0.10	NA	<0.10	NA	0.06	29.00
908.22.01	Chollas Creek/Main Street	LJM	W	06/14/91	0.56	0.02	0.06	0.88	0.30	<0.02	<0.10	0.32	<0.02	22.00

L = Liver. F = Filet. W = Whole Body. < = Below Indicated Detection Limit. NA = Not Analyzed.
 Species codes are listed in Tables 2, 3, and 4.