

APPENDIX K

Summary of 1987-93 Data

Trace Elements Exceeding Elevated Data Levels (EDL)

(ppm, wet weight)

APPENDIX K
 State Mussel Watch Program
 Summary of 1987-93 Data: Trace Elements Exceeding Elevated Data Levels (EDL)
 (ppm, wet weight)

Station Number	Station Name	Sample Type+	Sample Date	Aluminum	Arsenic	Cadmium	Chromium	Copper	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Titanium	Zinc
2.0	Crescent City/STP Outfall	RCM	02/12/88	78.3*			1.01**			2.05*	0.09*					
2.0	Crescent City/STP Outfall	RCM	02/17/89					1.72*			0.14**					
2.0	Crescent City/STP Outfall	RCM	02/23/90					1.59*								
2.0	Crescent City/STP Outfall	RCM	02/27/90	92.0*			4.20**	1.70*			0.14**			0.62*		
2.0	Crescent City/STP Outfall	RCM	03/12/92	82.0*				1.80*			0.20**			0.83*		
3.0	Crescent City/Control	RCM	02/12/88				0.94**			2.37*						
3.0	Crescent City/Control	RCM	02/17/89													34.5*
3.0	Crescent City/Control	RCM	02/23/90	89.0*			0.56*	1.55*		2.73**						
3.0	Crescent City/Control	RCM	02/27/90	260.0**			9.10**	1.80*		4.10**						
3.0	Crescent City/Control	RCM	03/12/92	180.0**			0.60*	1.80*		2.90**						
10.0	Trinidad Head	RCM	09/08/87				0.63*			2.27*						
10.0	Trinidad Head	RCM	09/20/88							2.70**					9.59*	
10.0	Trinidad Head	RCM	09/28/89	77.8*				1.70*		3.39**						
10.0	Trinidad Head	RCM	09/18/90	130.0**			0.53*									
10.0	Trinidad Head	RCM	10/08/91	92.0*		1.50*		1.70*								
10.0	Trinidad Head	RCM	10/22/92	120.0**		1.50*		1.70*		2.30*						
100.0	Mad River Slough	TCM	02/25/92	180.0*												
101.0	Samoa Bridge/West	TCM	02/27/91	320.0**			6.80**			4.70*						
102.0	Samoa Bridge/East	TCM	02/17/89	120.2*			0.70*									
102.0	Samoa Bridge/East	TCM	02/25/92	210.0**												
103.0	Eureka Channel	TCM	02/17/89	123.9*			0.81*									
103.0	Eureka Channel	TCM	02/25/92	280.0**			0.70*									
103.0	Eureka Channel	TCM	02/17/93	290.0**			2.20**									
103.2	Louisiana Pacific Dock	TCM	02/11/88	200.7*			0.99*									
103.3	E Street	TCM	02/25/92	260.0**			0.66*									
103.7	Eda Dock	TCM	02/25/92	150.0*												
104.0	Eureka STP/Outfall	TCM	02/11/88	164.7*			1.05*									
104.0	Eureka STP/Outfall	TCM	02/23/90	170.6*			0.86*									
104.0	Eureka STP/Outfall	TCM	02/27/91	360.0**			9.60**			5.10*						
104.0	Eureka STP/Outfall	TCM	02/25/92	250.0**												
104.5	Eureka STP/Control	TCM	02/12/88	127.7*			1.00*									
104.5	Eureka STP/Control	TCM	02/17/89				0.73*									
104.5	Eureka STP/Control	TCM	02/23/90	163.6*			0.72*									
104.5	Eureka STP/Control	TCM	02/27/91	380.0**			5.90**			4.80*						
104.5	Eureka STP/Control	TCM	02/25/92	260.0**												
104.5	Eureka STP/Control	TCM	02/17/93	350.0**			1.50**									
106.0	Fields Landing	TCM	02/25/92	240.0**												
155.1	Lake Pillsbury 1	TFC	03/31/93	310.0*			2.30*									
155.3	Lake Pillsbury 2	TFC	03/31/93	390.0*												
159.0	Russian River West Fork	TFC	03/20/90				3.13**									

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APPENDIX K (continued)

State Mussel Watch Program

Summary of 1987-93 Data: Trace Elements Exceeding Elevated Data Levels (EDL)
(ppm, wet weight)

Station Number	Station Name	Sample Type+	Sample Date	Aluminum	Arsenic	Cadmium	Chromium	Copper	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Titanium	Zinc
159.0	Russian River West Fork	TFC	03/06/92	460.0**			2.00*						0.45*	0.04**		
159.0	Russian River West Fork	TFC	03/30/93	260.0*			2.10*									
165.0	Russian River Below Ukiah	TFC	03/20/90	211.8*					0.31*					0.09**		20.0*
165.0	Russian River Below Ukiah	TFC	03/06/92	520.0**						12.00*		1.40**				
165.0	Russian River Below Ukiah	TFC	03/30/93	250.0*										0.04**		
175.0	Big Sulfur Creek	TFC	03/21/90	314.8*			4.84**	24.26**	0.41**	9.57*						42.0**
175.0	Big Sulfur Creek	TFC	01/29/91			1.00*	7.30**	42.00**	0.24*	24.00**	0.30**					79.0**
176.0	Lake Sonoma	TFC	03/30/93				2.20*									
190.0	Estero Americano	RCM	12/05/88			2.15**		1.58*								
190.0	Estero Americano	RCM	01/29/91	110.0**		2.60**										
190.0	Estero Americano	RCM	03/05/92	180.0**				1.60*		2.40*			0.51*			
202.0	Bodega Head	RCM	08/14/87				0.53*									
202.0	Bodega Head	RCM	08/24/88			1.87*										
202.0	Bodega Head	RCM	08/28/89			1.82*										
202.0	Bodega Head	RCM	08/22/90			1.80*										
202.0	Bodega Head	RCM	08/28/91			1.90*										
202.0	Bodega Head	RCM	09/01/92			2.00*										
203.0	Tomales Bay	RBM	01/29/91	220.0**			0.53*			5.60*						
203.0	Tomales Bay	RBM	12/30/91	170.0*												
204.0	Estero De San Antonio	TCM	02/26/93	130.0*			2.50**									
205.0	Bodega Harbor/Spud Point Marin	TCM	01/29/91	420.0**							0.06*					
205.0	Bodega Harbor/Spud Point Marin	TCM	01/10/92	160.0*		1.60*										
205.0	Bodega Harbor/Spud Point Marin	TCM	03/02/93	260.0**			1.10*									
207.0	Point Reyes	RCM	01/29/91			2.60**										
280.0	Russian River/S Goat Rock	RCM	12/29/87	104.7*			0.83**			2.53*						
280.0	Russian River/S Goat Rock	RCM	12/05/88			2.32**		1.87*		2.17*						
280.0	Russian River/S Goat Rock	TCM	02/25/93	180.0*			2.20**									
290.0	Russian River/near Moscow	TFC	02/08/88	631.0**		1.82**	5.40**		0.30*	22.15**				0.04**		
294.2	Windsor Creek/Mark West Statio	TFC	04/07/92							21.00**	0.07**					
294.5	Green Valley Creek 1	TFC	03/30/93				2.30*									
294.6	Green Valley Creek 2	TFC	03/30/93				2.00*									
295.1	Santa Rosa Fl Con Ch/Willowside	TFC	12/05/88			0.97*					0.04					
295.1	Santa Rosa Fl Con Ch/Willowside	TFC	03/20/90						0.21*		0.04*					20.7*
295.1	Santa Rosa Fl Con Ch/Willowside	TFC	01/30/91		0.90*					10.00*						
295.2	Laguna de Santa Rosa/Stony Poi	TFC	03/20/90							20.60**						
295.2	Laguna de Santa Rosa/Stony Poi	TFC	01/30/91		0.90*						0.04*					
295.2	Laguna De Santa Rosa/Stony Poi	TFC	04/07/92					15.00**			0.04*					
295.3	Mark West Creek/Wholer Road	TFC	12/05/88			1.03*							0.46**	0.03*		
295.3	Mark West Creek/Wholer Road	TFC	03/20/90													25.1**
295.3	Mark West Creek/Wholer Road	TFC	04/07/92	350.0*				9.30*				1.60**				

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Station Number	Station Name	Sample Type+	Sample Date	Aluminum	Arsenic	Cadmium	Chromium	Copper	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Titanium	Zinc
295.4	Russian River/Wholer Bridge	TFC	03/20/90							15.27*						
295.4	Russian River/Wholer Bridge	TFC	04/07/92					8.90*			0.04*					
295.5	Russian River/Hacienda Bridge	TFC	12/05/88								0.04*	1.06*	0.48**			
295.5	Russian River/Hacienda Bridge	TFC	03/20/90		1.03**							1.00*				
295.5	Russian River/Hacienda Bridge	TFC	04/07/92					9.00*								
298.0	Brannan Island	RFC	12/29/87				1.16*	10.02*								17.3*
298.0	Brannan Island	RFC	12/29/88	73.1*			1.60**	16.63**			0.05**			0.03*		26.3**
298.3	Concord Naval/Pier 4	TCM	12/08/87	170.7*			0.63*									
298.4	Concord Naval/Seal Island	TCM	12/08/87	172.0*			0.65*									
299.1	Selby Slag 4	TCM	01/14/88			1.82*										
301.4	Union Oil Outfall	TCM	01/28/88										1.93**			
301.4	Union Oil Outfall	TCM	12/30/88										3.10**			
302.0	Point Pinole	TCM	02/09/90			1.56*										
302.0	Point Pinole	TCM	01/16/91	230.0**				6.70*								
302.0	Point Pinole	TCM	12/27/91	210.0**												
302.0	Point Pinole	TCM	01/20/93	130.0*		2.00**										
302.4	Castro Cove Bridge	TCM	01/18/88								0.08*					
302.4	Castro Cove Bridge	TCM	12/29/88							6.328*	0.11**		0.78*			
303.1	Santa Fe Channel/Mouth	TCM	03/22/91	340.0**			4.70**				0.06*					
303.3	Lauritzen Canal/End	TCM	03/22/91	230.0**		1.80*	1.30**			5.80*						
303.4	Santa Fe Channel/End	TCM	03/22/91	260.0**			0.92*	6.20*		4.90*	0.06*					
303.6	Richmond Inner Harbor Basin	TCM	12/29/88								0.08*					
304.4	Serl Intake	TCM	03/22/91	270.0**			4.70**				0.09**					
304.6	Point Isabel	TCM	01/14/88	131.7*							0.07*					
306.0	San Francisco Bay/Fort Baker	TCM	01/30/91	310.0**										0.19**		
306.0	San Francisco Bay/Fort Baker	TCM	12/17/91	240.0**									0.90*			
306.0	San Francisco Bay/Fort Baker	TCM	01/20/93	250.0**									0.82*	0.15*		
307.0	San Francisco Bay/Treasure Is	TCM	01/14/88	229.0**									0.86*	0.11*		
307.0	San Francisco Bay/Treasure Is	TCM	12/30/88								0.07*		0.98**			
307.0	San Francisco Bay/Treasure Is	TCM	02/09/90											0.12*		
307.0	San Francisco Bay/Treasure Is	TCM	01/16/91	280.0**										0.20**		
307.0	San Francisco Bay/Treasure Is	TCM	12/17/91	280.0**									0.76*			
307.0	San Francisco Bay/Treasure Is	TCM	02/01/93			1.70*							0.73*	0.13*		
307.2	Alameda Yacht Harbor	TCM	01/14/88	135.0*		1.82*	0.67*			7.518*	0.09**					
307.2	Alameda Yacht Harbor	TCM	12/30/88								0.10**					
307.4	Oakland Inner Hbr/Embarcadero	TCM	01/14/88	142.3*		1.72*	0.76*	7.57*	4.14**	5.10*	0.10**					
307.4	Oakland Inner Hbr/Embarcadero	TCM	12/30/88								0.10**					
307.4	Oakland Inner Hbr/Embarcadero	TCM	01/30/91	180.0*						4.50*						
307.4	Oakland Inner Hbr/Embarcadero	TCM	12/17/91			1.60*										
307.4	Oakland Inner Hbr/Embarcadero	TCM	01/20/93	170.0*		1.80*				4.40*						

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(ppm, wet weight)

Station Number	Station Name	Sample Type+	Sample Date	Aluminum	Arsenic	Cadmium	Chromium	Copper	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Titanium	Zinc
307.5	Lake Merritt	RCM	03/16/93	170.0**				1.90*	2.00*	8.60**		0.73*				41.0**
307.6	Oakland Back Harbor	TCM	01/14/88				0.62*			5.34*	0.10**					
307.8	San Francisco Outfall	TCM	12/29/88								0.10**			0.17*		
307.9	San Francisco/Islands Channel	TCM	01/15/88								0.08*			0.32**		
308.0	San Francisco Bay/Hunter's Poi	TCM	01/16/91	310.0**			0.67*							0.23**		
308.0	San Francisco Bay/Hunter's Poi	TCM	12/16/91	220.0**												
308.0	San Francisco Bay/Hunter's Poi	TCM	02/01/93	260.0**		1.60*	0.64*							0.11*		
308.2	Hunter's Point/Shipyard	TCM	12/29/88								0.08*					
309.0	San Mateo Bridge/8B	TCM	02/09/90								0.06			0.10		
309.0	San Mateo Bridge/8B	TCM	01/16/91	190.0*												
309.0	San Mateo Bridge/8B	TCM	12/16/91	280.0**												
309.0	San Mateo Bridge/8B	TCM	02/01/93	280.0**		1.80*	0.72*							0.12*		
313.0	San Francisco Bay/near Redwood	TCM	01/16/91	200.0*			1.80**									
313.0	San Francisco Bay/Near Redwood	TCM	12/16/91	200.0*												
313.0	San Francisco Bay/near Redwood	TCM	02/01/93	300.0**			0.75*			4.40*						
321.0	Dumbarton Bridge/Channel Marke	TCM	01/15/88	136.3*						4.79*						
321.0	Dumbarton Bridge/Channel Marke	TCM	12/29/88							5.43*	0.07*					
321.0	Dumbarton Bridge/Channel Marke	TCM	01/16/91	350.0**			0.81*			6.008*						
321.0	Dumbarton Bridge/Channel Marke	TCM	12/16/91	250.0**						4.70*						
323.3	Palo Alto Outfall	TCM	12/29/88								0.06*					
323.3	Palo Alto Outfall	TCM	02/09/90							5.15*	0.09**			0.17*		
326.0	Palo Alto/Channel Marker 8	TCM	01/16/91	270.0**						7.208*				0.11*		
326.0	Palo Alto/Channel Marker 8	TCM	12/16/91	240.0**						6.308*						
326.0	Palo Alto/Channel Marker 8	TCM	02/01/93	130.0*						4.70*			1.20**	0.12*		
336.0	J. Fitzgerald	RCM	01/30/91	92.0*												
399.7	San Lorenzo River/Felton	TFC	02/16/91				2.60*			12.00*	0.04*					
400.2	Younger Lagoon	TCM	02/25/93			1.60*										
400.8	Aptos Creek	TFC	01/31/90		0.95**					17.31**						
400.8	Aptos Creek	RFC	11/14/90							9.30*	0.04*					
400.8	Aptos Creek	TFC	12/19/91				3.20**									
401.1	Santa Cruz/T Dock	TCM	02/08/89					23.73**			0.11**					94.8**
402.1	Azevedo Pond	TCM	02/25/93	130.0*		1.74*	3.20**									
402.2	Parson's Slough	TCM	02/25/93	180.0*		1.70*	1.90**									
402.5	Elkhorn Slough/Tidal Pond	TCM	02/25/93	180.0*		1.80*	1.10*									
403.5	Moss Landing/South Harbor	TCM	01/04/89								0.06*					68.2*
404.0	Sandholdt Bridge	RBM	04/07/88													51.7*
404.0	Sandholdt Bridge	TCM	01/04/89													67.5*
404.0	Sandholdt Bridge	RBM	02/27/89			1.31**										44.4*
404.0	Sandholdt Bridge	TCM	02/19/90	124.5*												
404.0	Sandholdt Bridge	TCM	02/04/91	190.0*												

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404.0	Sandholdt Bridge	TCM	02/01/93	200.0*												
405.2	Old Salinas River 2	TFC	03/16/92			1.20*										
405.7	Salinas River Lag 2	TFC	03/16/92	390.0*				9.00*								
414.0	Pacific Grove	RCM	01/09/89													36.3*
414.0	Pacific Grove	RCM	02/14/91				0.83**					0.70*				39.0**
414.0	Pacific Grove	RCM	01/31/92			2.00*										34.0*
414.0	Pacific Grove	RCM	02/12/93			1.50*										37.0*
421.7	Monterey Harbor/Marina	TCM	01/22/88					12.03**	2.63*		0.07*					94.6**
421.7	Monterey Harbor/Marina	TCM	04/05/89					20.28**	1.81*		0.15**					155.9**
423.1	Carmel Bay/New Control	RCM	05/25/92			1.70*										
423.2	Carmel STP/Control	TCM	04/13/89			2.51**										
423.3	Carmel River	TCM	04/13/89			1.65*								0.10*		
423.4	Carmel STP/10m North	TCM	04/13/89			1.77*								0.10		
423.5	Carmel STP/30m South	TCM	05/14/92			1.70*							0.65*			
423.6	Carmel STP/10m South	TCM	01/22/88			1.74*										
423.6	Carmel STP/10m South	TCM	04/13/89			1.75*								0.10*		
423.7	Carmel STP/100m South	TCM	02/01/91			1.90*										
423.7	Carmel STP/100m South	TCM	05/14/92			1.70*										
423.9	Carmel STP/300m South	TCM	05/14/92			1.70*	0.70*									
424.5	Granite Canyon/Control	TCM	09/21/88								0.20**					
425.4	Lake San Antonio/Buoy	TFC	12/08/87			1.43**										
425.6	Lake San Antonio	RFC	10/28/87			1.66*			0.12*							
425.6	Lake San Antonio	RFC	09/14/88											0.06**		
425.6	Lake San Antonio	RFC	08/15/89	57.0*		2.48**										17.2*
425.6	Lake San Antonio	TFC	05/25/92								0.44*					
426.5	Cayucos Pier	TCM	09/24/87									0.77*			13.71*	
426.5	Cayucos Pier	TCM	09/25/88		2.33*										7.68*	
426.5	Cayucos Pier	TCM	02/28/89									0.91*			10.13*	
426.5	Cayucos Pier	TCM	09/27/89			1.82*						0.89*				
426.5	Cayucos Pier	TCM	03/05/90									0.86*			7.94*	
426.5	Cayucos Pier	TCM	09/03/90			2.30**										
426.5	Cayucos Pier	TCM	02/25/91				7.50**									
428.0	Cayucos	RCM	09/24/87				0.53*					0.77*				
428.0	Cayucos	RCM	03/14/88				0.69*	1.60*				0.78*			6.81*	
428.0	Cayucos	RCM	09/25/88							2.04*	0.07*	0.82**				
428.0	Cayucos	RCM	02/28/89					1.82*				0.92**				
428.0	Cayucos	RCM	09/27/89	78.1*			0.64*			2.52*		0.97**			10.15**	
428.0	Cayucos	RCM	03/05/90	76.0*			0.54*			2.00*		1.03**				
428.0	Cayucos	RCM	09/03/90	110.0**			0.61*			2.70**					36.0*	
428.0	Cayucos	RCM	02/25/91	170.0**			7.90**	1.60*		4.00**						

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428.0	Cayucos	RCM	09/09/91	95.0*												
428.0	Cayucos	RCM	02/25/92	120.0**						2.30*						
429.2	Morro Bay/Boat Works	RBM	03/14/88			1.19*	0.52*									
429.2	Morro Bay/Boat Works	TCM	01/20/93	180.0*		1.70*	1.50**				0.06*					
430.0	Montana De Oro	RCM	09/24/87					1.52*								
430.0	Montana De Oro	RCM	12/14/87				0.68*	1.85*								
430.0	Montana De Oro	RCM	03/14/88				0.52*									
430.0	Montana De Oro	RCM	09/26/88					1.55*								
430.0	Montana De Oro	RCM	12/20/88					1.75*								
430.0	Montana De Oro	RCM	02/28/89					1.69*								
430.0	Montana De Oro	RCM	09/27/89			2.03**										
430.0	Montana De Oro	RCM	04/03/90													33.7*
430.0	Montana De Oro	RCM	02/25/91				6.80**									
430.0	Montana De Oro	RCM	02/25/92			1.50*		1.60*					0.51*			
431.0	Lion Rock	RCM	10/05/87			1.72*					0.08*					
431.0	Lion Rock	RCM	09/26/88			2.09**		1.69*								
431.0	Lion Rock	RCM	09/28/89			2.05**										
431.0	Lion Rock	RCM	03/06/90			1.55*										38.9*
432.0	Pup Rock	RCM	10/05/87			1.61*					0.26**					
432.0	Pup Rock	RCM	03/15/88				0.64*									
432.0	Pup Rock	RCM	09/26/88			1.85*										
432.0	Pup Rock	RCM	03/01/89					1.62*			0.13**					37.7*
432.0	Pup Rock	RCM	09/28/89			2.44**										
432.0	Pup Rock	RCM	03/06/90			1.55*										34.5*
433.0	Diablo Cove/North	RCM	03/15/88												6.94*	
433.0	Diablo Cove/North	RCM	09/26/88			1.95*		1.89*								
433.0	Diablo Cove/North	RCM	09/28/89			1.96*										
433.0	Diablo Cove/North	RCM	03/06/90													36.9*
433.0	Diablo Cove/North	RCM	09/04/90			2.00*										
433.0	Diablo Cove/North	RCM	02/26/91				0.76*									
433.0	Diablo Cove/North	RCM	09/09/91			2.10**										
433.0	Diablo Cove/North	RCM	02/26/92	100.0*												
434.0	Diablo Cove/South	RCM	03/15/88				0.55*									
434.0	Diablo Cove/South	RCM	09/26/88			1.93*										
434.0	Diablo Cove/South	RCM	03/01/89			1.64*										
434.0	Diablo Cove/South	RCM	09/28/89			2.46**										13.21**
434.0	Diablo Cove/South	RCM	09/04/90			1.80*										
434.0	Diablo Cove/South	RCM	02/26/91			1.60*	1.10**									
434.0	Diablo Cove/South	RCM	09/09/91			2.00*										
434.0	Diablo Cove/South	RCM	02/26/92	92.0*												

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APPENDIX K (continued)

State Mussel Watch Program

Summary of 1987-93 Data: Trace Elements Exceeding Elevated Data Levels (EDL)

(ppm, wet weight)

Station Number	Station Name	Sample Type+	Sample Date	Aluminum	Arsenic	Cadmium	Chromium	Copper	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Titanium	Zinc
435.0	Intake Cove	RCM	09/26/88			2.39**										
435.0	Intake Cove	RCM	09/28/89			2.98**										
435.0	Intake Cove	RCM	09/04/90			2.20**										
435.0	Intake Cove	RCM	02/26/91			1.50*	2.50**									
435.0	Intake Cove	RCM	09/09/91			2.30**										
435.0	Intake Cove	RCM	02/26/92	86.0*												
436.0	Pecho Rock	RCM	09/26/88			1.80*		1.63*			0.09*					
436.0	Pecho Rock	RCM	03/01/89					1.76*			0.08*					
436.0	Pecho Rock	RCM	09/28/89			3.10**										
436.0	Pecho Rock	RCM	03/06/90								0.08*					
437.0	Point San Luis	RCM	03/14/88												7.52*	
437.0	Point San Luis	RCM	09/27/89			1.69*										
437.0	Point San Luis	RCM	09/03/90			1.50*										
437.0	Point San Luis	RCM	02/25/91				1.50**									35.0*
437.0	Point San Luis	RCM	02/26/92	110.0**												
438.0	Avila	RCM	09/24/87												5.75*	
438.0	Avila	RCM	02/25/91	87.0*			0.62*									
438.0	Avila	RCM	02/25/92	96.0*												
440.0	Lion Rock/Transplant	TCM	12/15/87												7.85*	
440.0	Lion Rock/Transplant	TCM	09/26/88			2.10**										
440.0	Lion Rock/Transplant	TCM	09/28/89			2.85**										
440.0	Lion Rock/Transplant	TCM	09/04/90			2.40**										
440.0	Lion Rock/Transplant	TCM	02/26/91				2.50**									
441.0	Lion/Diablo/Transplant	TCM	09/28/89			1.76*										
441.0	Lion/Diablo/Transplant	TCM	09/04/90			2.20**										
441.0	Lion/Diablo/Transplant	TCM	02/26/91				0.90*									
441.0	Lion/Diablo/Transplant	TCM	02/26/92	130.0*												
442.0	Diablo Cove/North/Transplant	TCM	12/15/87									0.78*			7.57*	
442.0	Diablo Cove/North/Transplant	TCM	03/15/88												11.19*	
442.0	Diablo Cove/North/Transplant	TCM	09/26/88			1.64*										
442.0	Diablo Cove/North/Transplant	TCM	09/28/89			2.88**										
442.0	Diablo Cove/North/Transplant	TCM	09/04/90			2.30**										
442.0	Diablo Cove/North/Transplant	TCM	02/26/91				1.40**									
442.1	Diablo Cove/N/Transplant/Shell	TCM	02/26/91				1.50**									
443.0	Diablo Cove/South/Transplant	TCM	12/15/87												14.52*	
443.0	Diablo Cove/South/Transplant	TCM	09/26/88			2.58**										
443.0	Diablo Cove/South/Transplant	TCM	09/28/89			2.48**										
443.0	Diablo Cove/South/Transplant	TCM	02/26/91				4.50**									
443.0	Diablo Cove/South/Transplant	TCM	02/26/92	140.0*												
443.1	Diablo Cove/S/Transplant/Shell	TCM	02/26/91				2.40**									

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APPENDIX K (continued)

State Mussel Watch Program

Summary of 1987-93 Data: Trace Elements Exceeding Elevated Data Levels (EDL)

(ppm, wet weight)

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Station Number	Station Name	Sample Type+	Sample Date	Aluminum	Arsenic	Cadmium	Chromium	Copper	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Titanium	Zinc
444.0	Intake Cove/Transplant	TCM	02/26/91				0.83*									
445.0	San Luis Harbor/Transplant	TCM	03/01/89		2.73*											
445.0	San Luis Harbor/Transplant	TCM	09/28/89			1.61*										
445.0	San Luis Harbor/Transplant	TCM	12/13/89		2.30*											
445.0	San Luis Harbor/Transplant	TCM	09/04/90			1.90*										
445.0	San Luis Harbor/Transplant	TCM	02/25/91		2.30*		2.10**									
450.0	Point Conception	RCM	03/20/89					1.74*								41.5**
450.0	Point Conception	RCM	01/04/91				0.77*									35.0*
455.0	Gaviota	RCM	01/26/88					1.54*								
455.0	Gaviota	TCM	03/21/89			1.96**										
470.0	Santa Barbara Harbor	TCM	01/26/88					17.41**	2.55*		0.06					86.1**
470.0	Santa Barbara Harbor	TCM	12/18/88			1.64*		20.90**			0.08*					86.9**
480.0	Lake Isabella	RFC	02/09/93				1.50*									
485.0	Ventura Marina	TCM	01/25/88					17.91**								80.3**
506.1	Port Hueneme/Wharf B	TCM	01/25/88					17.95**								82.2**
506.2	Port Hueneme/Wharf 1	TCM	01/25/88													54.5*
553.0	Marina Del Rey/Entrance	TCM	12/19/88						3.21**					0.18*		
554.0	Marina Del Rey/Harbor Patrol D	TCM	01/25/88					12.00**	9.79**							142.0**
554.0	Marina Del Rey/Harbor Patrol D	TCM	12/19/88					10.51*	4.93**							73.8*
555.0	Marina Del Rey/Basin G	TCM	01/25/88			1.59*		29.42**	5.62**	6.038*				0.11*		150.4**
555.0	Marina Del Rey/Basin G	TCM	12/19/88					16.64**	3.12**							88.2**
555.2	Marina Del Rey/Basin D	TCM	01/25/88			1.85*		29.08**	5.14**	4.62*	0.06			0.11*		177.9**
556.0	Marina Del Rey/Basin E	TCM	01/25/88			1.58*		13.85**	6.00**	4.86*						123.7**
556.0	Marina Del Rey/Basin E	TCM	12/19/88					13.63**								70.1*
557.0	Marina Del Rey/Ballona Creek	RBM	01/25/88				0.53*									
559.0	King Harbor	TCM	12/28/87			1.57*		27.54**	4.94**		0.07*					109.2**
601.0	LA Harbor/National Steel	TCM	12/28/87						3.03**							57.3*
601.0	LA Harbor/National Steel	TCM	12/19/88						2.19*							54.9*
601.0	LA Harbor/National Steel	RBM	01/06/93				0.78*	3.10*								45.0*
602.5	LA Harbor/Todd Shipyards	TCM	12/28/87					6.45*	3.10**	6.858*						79.4**
602.5	LA Harbor/Todd Shipyards	TCM	12/19/88					7.27*		5.10*						57.5*
602.6	LA Harbor/Berth 50	TCM	12/22/89					34.46**								63.7*
602.7	LA Harbor/Pacific Ave/Storm Dr	TCM	12/28/87					5.70*	2.99**							96.9**
602.8	LA Harbor/Berth 49	TCM	12/28/87					40.67**	2.73**							87.3**
602.8	LA Harbor/Berth 49	TCM	12/19/88					48.59**								
602.8	LA Harbor/Berth 49	TCM	12/22/89					17.76**								
602.8	LA Harbor/Berth 49	TCM	12/22/89					17.00**								
602.8	LA Harbor/Berth 49	TCM	12/23/90	130.0*				11.00*								
602.9	LA Harbor/Berth 51	TCM	12/22/89					11.17*								
603.0	LA Harbor/Berth 151	TCM	12/28/87						2.35*							

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APPENDIX K (continued)

State Mussel Watch Program

Summary of 1987-93 Data: Trace Elements Exceeding Elevated Data Levels (EDL)
(ppm, wet weight)

Station Number	Station Name	Sample Type+	Sample Date	Aluminum	Arsenic	Cadmium	Chromium	Copper	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Titanium	Zinc
603.6	LA Harbor/Slip 240	TCM	12/28/87					6.50*	2.43*							
603.8	LA Harbor/West Channel	TCM	12/28/87					6.16*	1.85*							
606.2	LA Harbor/Fish Harbor	TCM	12/28/87						2.57*							
606.3	LA Harbor/Watchorn Basin	TCM	12/28/87					19.71**	1.88*							58.7*
616.0	LA Harbor/Consolidated Slip	TCM	12/28/87				0.64*		2.72**							
616.0	LA Harbor/Consolidated Slip	TCM	12/19/88						2.05*							
616.0	La Harbor/Consolidated Slip	TCM	12/22/91			1.60*			2.10*							
616.0	LA Harbor/Consolidated Slip	RBM	01/06/93													45.0*
619.0	LA Harbor/San Pedro Boatworks	RBM	12/23/90					4.20**								
622.0	LA Harbor/Commer Marine	TCM	12/23/90			1.90*		38.00**			0.06*					110.0**
648.0	Malibu	RBM	12/26/90	190.0**			*****							0.76**		
648.0	Malibu	RBM	01/06/93	180.0*										0.47**		
650.0	Santa Monica	RCM	12/19/88					4.56**	1.25*	2.42*						37.0*
650.0	Santa Monica	RBM	12/26/90	140.0*			8.60**							1.30**		
650.0	Santa Monica	RCM	01/06/93	110.0**			2.90**	3.20**	1.10*					0.93*		35.0*
656.0	Manhattan Beach	RCM	12/19/88					2.75**	1.06*							
658.0	Redondo Beach	RCM	12/19/88					3.22**	1.16*							33.7*
662.0	Royal Palms	RCM	12/28/87						1.58*					0.85*		
662.0	Royal Palms	RCM	12/22/89								0.07*			1.26*		38.7*
662.0	Royal Palms	RCM	12/26/90											0.94*		
662.0	Royal Palms	RCM	11/25/91							2.10*				0.57*		
662.0	Royal Palms	RCM	01/05/93				2.30**							0.92*		44.0**
681.0	Catalina Island/West	RCM	09/04/91						2.80**							
682.0	Catalina Island/Ribbon Rock	RCM	09/19/90													36.0*
682.0	Catalina Island/Ribbon Rock	RCM	02/01/93	84.0*			6.50**	1.90*	2.10*							
707.0	Anaheim Bay/Navy Harbor	TCM	12/23/90	130.0*												
707.0	Anaheim Bay/Navy Harbor	TCM	12/22/91	150.0*												
708.0	Anaheim Bay/Navy Marsh	TCM	12/23/90	190.0*			2.40**									
708.0	Anaheim Bay/Navy Marsh	TCM	12/22/91	130.0*												
708.5	Anaheim Bay/Navy Marsh 2	TCM	12/23/90	240.0**												
708.5	Anaheim Bay/Navy Marsh 2	TCM	12/22/91	160.0*												
710.2	Anaheim Bay/Fuel Docks/South	TCM	12/30/87						2.66*							
713.0	Huntington Harbour/Edinger Str	TCM	12/30/87						2.82**		0.07*					
713.0	Huntington Harbour/Edinger Str	TCM	12/27/89						1.62*							
713.0	Huntington Harbour/Edinger Str	TCM	12/23/90			1.70*										
713.0	Huntington Harbour/Edinger Str	TCM	12/22/91	140.0*												
715.0	Huntington Harbour/Warner Ave	TCM	12/30/87						2.39*							
715.0	Huntington Harbour/Warner Ave	TCM	12/19/88						3.93**	7.948*						
715.0	Huntington Harbour/Warner Ave	TCM	12/27/89						3.45**							
715.0	Huntington Harbour/Warner Ave	TCM	12/23/90						1.70*							

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APPENDIX K (continued)

State Mussel Watch Program

Summary of 1987-93 Data: Trace Elements Exceeding Elevated Data Levels (EDL)

(ppm, wet weight)

Station Number	Station Name	Sample Type+	Sample Date	Aluminum	Arsenic	Cadmium	Chromium	Copper	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Titanium	Zinc
715.0	Huntington Harbour/Warner Ave	TCM	12/22/91						1.60*	4.80*						
715.0	Huntington Harbour/Warner Ave	TCM	01/06/93	170.0*			0.72*									55.0*
717.0	Huntington Harbour/Harbor Lane	TCM	12/30/87						2.54*	9.638*						56.9*
717.0	Huntington Harbour/Harbor Lane	TCM	12/19/88						3.03**	5.54*						
717.0	Huntington Harbour/Harbor Lane	TCM	12/22/91					5.00*	2.60*							54.0*
719.1	Santa Ana River/Prado Dam	TFC	04/02/92					11.00*					0.44*			
719.1	Santa Ana River/Prado Dam	TFC	03/17/93	680.0**			2.20*	10.00*	0.38*	12.00*						
719.8	Temescal Creek/Nichols Road	TFC	04/02/92					15.00**			0.04*			0.05**		
720.5	Newport Bay/Offshore Ref	TCM	12/21/90	150.0*										0.11*		
721.0	Newport Bay/Entrance	TCM	12/21/90	130.0*												
723.0	Newport Bay/Bay Island	TCM	12/21/90				1.40**									
723.4	Newport Bay/Turning Basin	TCM	12/21/87			1.60*										
723.4	Newport Bay/Turning Basin	TCM	12/21/90						1.60*							71.0*
723.4	Newport Bay/Turning Basin	TCM	12/22/91													64.0*
724.0	Newport Bay/Highway 1 Bridge	TCM	12/21/87							5.53*						
724.0	Newport Bay/Highway 1 Bridge	TCM	01/05/93	230.0**		1.90*				7.808*						
725.0	Newport Bay/Crows Nest	TCM	12/21/87						1.98*							65.5*
725.0	Newport Bay/Crows Nest	TCM	12/20/88					8.49*			0.08*					55.2*
725.0	Newport Bay/Crows Nest	TCM	12/27/89					5.80*								
725.0	Newport Bay/Crows Nest	TCM	12/21/90			1.70*		6.40*			0.06*					88.0**
725.0	Newport Bay/Crows Nest	TCM	12/22/91						2.10*		0.06*					74.0**
725.0	Newport Bay/Crows Nest	TCM	01/05/93				2.30**	8.30*								76.0**
726.0	Newport Bay/Rhine Channel/Uppe	TCM	12/21/87					9.11*	1.99*	4.86*						71.7*
726.0	Newport Bay/Rhine Channel/Uppe	TCM	12/20/88					10.77*	1.90*		0.08**					57.9*
726.4	Newport Bay/Rhine Channel/End	TCM	12/21/87							5.12*						
726.4	Newport Bay/Rhine Channel/End	TCM	12/27/89					9.92*								67.7*
726.4	Newport Bay/Rhine Channel/End	TCM	12/21/90				1.10*	5.20*			0.06*					78.0**
726.4	Newport Bay/Rhine Channel/End	TCM	12/22/91						2.60*	4.40*	0.07*					70.0*
726.4	Newport Bay/Rhine Channel/End	TCM	01/05/93			2.70**	1.40**	11.00*		6.808*	0.06*					98.0**
727.0	Garden Grove/Wintersburg Chann	TFC	01/23/91						0.41**		0.07**					25.0*
727.0	Garden Grove/Wintersburg Chann	TFC	03/17/93					19.00**	0.24*	10.00*	0.05**			0.04**		26.0**
728.4	Upper Newport Bay/MacArthur	TFC	03/07/88			1.03*										
728.4	Upper Newport Bay/MacArthur	TFC	03/14/90						0.22*							24.5*
728.4	Upper Newport Bay/MacArthur	TFC	01/23/91			8.40**										
728.5	Upper Newport Bay/Drain 2	TFC	03/14/90													
728.7	Upper Newport Bay/Drain 4	TFC	03/14/90	479.4**			2.84*	24.01**	0.80**							24.2*
728.7	Upper Newport Bay/Drain 4	TFC	03/17/93					9.70*			0.05*					45.3**
728.8	Upper Newport Bay/San Diego Cr	TFC	03/07/88			1.27**										
728.9	Upper Newport Bay/Drain 5	TFC	03/14/90						0.76**							20.6*
730.0	Huntington Beach Pier	RCM	12/26/90	160.0**				2.10**	1.10*	3.50**				0.56*		41.0**

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APPENDIX K (continued)

State Mussel Watch Program

Summary of 1987-93 Data: Trace Elements Exceeding Elevated Data Levels (EDL)
(ppm, wet weight)

Station Number	Station Name	Sample Type+	Sample Date	Aluminum	Arsenic	Cadmium	Chromium	Copper	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Titanium	Zinc
735.0	Corona Del Mar	RCM	12/26/90					1.80*						0.77*		46.0**
740.0	Dana Point Harbor/Boat Yard	TCM	12/21/91					12.00**								59.0*
740.0	Dana Point Harbor/Boat Yard	TCM	01/05/93	200.0*		2.40**		15.00**								110.0**
744.1	San Onofre 1	TCM	01/30/89											0.14*		
744.1	San Onofre 1	TCM	09/27/90											0.26**		
744.1	San Onofre 1	TCM	03/12/91				1.70**							0.15*		
744.1	San Onofre 1	TCM	10/24/91											0.27**		
744.1	San Onofre 1	TCM	03/25/92	130.0*												
744.2	San Onofre 2	TCM	01/30/89											0.13*		
744.2	San Onofre 2	TCM	11/22/89											0.22**		
744.2	San Onofre 2	TCM	10/01/90											0.23**		
744.2	San Onofre 2	TCM	03/12/91											0.12*		
744.2	San Onofre 2	TCM	03/25/92	140.0*									0.63*			
744.3	San Onofre 3	TCM	11/22/89											0.22**		
744.3	San Onofre 3	TCM	04/04/90											0.12*		
744.3	San Onofre 3	TCM	09/27/90											0.27**		
744.3	San Onofre 3	TCM	03/25/92	130.0*												
744.4	San Onofre 4	TCM	01/30/89											0.12*		
744.4	San Onofre 4	TCM	11/22/89											0.35**		
744.4	San Onofre 4	TCM	04/04/90											0.12*		
744.4	San Onofre 4	TCM	03/12/91				1.20**							0.13*		
744.4	San Onofre 4	TCM	10/24/91											0.28**		
744.5	San Onofre 5	TCM	01/30/89											0.12*		
744.5	San Onofre 5	TCM	11/22/89											0.33**		
744.5	San Onofre 5	TCM	04/04/90											0.11*		
744.5	San Onofre 5	TCM	10/01/90											0.23**		
744.5	San Onofre 5	TCM	03/12/91				0.82*							0.18*		
744.6	San Onofre 6	TCM	01/30/89											0.15*		
744.6	San Onofre 6	TCM	11/22/89											0.34**		
744.6	San Onofre 6	TCM	04/04/90											0.13*		
744.6	San Onofre 6	TCM	03/12/91		2.50*		0.74*									
744.6	San Onofre 6	TCM	10/24/91											0.17*		
744.6	San Onofre 6	TCM	03/25/92	150.0*												
748.0	Oceanside/Harbor	TCM	12/21/87	123.7*				11.54*								68.3*
748.0	Oceanside/Harbor	TCM	01/05/93			1.70*	1.30**	5.30*								55.0*
748.0	Oceanside/Harbor	TCM	12/21/91					8.50*								
750.0	Oceanside	RCM	12/21/87	85.3*												
750.0	Oceanside	RCM	12/20/88					1.64*								10.24**
750.0	Oceanside	RCM	12/22/90	140.0**				1.70*		2.60*						
750.0	Oceanside	RCM	12/21/91	130.0**						2.80**			0.56**			

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APPENDIX K (continued)

State Mussel Watch Program

Summary of 1987-93 Data: Trace Elements Exceeding Elevated Data Levels (EDL)

(ppm, wet weight)

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Station Number	Station Name	Sample Type+	Sample Date	Aluminum	Arsenic	Cadmium	Chromium	Copper	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Titanium	Zinc
750.0	Oceanside	RCM	09/09/92	110.0**						2.70**						
832.0	La Jolla	RCM	12/22/90	95.0*										0.90*		
832.0	La Jolla	RCM	01/05/93											0.66*		
838.2	Point Loma/Sunset Cliffs	RCM	12/22/87									0.07*				
838.2	Point Loma/Sunset Cliffs	RCM	12/20/88					1.75*								
838.2	Point Loma/Sunset Cliffs	RCM	12/21/89											3.73**		
838.2	Point Loma/Sunset Cliffs	RCM	12/22/90	590.0**			1.50**	7.30**	3.50**	12.00**	0.18**			1.90**		170.0**
838.2	Point Loma/Sunset Cliffs	RCM	11/26/91											0.84*		
838.2	Point Loma/Sunset Cliffs	RCM	09/09/92					1.60*						0.47*		
840.0	Naval Ocean Sys Cntr/Dolphin T	RCM	12/20/88					1.87*								
840.0	Naval Ocean Sys Cntr/Dolphin T	RCM	01/05/93	88.0*				1.70*						0.99*		34.0*
866.0	Fisherman Channel	TCM	12/22/90	140.0*												
868.5	Mission Bay/Landfill 1	TCM	12/22/90	160.0*			1.70**									
868.6	Mission Bay/Landfill 2	TCM	12/21/91	130.0*												
871.0	Mission Bay/South Shore/Rock 2	TCM	01/05/93	170.0*			5.20**									
872.4	Mission Bay/Kendall-Frost Rese	TCM	01/04/93	140.0*			2.00**									
873.5	Mission Bay/Harbor Police	TCM	01/04/93					8.40*								64.0*
881.0	San Diego Bay/Sweetwater Marsh	TCM	12/21/88													57.1*
881.3	Sweetwater River/Mouth 1	TCM	01/15/91	260.0**												58.0*
881.3	Sweetwater River/Mouth 1	TCM	12/21/91			1.60*				6.008*						
881.5	San Diego Bay/Rohr Channel Mou	TCM	01/05/93	210.0**		1.60*				4.70*						
882.0	24th St Maritime Terminal/Sout	TCM	12/22/87					7.85*								
882.0	24th St Maritime Terminal/Sout	TCM	12/21/91							4.40*						
882.2	24Th St Maritime Terminal/Nort	TCM	12/21/88					10.81*		5.75*						
882.2	24Th St Maritime Terminal/Nort	TCM	12/21/89					5.04*								54.5*
882.2	24Th St Maritime Terminal/Nort	TCM	01/05/93	150.0*				8.40*								
882.5	San Diego Bay/NASSCO Pier 12	TCM	12/22/87					5.67*								
882.7	San Diego Bay/Sampson Street P	TCM	12/22/87					22.64**		7.498*	0.07*					77.7**
882.7	San Diego Bay/Sampson Street P	TCM	12/21/88					12.25**								57.5*
882.7	San Diego Bay/Sampson Street P	TCM	01/05/93			1.90*	1.00*	5.40*								
882.8	San Diego Bay/KELCO Pier	TCM	12/21/88					9.85*						0.10		
882.8	San Diego Bay/KELCO Pier	TCM	12/21/91					6.10*		4.40*						
882.8	San Diego Bay/KELCO Pier	TCM	12/21/91			2.00**		7.40*								59.0*
882.9	San Diego Bay/Coronado Brdg/Ea	TCM	12/21/88					12.49**						0.18*		57.8*
883.1	San Diego Bay/Chollas Creek	TCM	12/21/88					8.17*	2.16*	5.78*						64.8*
883.4	San Diego Bay/Continental Mari	TCM	12/21/88					7.75*								
883.4	San Diego Bay/Continental Mari	TCM	01/05/93			1.80*	2.00**									
883.5	San Diego Bay/Tuna Docks	TCM	12/21/88					7.86*								56.1*
883.6	San Diego Bay/7th Street Chann	TCM	12/22/87					6.37*	3.40**	7.418*						92.1**
883.6	San Diego Bay/7th Street Chann	TCM	12/21/88					16.52**	2.63*	10.368*				0.11*		81.4**

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APPENDIX K (continued)

State Mussel Watch Program

Summary of 1987-93 Data: Trace Elements Exceeding Elevated Data Levels (EDL)
(ppm, wet weight)

Station Number	Station Name	Sample Type+	Sample Date	Aluminum	Arsenic	Cadmium	Chromium	Copper	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Titanium	Zinc
883.7	San Diego Bay/Terminal S-10th	TCM	01/05/93			2.00**		5.00*								
885.2	San Diego Bay/32nd Street	TCM	12/21/88				0.64*	9.37*		4.65*						52.9*
886.2	San Diego Gas&Electric Silverg	TCM	12/21/88					8.95*		5.13*						57.1*
887.0	San Diego Bay/Evans Street	TCM	12/22/90				1.70**	7.20*								64.0*
887.0	San Diego Bay/Evans Street	TCM	12/21/91					5.10*								
887.0	San Diego Bay/Evans Street	TCM	01/05/93			1.70*		7.50*								72.0*
888.0	San Diego Bay/Coronado Bridge	TCM	12/21/91					6.80*								56.0*
888.0	San Diego Bay/Coronado Bridge	TCM	01/05/93				2.30**									
893.0	San Diego Bay/Laurel Street	TCM	01/05/93				2.60**									
894.0	SD Bay/Harbor Is/E Basin/Storm	TCM	12/22/87				1.37**		3.46**					0.14*		61.6*
894.0	SD Bay/Harbor Is/E Basin/Storm	TCM	12/21/88				0.94*	7.75*	2.93**					0.26**		65.8*
894.0	SD Bay/Harbor Is/E Basin/Storm	TCM	12/21/89				1.15*	5.92*	2.44*					0.20**		61.6*
894.0	SD Bay/Harbor Is/E Basin/Storm	TCM	12/22/90	170.0*		1.70*	*****	11.00*	3.00**	6.108*	0.06*			0.29**		69.0*
894.0	SD Bay/Harbor Is/E Basin/Storm	RBM	12/21/91			1.10*	1.30**	4.50**						0.12*		
894.0	SD Bay/Harbor Is/E Basin/Storm	TCM	01/05/93			1.90*	0.79*	6.40*	1.90*					0.19**		69.0*
894.1	SD Bay/Harbor Is/E Basin/Storm	TCM	12/21/88					11.40*								
894.2	SD Bay/Harbor Is/E Basin/E End	TCM	12/21/88				0.65*	6.89*								
894.3	SD Bay/Harbor Is/E Basin/Mid C	TCM	12/21/88				0.76*	4.79*	1.67*							
895.6	San Diego Bay/Grape St Storm D	TCM	01/05/93			1.90*										
897.5	Commercial Basin/North Harbor	TCM	12/22/87					7.08*	1.73*	4.95*	0.07*					109.8**
898.0	Commercial Basin/Carlton Stree	TCM	12/21/88					12.76**			0.07*					
898.0	Commercial Basin/Carlton Stree	TCM	12/21/89					20.86**	1.75*		0.11**					97.2**
898.0	Commercial Basin/Carlton Stree	TCM	01/05/93			2.10**		11.00*			0.08*					94.0**
899.0	San Diego Bay/Shelter Is/Fshg	TCM	01/05/93	130.0*												54.0*
899.2	San Diego Bay/Shelter Island	TCM	01/05/93					24.00**			0.08*					120.0**
899.4	San Diego Bay/Shelter Is/Fuel	TCM	12/22/87					8.28*			0.06*					85.9**
904.0	Imperial Beach/Pier	RCM	12/22/90	130.0**				2.00**		2.50*				0.73*		34.0*

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