

APPENDIX N

Summary of 1991 Data

Lipid Data in Fish

(ppb, lipid weight)

APPENDIX N
Toxic Substances Monitoring Program
Summary of 1991 Data: Lipid Data in Fish (ppb, lipid 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
105.36.10	Klamath R/d/s Iron Gate Res	DC	W	09/19/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
105.50.35	Beaughton Cr/d/s HWY 97 Brg	BN	F	09/19/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
105.92.01	Lost R/Tule Lake	TC	W	09/20/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
105.92.01	Lost R/Tule Lake	TC	W	09/20/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
106.12.03	Trinity R/Willow Creek	SCP	F	09/16/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
106.13.06	Trinity R/d/s Burnt Ranch	RBT	F	09/17/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
106.40.16	Trinity R/East Fork	RBT	F	09/18/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
114.11.05	Russian R/Duncans Mills	PCP	W	07/17/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
201.12.01	Walker Creek	STG	W	07/16/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
204.30.11	Alameda Cr/Niles Canyon Rd	SCP	W	07/09/91	ND	ND	185.5	ND	ND	210.4	ND	ND	395.9	ND	ND

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	
105.36.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
105.50.35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
105.92.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
105.92.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
106.12.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
106.13.06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
106.40.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
114.11.05	ND	ND	ND	ND	252.0	ND	ND	ND	ND	252.0	ND	ND	ND	ND	ND	ND	ND	ND
201.12.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
204.30.11	ND	ND	ND	ND	226.2	ND	ND	ND	ND	226.2	ND	ND	ND	ND	ND	ND	ND	ND

Station Number	alpha-HCH	beta-HCH	delta-HCH	gamma-HCH (Lindane)	Total HCH	Hepta-chlor Epoxide	Hexa-chloro-benzene	Methoxy-chlor	Oxa-diazon	Ethyl Parathion	Methyl Parathion	PCB 1248	PCB 1254	PCB 1260	Total PCB	Toxaphene A	Chemical Group
105.36.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
105.50.35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
105.92.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
105.92.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
106.12.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
106.13.06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
106.40.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
114.11.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
201.12.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
204.30.11	ND	ND	ND	ND	ND	ND	ND	ND	475.1	ND	ND	ND	ND	ND	ND	ND	395.9

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APPENDIX N (continued)
 Toxic Substances Monitoring Program
 Summary of 1991 Data: Lipid Data in Fish (ppb, lipid 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
205.50.94	Stevens Creek	RBT	F	07/09/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
206.50.14	Napa R/Napa	HCH	F	07/11/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
207.10.90	Suisun Bay	WST	F	01/12/92	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
207.32.06	Walnut Creek	GSF	F	07/10/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
304.12.90	Schwann Lake	LMB	W	08/07/91	ND	ND	442.5	ND	ND	ND	539.8	ND	982.3	ND	ND
304.12.91	Neary's Lake	SSKR	F	08/06/91	ND	ND	2058.8	ND	1029.4	1617.6	1323.5	ND	6029.4	ND	ND
304.13.90	Corcoran Lagoon	STG	F	08/07/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
304.13.91	Moran Lake	STB	W	08/06/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
304.13.92	Aptos Creek	PCP	W	08/07/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
307.00.01	Carmel Lagoon	STB	W	08/01/91	ND	ND	186.7	ND	ND	ND	ND	ND	186.7	ND	ND

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
205.50.94	ND	ND	ND	ND	1418.4	ND	ND	ND	ND	1418.4	ND	ND	ND	ND	ND	ND	ND
206.50.14	ND	ND	ND	ND	1550.9	ND	ND	ND	ND	1550.9	ND	ND	ND	ND	ND	ND	ND
207.10.90	ND	ND	ND	ND	11481.5	ND	ND	ND	ND	11481.5	ND	ND	ND	ND	ND	ND	ND
207.32.06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
304.12.90	ND	ND	ND	ND	1592.9	ND	ND	ND	ND	1592.9	ND	ND	ND	ND	ND	ND	ND
304.12.91	ND	ND	ND	ND	4068.6	ND	ND	ND	ND	4068.6	ND	ND	ND	ND	ND	ND	ND
304.13.90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
304.13.91	ND	ND	ND	ND	1262.6	ND	ND	ND	ND	1262.6	ND	ND	ND	ND	ND	ND	ND
304.13.92	ND	ND	ND	ND	276.0	ND	ND	ND	ND	276.0	ND	ND	ND	ND	ND	ND	ND
307.00.01	ND	ND	ND	ND	906.7	ND	ND	ND	ND	906.7	ND	ND	ND	ND	ND	ND	ND

Station Number	alpha-HCH	beta-HCH	delta-HCH	gamma-HCH (Lindane)	Total HCH	Hepta-chlor Epoxide	Hexa-chloro-benzene	Methoxy-chlor	Oxa-diazon	Ethyl Parathion	Methyl Parathion	PCB 1248	PCB 1254	PCB 1260	Total PCB	Toxaphene A	Chemical Group
205.50.94	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
206.50.14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
207.10.90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
207.32.06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
304.12.90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	982.3
304.12.91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8333.3	8333.3	16666.7	ND	6029.4
304.13.90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
304.13.91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
304.13.92	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
307.00.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	186.7

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APPENDIX N (continued)
Toxic Substances Monitoring Program
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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
307.00.01	Carmel Lagoon	STB	W	08/01/91	ND	ND	158.5	ND	ND	ND	ND	ND	158.5	ND	ND
309.10.01	Roberts Lake	SP	F	08/01/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
309.10.09	Blanco Drain/Salinas R	STB	W	09/04/91	ND	ND	889.2	ND	312.0	405.6	795.6	218.4	2620.9	249.6	1716.1
309.10.09	Blanco Drain/Salinas R	STB	W	09/04/91	ND	ND	909.1	ND	319.0	366.8	622.0	207.3	2424.2	303.0	1563.0
309.50.01	El Estero	BG	F	08/02/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
402.10.02	Ventura River	CP	W	06/20/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
403.11.02	Rio de Santa Clara/Oxnard Drain	GAM	W	06/17/91	ND	ND	585.1	154.3	425.5	1781.9	4521.3	1409.6	8877.7	ND	398.9
403.12.06	Calleguas Creek	GF	F	06/18/91	ND	ND	ND	ND	ND	ND	1486.1	ND	1486.1	ND	7556.7
403.12.07	Conejo Creek	GAM	W	06/19/91	ND	ND	ND	ND	ND	ND	915.8	321.8	1237.6	ND	2970.3
403.51.05	Santa Clara R/Valencia	AC	W	06/11/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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
307.00.01	ND	ND	ND	ND	884.1	ND	ND	ND	ND	884.1	ND	ND	ND	ND	ND	ND	ND
309.10.01	ND	ND	ND	ND	7179.5	ND	ND	ND	ND	7179.5	ND	ND	ND	ND	ND	ND	ND
309.10.09	15600.6	7800.3	35881.4	1232.4	120124.8	3276.1	31201.3	3588.1	ND	203104.5	ND	1310.5	ND	ND	ND	ND	1154.4
309.10.09	17543.9	5741.6	38277.5	1100.5	119617.2	3030.3	25518.3	2870.8	ND	196156.3	ND	1913.9	ND	ND	ND	ND	1052.6
309.50.01	ND	ND	ND	ND	10400.0	ND	ND	ND	ND	10400.0	ND	ND	ND	ND	ND	ND	ND
402.10.02	ND	ND	ND	ND	617.6	ND	ND	ND	ND	617.6	ND	ND	ND	ND	ND	ND	ND
403.11.02	1781.9	3218.1	26595.7	1090.4	90425.5	1914.9	26595.7	2925.5	ND	152766.0	ND	1835.1	ND	ND	2526.6	2526.6	ND
403.12.06	ND	3022.7	25188.9	ND	239294.7	5037.8	22166.3	ND	ND	294710.3	ND	ND	ND	ND	ND	ND	ND
403.12.07	965.3	247.5	2351.5	717.8	42079.2	1386.1	11881.2	1287.1	ND	59950.5	ND	1584.2	ND	ND	5198.0	5198.0	ND
403.51.05	ND	ND	ND	ND	1202.2	ND	ND	ND	ND	1202.2	ND	ND	ND	ND	ND	ND	ND

Station Number	alpha-HCH	beta-HCH	delta-HCH	gamma-HCH (Lindane)	Total HCH	Hepta-chlor Epoxide	Hexa-chloro-benzene	Methoxy-chlor	Oxa-diazon	Ethyl Parathion	Methyl Parathion	PCB 1248	PCB 1254	PCB 1260	Total PCB	Toxaphene A	Chemical Group
307.00.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	158.5
309.10.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
309.10.09	ND	ND	ND	ND	ND	ND	64.0	ND	ND	ND	ND	8892.4	4368.2	13260.5	93603.8	112979.7	
309.10.09	ND	ND	ND	ND	ND	ND	68.6	ND	ND	ND	ND	10845.3	5263.2	16108.5	63795.9	84816.6	
309.50.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
402.10.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
403.11.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	21276.6	1542.6	22819.2	31914.9	45101.1	
403.12.06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	110831.2	112317.4	
403.12.07	ND	ND	ND	195.5	195.5	ND	ND	ND	ND	ND	ND	7475.2	1336.6	8811.9	49504.9	57101.5	
403.51.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2950.8	2950.8	5901.6	ND	ND	

N-4

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APPENDIX N (continued)
Toxic Substances Monitoring Program
Summary of 1991 Data: Lipid Data in Fish (ppb, lipid 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
403.64.02	Arroyo Conejo	GSF	F	06/19/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
403.67.04	Arroyo Simi	FHM	W	06/19/91	ND	ND	338.5	ND	ND	ND	564.1	ND	902.6	ND	564.1
404.21.01	Malibu Creek	BG	F	06/18/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
404.21.07	Malibou Lake	LMB	F	04/23/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
404.23.04	Lindero Lake	LMB	F	04/22/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
404.25.01	Westlake Lake	LMB	F	04/23/91	ND	ND	ND	ND	ND	ND	1736.8	ND	1736.8	ND	ND
404.26.00	Eleanor Lake	GF	F	04/22/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
404.26.01	Sherwood Lake	LMB	F	04/22/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
405.12.00	Alamitos Bay	CCB	F	06/12/91	ND	ND	ND	ND	183.8	ND	373.8	ND	557.6	ND	ND
405.12.90	Harbor Park Lake	CP	F	06/15/91	ND	70.1	694.0	97.0	522.4	395.5	895.5	89.6	2764.2	ND	ND

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
403.67.04	ND	ND	ND	ND	3076.9	ND	ND	ND	ND	3076.9	ND	ND	ND	ND	ND	ND	ND
403.68.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
404.21.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
404.21.07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
404.23.04	ND	ND	ND	ND	2321.4	ND	ND	ND	ND	2321.4	ND	ND	ND	ND	ND	ND	ND
404.25.01	ND	ND	ND	ND	3157.9	ND	ND	ND	ND	3157.9	ND	ND	ND	ND	ND	ND	ND
404.26.00	ND	ND	315.8	ND	605.3	ND	ND	ND	ND	921.1	ND	ND	ND	ND	ND	ND	ND
404.26.01	ND	ND	3055.6	ND	3055.6	ND	ND	ND	ND	6111.1	ND	ND	ND	ND	ND	ND	ND
405.12.00	ND	ND	529.6	373.8	5607.5	ND	ND	810.0	ND	7320.9	ND	ND	ND	ND	ND	ND	ND
405.12.90	111.9	126.9	1044.8	171.6	1940.3	ND	ND	388.1	ND	3671.6	ND	ND	ND	ND	ND	ND	ND

Station Number	alpha-HCH	beta-HCH	delta-HCH	gamma-HCH (Lindane)	Total HCH	Hepta-chlor Epoxide	Hexa-chloro-benzene	Methoxy-chlor	Oxa-diazon	Ethyl Parathion	Methyl Parathion	PCB 1248	PCB 1254	PCB 1260	Total PCB	Toxaphene A	Chemical Group
403.67.04	ND	ND	ND	379.5	379.5	ND	ND	ND	1897.4	ND	ND	ND	2769.2	ND	2769.2	ND	1282.1
403.68.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
404.21.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
404.21.07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9818.2	ND	9818.2	ND	ND
404.23.04	ND	ND	ND	ND	ND	ND	ND	ND	6071.4	ND	ND	ND	ND	ND	ND	ND	ND
404.25.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1736.8
404.26.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
404.26.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
405.12.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5607.5	3084.1	8691.6	ND	557.6
405.12.90	ND	ND	ND	ND	ND	ND	ND	ND	268.7	104.5	ND	1119.4	1716.4	1641.8	4477.6	ND	2876.1

S-N

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405.15.02	El Dorado Park Lake	LMB	F	04/21/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
405.15.24	Echo Park Lake	LMB	F	04/19/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
405.15.97	Belvedere Park Lake	FHM	W	04/18/91	ND	147.2	1527.8	272.2	861.1	ND	1388.9	ND	4197.2	ND	ND
405.15.97	Belvedere Park Lake	FHM	W	04/18/91	ND	ND	1319.1	206.4	851.1	ND	1063.8	ND	3440.4	ND	ND
405.15.99	Lincoln Park Lake	LMB	F	04/18/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
405.21.03	Calabasas Lake	LMB	F	04/20/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
405.21.16	Los Angeles R/Sepulveda Basin	GF	F	05/15/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
405.41.01	Legg Lake	LMB	F	04/17/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
405.41.08	Peck Road Lake	LMB	F	04/17/91	ND	ND	1540.5	ND	ND	ND	2270.3	ND	3810.8	ND	ND
405.52.01	Puddingstone Res	LMB	F	06/11/91	ND	ND	835.6	ND	ND	ND	1369.9	ND	2205.5	ND	1780.8

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
405.15.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
405.15.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
405.15.97	722.2	ND	277.8	ND	1611.1	ND	ND	ND	ND	1888.9	ND	ND	ND	ND	ND	ND	ND
405.15.97	595.7	ND	255.3	ND	1234.0	ND	ND	ND	ND	1489.4	ND	ND	ND	ND	ND	ND	ND
405.15.99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
405.21.03	ND	ND	ND	ND	12727.3	ND	ND	ND	ND	12727.3	ND	ND	ND	ND	ND	ND	ND
405.21.16	ND	ND	ND	ND	1334.3	ND	ND	ND	ND	1334.3	ND	ND	ND	ND	ND	ND	ND
405.41.01	ND	ND	ND	ND	2125.0	ND	ND	ND	ND	2125.0	ND	ND	ND	ND	ND	ND	ND
405.41.08	ND	ND	ND	ND	7567.6	ND	2973.0	ND	ND	10540.5	ND	ND	ND	ND	ND	ND	ND
405.52.01	ND	ND	ND	ND	3424.7	ND	ND	ND	ND	3424.7	ND	ND	ND	ND	ND	ND	ND

Station Number	alpha-HCH	beta-HCH	delta-HCH	gamma-HCH (Lindane)	Total HCH	Hepta-chlor Epoxide	Hexa-chloro-benzene	Methoxy-chlor	Oxa-diazon	Ethyl Parathion	Methyl Parathion	PCB 1248	PCB 1254	PCB 1260	Total PCB	Toxaphene A	Chemical Group
405.15.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
405.15.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
405.15.97	ND	ND	ND	ND	ND	ND	ND	ND	211.1	ND	ND	ND	1777.8	2611.1	4388.9	ND	4919.4
405.15.97	ND	ND	ND	ND	ND	ND	ND	ND	178.7	ND	ND	ND	1319.1	1553.2	2872.3	ND	4036.2
405.15.99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
405.21.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
405.21.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
405.41.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
405.41.08	ND	ND	ND	ND	ND	ND	ND	ND	2081.1	3243.2	ND	ND	ND	ND	ND	ND	3810.8
405.52.01	ND	ND	ND	ND	ND	ND	ND	ND	2191.8	ND	ND	ND	ND	7397.3	7397.3	ND	2205.5

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 W = Whole Body.

APPENDIX N (continued)
Toxic Substances Monitoring Program
Summary of 1991 Data: Lipid Data in Fish (ppb, lipid 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
603.20.24	Bishop Creek Canal/d/s Bishop	BN	F	07/23/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
633.10.03	Carson R/W.F./d/s Paynesville	BN	F	09/27/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
635.20.04	Donner Lake	KOK	F	10/23/91	ND	ND	ND	ND	ND	330.0	277.2	257.4	864.7	ND	ND
635.20.28	Squaw Creek	BN	F	10/22/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
713.30.90	Colorado R/Needles	CP	F	08/20/91	ND	ND	104.3	ND	81.3	ND	112.5	ND	298.1	ND	ND
715.40.08	Palo Verde Outfall Drain	CP	F	08/19/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	3432.8	ND
715.50.90	Colorado R/u/s Imperial Dam	LMB	F	08/18/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
723.10.02	New R/Westmorland	CCF	F	08/15/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	1111.1	ND
723.10.15	Mayflower Drain	GAM	W	08/16/91	ND	ND	ND	ND	ND	400.9	ND	ND	400.9	2284.5	517.2
723.10.20	Rose Drain	GAM	W	08/17/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	19598.0

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
603.20.24	ND	ND	ND	ND	569.4	ND	ND	ND	ND	569.4	ND	ND	ND	ND	ND	ND	ND
633.10.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
635.20.04	ND	ND	ND	ND	759.1	ND	ND	ND	ND	759.1	ND	ND	ND	ND	ND	ND	ND
635.20.28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
713.30.90	ND	ND	ND	ND	501.4	ND	ND	ND	ND	501.4	ND	ND	ND	ND	ND	ND	ND
715.40.08	ND	ND	970.1	ND	7462.7	ND	ND	ND	ND	8432.8	ND	ND	1567.2	ND	ND	1567.2	ND
715.50.90	ND	ND	ND	ND	36000.0	ND	ND	ND	ND	36000.0	ND	ND	ND	ND	ND	ND	ND
723.10.02	288.1	ND	ND	ND	20987.7	ND	ND	ND	ND	20987.7	ND	ND	ND	ND	ND	ND	ND
723.10.15	689.7	1206.9	4310.3	ND	64655.2	ND	3534.5	ND	ND	73706.9	ND	ND	474.1	ND	8620.7	9094.8	ND
723.10.20	1959.8	ND	2964.8	ND	20100.5	ND	1256.3	ND	ND	24321.6	ND	ND	502.5	ND	5025.1	5527.6	ND

Station Number	alpha-HCH	beta-HCH	delta-HCH	gamma-HCH (Lindane)	Total HCH	Hepta-chlor Epoxide	Hexa-chloro-benzene	Methoxy-chlor	Oxa-diazon	Ethyl Parathion	Methyl Parathion	PCB 1248	PCB 1254	PCB 1260	Total PCB	Toxaphene A	Chemical Group
603.20.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
633.10.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
635.20.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3300.3	2145.2	5445.5	ND	864.7
635.20.28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
713.30.90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	298.1
715.40.08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4850.7	6417.9
715.50.90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
723.10.02	ND	ND	ND	ND	ND	ND	177.0	ND	ND	ND	ND	ND	ND	2633.7	2633.7	12345.7	12633.7
723.10.15	ND	ND	ND	185.3	185.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	17241.4	27612.1
723.10.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7487.4

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APPENDIX N (continued)
Toxic Substances Monitoring Program
Summary of 1991 Data: Lipid Data in Fish (ppb, lipid 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
723.10.22	Orange Drain	GAM	W	08/17/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3941.9
723.10.58	New R/Inter Boundary	CP	F	12/18/91	ND	ND	844.5	ND	863.7	268.7	ND	ND	1977.0	307.1	1094.1
723.10.91	Fig Drain	MOL	W	08/17/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
727.00.03	Reservation Main Drain	TLZ	F	08/18/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
728.00.90	Salton Sea/South	ORC	F	05/15/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3139.0
728.00.92	Salton Sea/North	ORC	F	05/30/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1829.3
728.00.92	Salton Sea/North	ORC	F	05/30/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1641.0
728.00.92	Salton Sea/North	SAR	F	05/30/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	578.0
728.00.92	Salton Sea/North	ORC	F	06/18/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1775.1
801.11.00	Huntington Harbour/Anaheim Bay	WCK	F	11/21/91	ND	ND	268.1	ND	182.3	294.9	402.1	ND	1147.5	ND	ND

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
723.10.22	1950.2	ND	1244.8	ND	37759.3	ND	1452.3	ND	ND	40456.4	ND	ND	ND	ND	ND	ND	ND
723.10.58	211.1	1151.6	4990.4	ND	5758.2	ND	ND	ND	ND	11900.2	ND	1823.4	326.3	ND	ND	326.3	ND
723.10.91	438.6	ND	ND	ND	4386.0	ND	ND	ND	ND	4386.0	ND	ND	ND	ND	ND	ND	ND
727.00.03	ND	ND	ND	ND	5222.9	ND	ND	ND	ND	5222.9	ND	ND	ND	ND	ND	ND	ND
728.00.90	ND	ND	ND	ND	7772.8	ND	ND	ND	ND	7772.8	ND	ND	ND	ND	ND	ND	ND
728.00.92	ND	ND	ND	ND	3841.5	ND	ND	ND	ND	3841.5	ND	ND	ND	ND	ND	ND	ND
728.00.92	ND	ND	ND	ND	4153.8	ND	ND	ND	ND	4153.8	ND	ND	ND	ND	ND	ND	ND
728.00.92	136.8	ND	231.2	ND	2697.5	ND	ND	ND	ND	2928.7	ND	ND	ND	ND	ND	ND	ND
728.00.92	ND	ND	ND	ND	13017.8	ND	ND	ND	ND	13017.8	ND	ND	ND	ND	ND	ND	ND
801.11.00	ND	ND	750.7	ND	9115.3	ND	ND	ND	ND	9866.0	ND	ND	ND	ND	ND	ND	ND

Station Number	alpha-HCH	beta-HCH	delta-HCH	gamma-HCH (Lindane)	Total HCH	Hepta-chlor Epoxide	Hexa-chloro-benzene	Methoxy-chlor	Oxa-diazon	Ethyl Parathion	Methyl Parathion	PCB 1248	PCB 1254	PCB 1260	Total PCB	Toxaphene A	Chemical Group
723.10.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9543.6	11493.8
723.10.58	ND	ND	ND	182.3	182.3	ND	145.9	ND	ND	ND	ND	ND	1689.1	1689.1	3378.1	ND	2696.7
723.10.91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	438.6
727.00.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
728.00.90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
728.00.92	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
728.00.92	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
728.00.92	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	136.8
728.00.92	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
801.11.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3217.2	3753.4	6970.5	ND	1147.5

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 W = Whole Body.

APPENDIX N (continued)
Toxic Substances Monitoring Program
Summary of 1991 Data: Lipid Data in Fish (ppb, lipid 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
801.11.07	San Diego Cr/Michelson Dr	PRS	W	05/16/91	ND	ND	157.6	ND	96.6	88.2	189.1	ND	531.5	ND	1260.5
801.11.07	San Diego Cr/Michelson Dr	PRS	W	05/16/91	ND	ND	165.1	ND	109.7	96.7	235.8	ND	607.3	ND	1415.1
801.11.09	San Diego Cr/Barranca Pkwy	PRS	W	05/16/91	ND	ND	160.6	ND	104.4	ND	174.0	ND	439.1	ND	1338.7
801.11.16	El Modena Ch/u/s Walnut Ave Brg	PRS	W	05/16/91	ND	ND	579.7	ND	318.8	ND	1231.9	144.9	2275.4	260.9	7971.0
801.11.96	Peters Canyon Channel	PRS	W	05/16/91	ND	ND	293.5	ND	167.7	283.0	293.5	104.8	1142.6	167.7	7023.1
801.11.97	Newport Bay	SSB	F	06/20/91	ND	ND	ND	ND	ND	ND	355.3	ND	355.3	ND	ND
801.25.00	Santa Ana R/Prado Dam	LMB	F	05/14/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
902.22.03	Rainbow Creek	BLB	F	06/14/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
902.22.04	Santa Margarita R/Willow Glen Rd	GSF	F	06/14/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
903.11.05	San Luis Rey R/Foussat Rd	LMB	F	06/13/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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
801.11.07	99.8	126.1	966.4	ND	5252.1	178.6	378.2	199.6	ND	7100.8	ND	2731.1	ND	ND	ND	ND	ND
801.11.07	105.0	141.5	1120.3	ND	5778.3	200.5	377.4	247.6	ND	7865.6	ND	2122.6	ND	ND	ND	ND	ND
801.11.09	127.2	133.9	1030.8	ND	8032.1	200.8	455.2	241.0	ND	10093.7	ND	ND	ND	ND	ND	ND	ND
801.11.16	217.4	594.2	2463.8	463.8	46376.8	2753.6	4058.0	1058.0	ND	57768.1	ND	ND	81.2	ND	ND	81.2	ND
801.11.96	188.7	324.9	1677.1	209.6	16771.5	765.2	2620.5	471.7	ND	22840.7	ND	1886.8	ND	ND	ND	ND	ND
801.11.97	ND	ND	789.5	ND	6447.4	ND	ND	ND	ND	7236.8	ND	ND	ND	ND	ND	ND	ND
801.25.00	ND	ND	ND	ND	8771.9	ND	ND	ND	ND	8771.9	ND	ND	ND	ND	ND	ND	ND
902.22.03	ND	ND	ND	ND	1783.3	ND	ND	ND	ND	1783.3	ND	ND	ND	ND	ND	ND	ND
902.22.04	ND	ND	ND	ND	8216.0	ND	ND	ND	ND	8216.0	ND	ND	ND	ND	ND	ND	ND
903.11.05	ND	ND	ND	ND	14782.6	ND	ND	ND	ND	14782.6	ND	ND	ND	ND	ND	ND	ND

Station Number	alpha-HCH	beta-HCH	delta-HCH	gamma-HCH (Lindane)	Total HCH	Hepta-chlor Epoxide	Hexa-chloro-benzene	Methoxy-chlor	Oxa-diazon	Ethyl Parathion	Methyl Parathion	PCB 1248	PCB 1254	PCB 1260	Total PCB	Toxaphene A	Chemical Group
801.11.07	ND	ND	ND	ND	ND	ND	22.1	ND	2521.0	ND	ND	ND	1260.5	693.3	1953.8	1680.7	2312.0
801.11.07	ND	ND	ND	ND	ND	ND	ND	ND	2830.2	ND	ND	ND	1650.9	931.6	2582.5	1533.0	2245.3
801.11.09	ND	ND	ND	ND	ND	ND	ND	ND	4685.4	ND	ND	ND	1338.7	722.9	2061.6	2409.6	2975.9
801.11.16	ND	ND	ND	ND	ND	ND	118.8	ND	3623.2	ND	ND	ND	4058.0	1188.4	5246.4	7246.4	9820.3
801.11.96	ND	ND	ND	ND	ND	ND	24.1	ND	3459.1	ND	ND	ND	ND	670.9	670.9	5765.2	7096.4
801.11.97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5131.6	3750.0	8881.6	ND	355.3
801.25.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
902.22.03	ND	ND	ND	ND	ND	ND	ND	ND	72702.3	ND	ND	ND	ND	ND	ND	ND	ND
902.22.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
903.11.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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 W = Whole Body.

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APPENDIX N (continued)
 Toxic Substances Monitoring Program
 Summary of 1991 Data: Lipid Data in Fish (ppb, lipid 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
903.11.11	San Luis Rey R/HWY 76	LMB	F	06/13/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
903.12.06	Keys Creek	GSF	F	06/13/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
903.12.07	San Luis Rey R/HWY 15	LMB	F	06/13/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
908.22.01	Chollas Creek/Main Street	LJM	W	06/14/91	ND	ND	204.1	ND	ND	340.1	340.1	ND	884.4	ND	ND

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	
903.11.11	ND	ND	ND	ND	4545.5	ND	ND	ND	ND	4545.5	ND	ND	ND	ND	ND	ND	ND	ND
903.12.06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
903.12.07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
908.22.01	ND	ND	442.2	ND	816.3	ND	ND	ND	ND	1258.5	ND	ND	ND	ND	ND	ND	ND	ND

Station Number	alpha-HCH	beta-HCH	delta-HCH	gamma-HCH (Lindane)	Total HCH	Hepta-chlor Epoxide	Hexa-chloro-benzene	Methoxy-chlor	Oxa-diazon	Ethyl Parathion	Methyl Parathion	PCB 1248	PCB 1254	PCB 1260	Total PCB	Toxaphene A	Chemical Group	
903.11.11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
903.12.06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
903.12.07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
908.22.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3265.3	2040.8	5306.1	ND	ND	884.4

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