

APPENDIX I

**Summary of 1987-93 Data
Trace Elements and Organic Chemicals Exceeding
Maximum Tissue Residue Levels (MTRLs) in
Inland Surface Waters
(ppb, wet weight)**

APPENDIX I

State Mussel Watch Program

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(wet weight)

Station Number	Station Name	Sample Type*	Sample Date	Arsenic (ppm)	Cadmium (ppm)	Aldrin (ppb)	Total Chlor-dane (ppb)	Total DDT (ppb)	Total Endo-sulfan (ppb)	Dieldrin (ppb)	Hepta-chlor Epoxide (ppb)	Hexa-chloro-benzene (ppb)	gamma-HCH (ppb)	Total PCB (ppb)	Total PAH (ppb)	Toxa-phene (ppb)
155.1	Lake Pillsbury 1	TFC	03/31/93				1.6							12.0		
155.3	Lake Pillsbury 2	TFC	03/31/93				1.9							12.0		
159.0	Russian River West Fork	TFC	03/20/90	0.85												
159.0	Russian River West Fork	TFC	03/06/92	0.80			1.6							33.0	8.1	
159.0	Russian River West Fork	TFC	03/30/93				1.5							12.0		
160.0	Lake Mendocino	RFC	11/30/89	2.19											22.0	
165.0	Russian River Below Ukiah	TFC	03/20/90	0.90			6.3							17.1		
165.0	Russian River Below Ukiah	TFC	03/06/92	0.50			3.0							13.0	10.7	
165.0	Russian River Below Ukiah	TFC	03/30/93				5.5							23.0		
175.0	Big Sulfur Creek	TFC	03/21/90		0.70											
175.0	Big Sulfur Creek	TFC	01/29/91		1.00											
175.0	Big Sulfur Creek	TFC	03/30/93				1.9							13.0	15.9	
176.0	Lake Sonoma	TFC	03/30/93				1.5							12.0		
290.0	Russian River/near Moscow	TFC	02/08/88		1.82											
290.0	Russian River/near Moscow	TFC	03/30/93				2.5							13.0	14.8	
294.1	Mark West Creek/Slusser Road	TFC	04/07/92	0.40												
294.2	Windsor Creek/Mark West Station Rd	TFC	04/07/92	0.50			4.6							6.3		
294.5	Green Valley Creek 1	TFC	03/30/93				2.6							19.0		
294.6	Green Valley Creek 2	TFC	03/30/93				3.8	85.0		1.0				19.0		
295.1	Santa Rosa Fl Con Ch/Willowside Rd	TFC	12/05/88	0.52	0.97		16.0							9.0		
295.1	Santa Rosa Fl Con Ch/Willowside Rd	TFC	03/20/90	0.80			19.4			0.7				11.0	120.0	
295.1	Santa Rosa Fl Con Ch/Willowside Rd	TFC	01/30/91	0.90			13.8							10.1	70.7	
295.2	Laguna de Santa Rosa/Stony Point	TFC	12/05/88	0.48			6.2							4.2		
295.2	Laguna de Santa Rosa/Stony Point	TFC	03/20/90	0.89			9.0							9.3		
295.2	Laguna de Santa Rosa/Stony Point	TFC	01/30/91	0.90			4.5							7.1	57.9	
295.2	Laguna De Santa Rosa/Stony Point	TFC	04/07/92	0.80												
295.3	Mark West Creek/Wholer Road	TFC	12/05/88	0.58	1.03		5.9							5.9		
295.3	Mark West Creek/Wholer Road	TFC	03/20/90	0.78			1.8							8.2		
295.3	Mark West Creek/Wholer Road	TFC	04/07/92	0.60										9.3		
295.4	Russian River/Wholer Bridge	TFC	12/05/88	0.63	0.91									5.0		
295.4	Russian River/Wholer Bridge	TFC	03/20/90	0.89			12.5							11.0		
295.4	Russian River/Wholer Bridge	TFC	01/30/91	0.70			8.7							3.1	29.4	
295.4	Russian River/Wholer Bridge	TFC	04/07/92	0.40			14.8			1.3				12.0	22.3	
295.5	Russian River/Hacienda Bridge	TFC	12/05/88	0.58	0.83									2.5		
295.5	Russian River/Hacienda Bridge	TFC	03/20/90	1.03			6.8							14.0		
295.5	Russian River/Hacienda Bridge	TFC	04/07/92	0.60			1.6			0.8				18.0		
297.0	Putah Creek	RFC	12/05/89					131.9		1.4				9.9	26.0	
298.0	Brannan Island	RFC	12/29/87				3.8			0.8				10.2		
298.0	Brannan Island	RFC	12/29/88				5.6							61.4		
399.7	San Lorenzo River/Felton	TFC	02/16/91				11.4							9.8	58.5	

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(wet weight)

Station Number	Station Name	Sample Type*	Sample Date	Arsenic (ppm)	Cadmium (ppm)	Aldrin (ppb)	Total Chlor-dane (ppb)	Total DDT (ppb)	Total Endo-sulfan (ppb)	Dieldrin (ppb)	Hepta-chlor Epoxide (ppb)	Hexa-chloro-benzene (ppb)	gamma-HCH (ppb)	Total PCB (ppb)	Total PAH (ppb)	Toxa-phene (ppb)
400.8	Aptos Creek	TFC	01/31/90	0.95			6.3							16.8		
400.8	Aptos Creek	TFC	10/25/90	0.80			1.6							8.0		
400.8	Aptos Creek	RFC	11/14/90	1.20										8.2	5.9	
400.8	Aptos Creek	RFC	11/26/90											6.3		
400.8	Aptos Creek	TFC	12/19/91	0.70			1.5									
401.5	Watsonville Slough/Bridge	TFC	02/02/88			1.0	31.4	359.8		75.0	3.0			13.0		460.0
401.5	Watsonville Slough/Bridge	TFC	03/10/93			1.0	49.4	1058.1		170.0	2.6			27.0		1500.0
401.6	Harkins Slough Bridge	TFC	02/02/88				12.6	40.3		2.3	1.0					
401.8	San Andreas Road	TFC	02/03/88			0.7	21.4	437.0		126.0	2.0			16.2		279.0
401.9	Pajaro River Estuary	TFC	03/10/93				9.8	156.4		14.0				15.0		280.0
405.2	Old Salinas River 2	TFC	03/16/92		1.20											
405.2	Old Salinas River 2	TFC	03/10/93				2.5			3.0				15.0		51.0
405.3	Old Salinas River 1	TFC	03/16/92				4.2	520.8		53.0				29.0		260.0
405.3	Old Salinas River 1	TFC	03/10/93			0.6	27.0	450.6		70.0	0.8			51.0		540.0
405.6	Salinas River Lag 1	TFC	03/10/93				3.1	38.0		5.2				20.0		50.0
405.7	Salinas River Lag 2	TFC	03/16/92			0.4	19.3	1068.1		89.0				59.0		250.0
406.0	Westley Station	RFC	01/04/89							1.1				4.2		
406.5	Tembladero Slough	TFC	03/10/93			0.8	22.4	397.8		68.0	1.4			48.0		660.0
407.4	Blanco Pump/West	TFC	03/10/93			0.6	19.9	718.0		150.0				44.0		770.0
408.9	Salinas/Reclamation Canal 3	TFC	02/03/88				30.6	999.2		192.0	6.1			96.0		2480.0
409.0	Salinas/Reclamation Canal 4	TFC	02/03/88			1.4	143.2	2556.9		396.0				82.8		3510.0
425.4	Lake San Antonio/Buoy	TFC	12/08/87		1.43					1.0						
425.6	Lake San Antonio	RFC	10/28/87		1.66					0.8						
425.6	Lake San Antonio	RFC	09/14/88	0.61	0.94											
425.6	Lake San Antonio	RFC	08/15/89		2.48											
425.6	Lake San Antonio	TFC	05/25/92	0.50	0.90		1.2							18.0	38.0	
446.0	San Luis Obispo Creek 1	TFC	02/26/91				17.5							14.1		
480.0	Lake Isabella	RFC	02/09/93	1.90			1.9							13.0	15.9	
507.8	Revolon Slough	TFC	03/14/88				257.2	3845.1	294.0	33.6	28.7	12.6		285.6		3290.0
507.8	Revolon Slough	TFC	01/29/89				89.8	2507.8	1292.8	13.1			2.7	44.4		7474.0
507.8	Revolon Slough	TFC	03/11/91				113.0	983.6		4.4						2822.0
719.1	Santa Ana River/Prado Dam	TFC	04/02/92	0.70			12.6	74.0		5.7				64.0		
719.1	Santa Ana River/Prado Dam	TFC	03/17/93				9.4	69.9		5.1				49.0	191.7	
727.0	Garden Grove/Wintersburg Channel	TFC	01/23/91				13.3			5.3				29.4		
727.0	Garden Grove/Wintersburg Channel	TFC	03/17/93				18.9	95.8		4.4				61.0	210.2	
728.4	Upper Newport Bay/MacArthur	TFC	03/07/88		1.03											
728.4	Upper Newport Bay/MacArthur	TFC	12/20/88		0.80		10.1	185.0		3.1				23.0	30.6	
728.4	Upper Newport Bay/MacArthur	TFC	03/14/90				21.4	141.0		2.4				43.0		120.0
728.4	Upper Newport Bay/MacArthur	TFC	01/23/91		8.40		15.5	88.2		1.6				22.5		
728.4	Upper Newport Bay/MacArthur	TFC	03/17/93				11.1	76.0		2.8				27.0	72.9	110.0

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728.5	Upper Newport Bay/Drain 2	TFC	03/14/90				25.9	122.7		1.4				34.0		100.0
728.6	Upper Newport Bay/San Diego Cr 1	TFC	03/07/88		0.89		33.8	327.3		2.9				10.5		217.0
728.7	Upper Newport Bay/Drain 4	TFC	01/23/91				12.1	60.3		1.0				9.4		
728.7	Upper Newport Bay/Drain 4	TFC	03/17/93				11.5	93.1		3.8				21.0	164.1	140.0
728.8	Upper Newport Bay/San Diego Cr 2	TFC	03/07/88		1.27		63.0	242.3		2.9						
728.9	Upper Newport Bay/Drain 5	TFC	03/14/90				10.0	39.7						13.9		38.0

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