

APPENDIX F

Summary of 1987-93 Data Organic Chemicals Exceeding Selected Criteria (ppb, wet weight)

APPENDIX F

State Mussel Watch Program

Summary of 1987-93 Data: Organic Chemicals Exceeding Selected Criteria (ppb, wet weight)

Station Number	Station Name	Sample Type*	Sample Date	Aldrin	Chlor-ben-side	Total Chlor-dane	Chlor-pyrifos	Dacthal	Diaz-inon	Total DDT	Di-chloro-benzophenone
2.0	Crescent City/STP Outfall	RCM	02/12/88								
2.0	Crescent City/STP Outfall	RCM	02/17/89								
2.0	Crescent City/STP Outfall	RCM	02/23/90								
2.0	Crescent City/STP Outfall	RCM	03/12/92			5.1*					
3.0	Crescent City/Control	RCM	02/12/88								
3.0	Crescent City/Control	RCM	02/23/90								
3.0	Crescent City/Control	RCM	03/12/92								
10.0	Trinidad Head	RCM	09/08/87								
10.0	Trinidad Head	RCM	09/20/88								
10.0	Trinidad Head	RCM	09/28/89								

Station Number	Dicofol	Diel-drin	Total Endo-sulfan	Endrin	Ethion	alpha-HCH	beta-HCH	delta-HCH	Gamma-HCH	Hepta-chlor	Hepta-chlor-epoxide	Hexa-chloro-benzene
2.0									0.9**			
2.0		2.1*	0.5						0.2*			
2.0												
2.0												
3.0							0.6*		0.2*			
3.0									0.2*			
3.0									0.2*			
10.0												
10.0						1.6*	0.5*					
10.0							1.3**		0.3**			

Station Number	Methoxy-chlor	Ethyl-para-thion	Methyl-para-thion	Oxa-diazon	Phenol	Penta-chloro-phenol	Tetra-chloro-phenol	Total PCB	Tetra-difon	Toxa-phene	Tri-butyl-tin
2.0											
2.0											
2.0											
2.0											
3.0											
3.0											
3.0											
3.0											
10.0											4.5*
10.0						1.3*					
10.0							1.1*				

<p>* RCM = Resident California Mussel RBM = Resident Bay Mussel TCM = Transplanted California Mussel</p>	<p>TFC = Transplanted Fresh Water Clam RFC = Resident Fresh Water Clam # = Equals or exceeds NAS recommended guideline.</p>	<p>* = Equals or exceeds EDL 85. ** = Equals or exceeds EDL 95.</p>	<p>## = Equals or exceeds FDA action level.</p>
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Station Number	Station Name	Sample Type*	Sample Date	Aldrin	Chlorben- side	Total Chlor- dane	Chlor- pyrifos	Dacthal	Diaz- inon	Total DDT	Di- chloro- benzophenone
10.0	Trinidad Head	RCM	09/18/90								
10.0	Trinidad Head	RCM	10/08/91								
100.0	Mad River Slough	TCM	02/25/92								
100.5	Arcata Dock	TCM	02/25/92								
155.1	Lake Pillsbury 1	TFC	03/31/93								
176.0	Lake Sonoma	TFC	03/30/93								
190.0	Estero Americano	RCM	02/06/90								
190.0	Estero Americano	RCM	03/05/92								
202.0	Bodega Head	RCM	08/14/87								
202.0	Bodega Head	RCM	08/24/88								

Station Number	Dicofol	Diel- drin	Total Endo- sulfan	Endrin	Ethion	alpha- HCH	beta- HCH	delta- HCH	Gamma- HCH	Hepta- chlor	Hepta- chlor- epoxide	Hexa- chloro- benzene
10.0						1.7**						
10.0									0.3**			
100.0												
100.5												
155.1									0.6*			
176.0									0.6*			
190.0							0.6*					
190.0		1.7*							0.2*			
202.0												
202.0		1.6*										

Station Number	Methoxy- chlor	Ethyl- para- thion	Methyl- para- thion	Oxa- diazon	Phenol	Penta- chloro- phenol	Tetra- chloro- phenol	Total PCB	Tetra- difon	Toxa- phene	Tri- butyl- tin
10.0											
10.0							2.1*				
100.0						32.0*	4.1*				
100.5							2.9*				
155.1											
176.0											
190.0											
190.0											
202.0											2.8*
202.0											

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202.0	Bodega Head	RCM	08/28/89		0.2*						
202.0	Bodega Head	RCM	08/22/90								
202.0	Bodega Head	RCM	08/28/91								
202.0	Bodega Head	RCM	09/01/92								
205.0	Bodega Harbor/Spud Point Marina	TCM	01/10/92								
207.0	Point Reyes	RCM	01/29/91								
280.0	Russian River/S Goat Rock	TCM	02/25/93								
294.5	Green Valley Creek 1	TFC	03/30/93								4.9**
294.6	Green Valley Creek 2	TFC	03/30/93								
295.1	Santa Rosa Fl Con Ch/Willowside Rd	TFC	01/30/91								

Station Number	Dicofol	Diel- drin	Total Endo- sulfan	Endrin	Ethion	alpha- HCH	beta- HCH	delta- HCH	Gamma- HCH	Hepta- chlor	Hepta- chlor- epoxide	Hexa- chloro- benzene
202.0												
202.0		1.8*										
202.0						2.0**			0.2*			
202.0		1.8*						0.3**	0.2*			
205.0												
207.0		2.1*										
280.0							0.2**					0.3*
294.5									0.6*			
294.6								0.2**	0.7*			
295.1										0.1*		

Station Number	Methoxy- chlor	Ethyl- para- thion	Methyl- para- thion	Oxa- diazon	Phenol	Penta- chloro- phenol	Tetra- chloro- phenol	Total PCB	Tetra- difon	Toxa- phene	Tri- butyl- tin
202.0					0.3*						44.5**
202.0											
202.0							5.0**				
202.0											
205.0							6.2**				
207.0											
280.0											
294.5											
294.6											
295.1											

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Station Number	Station Name	Sample Type*	Sample Date	Aldrin	Chlorben- side	Total Chlor- dane	Chlor- pyrifos	Dacthal	Diaz- inon	Total DDT	Di- chloro- benzophenone	
295.2	Laguna de Santa Rosa/Stony Point	TFC	12/05/88						5.9*			
295.4	Russian River/Wholer Bridge	TFC	01/30/91									
295.4	Russian River/Wholer Bridge	TFC	04/07/92									
298.0	Brannan Island	RFC	12/29/87									
302.0	Point Pinole	TCM	01/14/88									
302.0	Point Pinole	TCM	01/20/93				0.3*					
302.4	Castro Cove Bridge	TCM	01/18/88	2.7**		63.7**						
303.1	Santa Fe Channel/Mouth	TCM	03/22/91									
303.2	Lauritzen Canal/Mouth	TCM	01/14/88							628.7**		
303.3	Lauritzen Canal/End	TCM	01/14/88	36.4**		70.0**				5073.6**		
Station Number	Dicofol	Diel- drin	Total Endo- sulfan	Endrin	Ethion	alpha- HCH	beta- HCH	delta- HCH	Gamma- HCH	Hepta- chlor	Hepta- chlor- epoxide	Hexa- chloro- benzene
295.2								0.5**				
295.4									1.0**			
295.4						0.1*			0.7*			
298.0			0.7*						0.3*			
302.0										0.1**		
302.0												
302.4		18.2**										
303.1		7.7*										
303.2		87.0**		6.3**								0.3**
303.3		602.0##		61.6**		5.5**	1.4**	4.2**	1.3**			
Station Number	Methoxy- chlor	Ethyl- para- thion	Methyl- para- thion	Oxa- diazon	Phenol	Penta- chloro- phenol	Tetra- chloro- phenol	Total PCB	Tetra- difon	Toxa- phene	Tri- butyl- tin	
295.2												
295.4												
295.4												
298.0												
302.0												
302.0												
302.4												
303.1												
303.2												
303.3		2.2**						196.0*		196.0**		

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303.3	Lauritzen Canal/End	TCM	03/22/91	3.6**						1369.3**	
303.4	Santa Fe Channel/End	TCM	03/22/91	0.7**						368.8**	
303.6	Richmond Inner Harbor Basin	TCM	01/14/88								
303.6	Richmond Inner Harbor Basin	TCM	12/29/88				1.0*				
304.4	Serl Intake	TCM	03/22/91								
307.0	San Francisco Bay/Treasure Is	TCM	02/01/93				0.6*				
307.2	Alameda Yacht Harbor	TCM	01/14/88	0.1**							
307.2	Alameda Yacht Harbor	TCM	12/30/88								
307.4	Oakland Inner Hbr/Embarcadero Cove	TCM	01/20/93				0.9*				
307.5	Lake Merritt	RBM	05/22/92								

Station Number	Dicofol	Diel- drin	Total Endo- sulfan	Endrin	Ethion	alpha- HCH	beta- HCH	delta- HCH	Gamma- HCH	Hepta- chlor	Hepta- chlor- epoxide	Hexa- chloro- benzene
303.3		100.0**										0.2**
303.4		32.5**										
303.6		8.6*										
303.6								0.2**				
304.4												
307.0												
307.2												0.3*
307.2		7.1*										
307.4										0.1**		0.4*
307.5												0.5**

Station Number	Methoxy- chlor	Ethyl- para- thion	Methyl- para- thion	Oxa- diazon	Phenol	Penta- chloro- phenol	Tetra- chloro- phenol	Total PCB	Tetra- difon	Toxa- phene	Tri- butyl- tin
303.3				1.5*							
303.4				1.2*							
303.6											
303.6											
304.4				1.8*							
307.0				1.1*							
307.2											
307.2											
307.4											
307.5				1.3**							

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307.5	Lake Merritt	RCM	03/16/93			10.8**		0.3*			0.3**
307.6	Oakland Back Harbor	TCM	01/14/88								
307.9	San Francisco/Islands Channel	TCM	01/15/88				0.8*				
308.0	San Francisco Bay/Hunter's Point	TCM	02/01/93				0.6*				
308.2	Hunter's Point/Shipyard	TCM	01/15/88								
308.2	Hunter's Point/Shipyard	TCM	12/29/88								
309.0	San Mateo Bridge/8B	TCM	02/01/93				0.7*				
313.0	San Francisco Bay/near Redwood Cr	TCM	02/01/93				0.6*				
321.0	Dumbarton Bridge/Channel Marker 14	TCM	01/18/82								
323.3	Palo Alto Outfall	TCM	12/29/88								

Station Number	Dicofol	Diel- drin	Total Endo- sulfan	Endrin	Ethion	alpha- HCH	beta- HCH	delta- HCH	Gamma- HCH	Hepta- chlor	Hepta- chlor- epoxide	Hexa- chloro- benzene
307.5		2.4*									0.1**	
307.6												
307.9								0.5**	0.5*			
308.0											0.3*	
308.2												
308.2												
309.0											0.4*	
313.0												
321.0		7.6*							0.9**			
323.3									0.5*			

Station Number	Methoxy- chlor	Ethyl- para- thion	Methyl- para- thion	Oxa- diazon	Phenol	Penta- chloro- phenol	Tetra- chloro- phenol	Total PCB	Tetra- difon	Toxa- phene	Tri- butyl- tin
307.5								100.0**			
307.6						28.8*					
307.9											
308.0											
308.2								273.0*			
308.2								265.6*			
309.0										12.0*	
313.0											
321.0											
323.3											

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Station Number	Station Name	Sample Type*	Sample Date	Aldrin	Chlorben- side	Total Chlor- dane	Chlor- pyrifos	Dacthal	Diaz- inon	Total DDT	Di- chloro- benzophenone
323.3	Palo Alto Outfall	TCM	02/09/90								
326.0	Palo Alto/Channel Marker 8	TCM	12/16/91								
326.0	Palo Alto/Channel Marker 8	TCM	02/01/93				1.4**				
399.7	San Lorenzo River/Felton	TFC	02/16/91								
401.1	Santa Cruz/T Dock	TCM	02/08/89								
401.3	Moss Landing/Yacht Harbor	TCM	01/04/89					6.4**			
401.5	Watsonville Slough/Bridge	TFC	02/02/88	1.0*					110.0**		4.0*
401.5	Watsonville Slough/Bridge	TFC	03/10/93	1.0*		49.4*				1058.1#	
401.6	Harkins Slough Bridge	TFC	02/02/88								6.2**
401.8	San Andreas Road	TFC	02/03/88	0.7*							

Station Number	Dicofol	Diel- drin	Total Endo- sulfan	Endrin	Ethion	alpha- HCH	beta- HCH	delta- HCH	Gamma- HCH	Hepta- chlor	Hepta- chlor- epoxide	Hexa- chloro- benzene
323.3									0.8**			0.2*
326.0									1.3**			0.2*
326.0												
399.7										0.7**		
401.1												
401.3		14.2*	30.7*									
401.5	55.0*					0.1*				0.3**		3.0**
401.5		170.0*		18.0*				0.7*				2.6**
401.6	88.0*									0.3**		1.0*
401.8	40.5*	126.0*										2.0*

Station Number	Methoxy- chlor	Ethyl- para- thion	Methyl- para- thion	Oxa- diazon	Phenol	Penta- chloro- phenol	Tetra- chloro- phenol	Total PCB	Tetra- difon	Toxa- phene	Tri- butyl- tin
323.3											
326.0				1.3*							
326.0											
399.7											
401.1											1560.0*
401.3											
401.5	2.40**										
401.5				28.0*						1500.0*	
401.6			1.8**								
401.8											

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401.9	Pajaro River Estuary	TFC	03/10/93								
402.1	Azevedo Pond	TCM	02/25/93					6.3**			20.0**
402.2	Parson's Slough	TCM	03/02/88					4.8*			
402.2	Parson's Slough	TCM	01/04/89					4.6*			
402.2	Parson's Slough	TCM	02/25/93				3.7**	25.0**			
402.3	Elkhorn Slough/Pacific Mariculture	TCM	01/04/89					5.4*			
402.5	Elkhorn Slough/Tidal Pond	TCM	02/25/93					22.0**			
403.0	Elkhorn Slough/Highway 1 Bridge	TCM	03/02/88					1.6*			
403.0	Elkhorn Slough/Highway 1 Bridge	TCM	01/04/89					1.0*			
403.2	Moro Cojo	TCM	01/04/89					8.4**			

Station Number	Dicofol	Diel- drin	Total Endo- sulfan	Endrin	Ethion	alpha- HCH	beta- HCH	delta- HCH	Gamma- HCH	Hepta- chlor	Hepta- chlor- epoxide	Hexa- chloro- benzene
401.9					2.7**				0.7*			
402.1		47.0**	12.2*	1.7**							2.0**	
402.2			44.2*								0.2*	
402.2			47.1**								0.7**	
402.2		24.0**	17.8*	2.5**							0.3*	
402.3			23.7*								2.2**	
402.5		20.0**	17.6*	3.4**								
403.0			37.0*									
403.0			13.6*		0.7*							
403.2		20.9**	53.5**	0.8*							1.1**	

Station Number	Methoxy- chlor	Ethyl- para- thion	Methyl- para- thion	Oxa- diazon	Phenol	Penta- chloro- phenol	Tetra- chloro- phenol	Total PCB	Tetra- difon	Toxa- phene	Tri- butyl- tin
401.9	0.50**										
402.1										100.0**	
402.2											
402.2				1.5*						130.0**	
402.3											
402.5				1.4*						74.0*	
403.0											
403.0											
403.2											

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403.6	Moro Cojo Slough	TCM	02/02/88					2.0*			
404.0	Sandholdt Bridge	TCM	01/04/89					7.3**		168.3*	
404.0	Sandholdt Bridge	TCM	02/19/90				1.0*	9.9**	10.0**	236.7*	
404.0	Sandholdt Bridge	TCM	02/04/91					0.8*			
404.0	Sandholdt Bridge	TCM	01/28/92				4.0**	20.0**		217.8*	
404.0	Sandholdt Bridge	TCM	02/01/93	0.2**			7.3**	43.0**		393.3**	
405.2	Old Salinas River 2	TFC	03/10/93								
405.3	Old Salinas River 1	TFC	03/10/93				110.0**	300.0*			
405.7	Salinas River Lag 2	TFC	03/16/92							1068.1#	5.4**
406.0	Westley Station	RFC	01/04/89					0.9**			

Station Number	Dicofol	Diel-drin	Total Endo-sulfan	Endrin	Ethion	alpha-HCH	beta-HCH	delta-HCH	Gamma-HCH	Hepta-chlor	Hepta-chlor-epoxide	Hexa-chloro-benzene
403.6			25.4*									
404.0		11.5*	55.7**	1.4**								
404.0		15.0*	72.0**									
404.0												
404.0		30.0**	35.5*	5.9**							0.4*	
404.0		47.0**	46.8*	6.8**	2.1**						0.5**	0.2**
405.2									0.6*			
405.3				20.0*							0.8*	1.4*
405.7			105.4*	20.0*		0.2*						
406.0			1.1*									

Station Number	Methoxy-chlor	Ethyl-para-thion	Methyl-para-thion	Oxa-diazon	Phenol	Penta-chloro-phenol	Tetra-chloro-phenol	Total PCB	Tetra-difon	Toxa-phene	Tri-butyl-tin
403.6											
404.0										26.9*	
404.0										140.0**	
404.0											
404.0	1.00**			1.2*						83.0**	
405.2										350.0**	
405.3	1.70**										
405.7	3.50**										
406.0											

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406.5	Tembladero Slough	TFC	03/10/93	0.8*			110.0**	250.0*			
407.4	Blanco Pump/West	TFC	03/10/93				61.0*				
409.0	Salinas/Reclamation Canal 4	TFC	02/03/88	1.4*		143.2**	288.0**	171.0*		2556.9#	
414.0	Pacific Grove	RCM	12/19/88					0.4*			
414.0	Pacific Grove	RCM	01/09/89								
414.0	Pacific Grove	RCM	02/08/90								
414.0	Pacific Grove	RCM	01/31/92								
414.0	Pacific Grove	RCM	02/12/93					0.2*			
421.7	Monterey Harbor/Marina	TCM	01/22/88								
421.7	Monterey Harbor/Marina	TCM	04/05/89								

Station Number	Dicofol	Diel- drin	Total Endo- sulfan	Endrin	Ethion	alpha- HCH	beta- HCH	delta- HCH	Gamma- HCH	Hepta- chlor	Hepta- chlor- epoxide	Hexa- chloro- benzene
406.5												
407.4		150.0*								0.1*	1.4*	1.5*
409.0		396.0##		37.8**								
414.0			0.9*							0.1**		
414.0			0.9*									
414.0			0.8*									
414.0												
414.0												
421.7												
421.7												

Station Number	Methoxy- chlor	Ethyl- para- thion	Methyl- para- thion	Oxa- diazon	Phenol	Penta- chloro- phenol	Tetra- chloro- phenol	Total PCB	Tetra- difon	Toxa- phene	Tri- butyl- tin
406.5										660.0*	
407.4										770.0*	
409.0								82.8*		3510.0**	
414.0											
414.0											
414.0						2.7**					
414.0											
421.7										104.4**	2618.6*
421.7											1760.0*

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APPENDIX F (continued)

State Mussel Watch Program

Summary of 1987-93 Data: Organic Chemicals Exceeding Selected Criteria (ppb, wet weight)

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Station Number	Station Name	Sample Type*	Sample Date	Aldrin	Chlorben- side	Total Chlor- dane	Chlor- pyrifos	Dacthal	Diaz- inon	Total DDT	Di- chloro- benzophenone
421.8	Monterey Harbor/Marina/Pier B	TCM	01/22/88								
437.0	Point San Luis	RCM	09/03/90								
460.0	Goleta Slough 1	TCM	12/18/88					1.0*	3.0**		
475.0	Carpinteria Marsh	TCM	01/26/88								
475.0	Carpinteria Marsh	TCM	12/18/88				2.0**				
485.0	Ventura Marina	TCM	01/25/88					5.6*			
506.1	Port Hueneme/Wharf B	TCM	01/25/88								
506.1	Port Hueneme/Wharf B	TCM	12/18/88								
506.3	Port Hueneme/Entrance	TCM	01/25/88								
507.1	Mugu Lagoon/L Street	TCM	12/28/90					15.1**	163.9*		

Station Number	Dicofol	Diel- drin	Total Endo- sulfan	Endrin	Ethion	alpha- HCH	beta- HCH	delta- HCH	Gamma- HCH	Hepta- chlor	Hepta- chlor- epoxide	Hexa- chloro- benzene
421.8												
437.0												
460.0												
475.0			15.4*									
475.0			3.9*									
485.0			6.9*							0.9**		
506.1										0.7**		
506.1												
506.3			2.0*									
507.1			52.9**									

Station Number	Methoxy- chlor	Ethyl- para- thion	Methyl- para- thion	Oxa- diazon	Phenol	Penta- chloro- phenol	Tetra- chloro- phenol	Total PCB	Tetra- difon	Toxa- phene	Tri- butyl- tin
421.8											6418.7**
437.0								15.8*			
460.0											
475.0											
475.0											
485.0											
506.1								234.0*			
506.1								354.9*			
506.3								210.0*			
507.1										47.2*	

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APPENDIX F (continued)

State Mussel Watch Program

Summary of 1987-93 Data: Organic Chemicals Exceeding Selected Criteria (ppb, wet weight)

Station Number	Station Name	Sample Type*	Sample Date	Aldrin	Chlor-ben-side	Total Chlor-dane	Chlor-pyrifos	Dacthal	Diaz-inon	Total DDT	Di-chloro-benzophenone
507.2	Mugu Lagoon/Laguna Road	TCM	12/28/90					3.1*			
507.3	Mugu Lagoon/Calleguas Creek	TCM	12/18/88			40.6**	7.4**	46.2**		594.6**	
507.3	Mugu Lagoon/Calleguas Creek	TCM	12/28/90			23.9*		5.7*		302.7**	
507.8	Revolon Slough	TFC	03/14/88			257.2**	84.0**	658.0**		3845.1#	
507.8	Revolon Slough	TFC	01/29/89			89.8**	77.8**	151.5*		2507.8#	
553.0	Marina Del Rey/Entrance	TCM	12/19/88			30.1*	2.1**				2.5*
554.0	Marina Del Rey/Harbor Patrol Docks	TCM	01/25/88	0.8**		55.0**		0.7*			
554.0	Marina Del Rey/Harbor Patrol Docks	TCM	12/19/88			49.5**	1.2*				
555.0	Marina Del Rey/Basin G	TCM	01/25/88								
555.0	Marina Del Rey/Basin G	TCM	12/19/88			34.4*					

Station Number	Dicofol	Diel-drin	Total Endo-sulfan	Endrin	Ethion	alpha-HCH	beta-HCH	delta-HCH	Gamma-HCH	Hepta-chlor	Hepta-chlor-epoxide	Hexa-chloro-benzene
507.2			14.9*									
507.3		6.6*	51.4**	1.1*	6.5**				0.4*		0.6**	0.2**
507.3			64.4**									0.4**
507.8			294.0*							1.3**	28.7**	12.6**
507.8			1292.8**						2.7**	1.5**		
553.0												
554.0		6.5*			5.0**					0.4**	0.3*	
554.0		6.7*										
555.0										0.2*		
555.0			20.9*									

Station Number	Methoxy-chlor	Ethyl-para-thion	Methyl-para-thion	Oxa-diazon	Phenol	Penta-chloro-phenol	Tetra-chloro-phenol	Total PCB	Tetra-difon	Toxa-phene	Tri-butyl-tin
507.2										31.0*	
507.3										277.2**	
507.3										238.0**	
507.8								285.6**		3290.0**	
507.8										7474.0**	
553.0											
554.0											
554.0											
555.0											
555.0											

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APPENDIX F (continued)

State Mussel Watch Program

Summary of 1987-93 Data: Organic Chemicals Exceeding Selected Criteria (ppb, wet weight)

Station Number	Station Name	Sample Type*	Sample Date	Aldrin	Chlorben- side	Total Chlor- dane	Chlor- pyrifos	Dacthal	Diaz- inon	Total DDT	Di- chloro- benzophenone
555.2	Marina Del Rey/Basin D	TCM	01/25/88			43.6**					
556.0	Marina Del Rey/Basin E	TCM	01/25/88			65.6**					
556.0	Marina Del Rey/Basin E	TCM	12/19/88			39.7**					
601.0	LA Harbor/National Steel	TCM	12/28/87			23.1*				155.9*	
601.0	LA Harbor/National Steel	TCM	12/19/88								
601.0	LA Harbor/National Steel	RCM	12/22/89								
601.0	LA Harbor/National Steel	TCM	12/23/90								
601.0	La Harbor/National Steel	TCM	12/22/91				1.0*				
601.0	LA Harbor/National Steel	RBM	01/06/93				0.7**				
602.5	LA Harbor/Todd Shipyards	TCM	12/28/87								

Station Number	Dicofol	Diel- drin	Total Endo- sulfan	Endrin	Ethion	alpha- HCH	beta- HCH	delta- HCH	Gamma- HCH	Hepta- chlor	Hepta- chlor- epoxide	Hexa- chloro- benzene
555.2		9.9*									0.8**	
556.0		16.8*									1.0**	
556.0											0.2*	
601.0											0.6**	
601.0												
601.0												
601.0												
601.0												
602.5												

Station Number	Methoxy- chlor	Ethyl- para- thion	Methyl- para- thion	Oxa- diazon	Phenol	Penta- chloro- phenol	Tetra- chloro- phenol	Total PCB	Tetra- difon	Toxa- phene	Tri- butyl- tin
555.2											
556.0											
556.0											
601.0								516.0**			
601.0								499.7**			
601.0								520.0**			
601.0								186.3*			
601.0											
601.0								150.0*			
602.5								187.0*			

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APPENDIX F (continued)

State Mussel Watch Program

Summary of 1987-93 Data: Organic Chemicals Exceeding Selected Criteria (ppb, wet weight)

Station Number	Station Name	Sample Type*	Sample Date	Aldrin	Chlorben- side	Total Chlor- dane	Chlor- pyrifos	Dacthal	Diaz- inon	Total DDT	Di- chloro- benzophenone
602.5	LA Harbor/Todd Shipyards	TCM	12/23/90								
605.0	LA Harbor/Cabrillo Pier	TCM	12/19/88							171.9*	
605.0	La Harbor/Cabrillo Pier	RCM	12/22/91							130.5**	
605.0	LA Harbor/Cabrillo Pier	RBM	01/06/93				0.3*				
616.0	LA Harbor/Consolidated Slip	TCM	12/28/87				1.4**				
616.0	LA Harbor/Consolidated Slip	TCM	09/10/92				1.6**				
616.0	LA Harbor/Consolidated Slip	RBM	01/06/93				0.6*				
617.6	Point Fermin	RCM	01/05/93				0.9**			123.6**	
617.9	Cabrillo Beach/Ocean Side	RCM	01/05/93							56.4*	
618.0	LA Harbor/Angels Gate	TCM	12/23/90							215.4*	

Station Number	Dicofol	Diel- drin	Total Endo- sulfan	Endrin	Ethion	alpha- HCH	beta- HCH	delta- HCH	Gamma- HCH	Hepta- chlor	Hepta- chlor- epoxide	Hexa- chloro- benzene
602.5												
605.0												
605.0												
616.0												
616.0										0.3**		
616.0							0.2*					
617.6												
617.9												
618.0												

Station Number	Methoxy- chlor	Ethyl- para- thion	Methyl- para- thion	Oxa- diazon	Phenol	Penta- chloro- phenol	Tetra- chloro- phenol	Total PCB	Tetra- difon	Toxa- phene	Tri- butyl- tin
602.5								183.4*			
605.0								62.0**			
605.0											
605.0											
616.0						32.0*					
616.0										260.0**	
616.0				0.5*						150.0*	
617.6								32.0*			
617.9								15.0*			
618.0											

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APPENDIX F (continued)

State Mussel Watch Program

Summary of 1987-93 Data: Organic Chemicals Exceeding Selected Criteria (ppb, wet weight)

Station Number	Station Name	Sample Type*	Sample Date	Aldrin	Chlorben- side	Total Chlor- dane	Chlor- pyrifos	Dacthal	Diaz- inon	Total DDT	Di- chloro- benzophenone
618.0	LA Harbor/Angels Gate	RCM	12/22/91							176.5**	
618.0	LA Harbor/Angels Gate	RCM	03/08/93	0.2**		4.5*				87.9*	
619.2	San Pedro Breakwater	RCM	03/08/93							110.6*	
650.0	Santa Monica	RCM	01/06/93			11.1**	5.1**			58.9*	
662.0	Royal Palms	RCM	12/28/87							33.2*	
662.0	Royal Palms	RCM	12/19/88							161.0**	
662.0	Royal Palms	RCM	12/22/89							104.0*	
662.0	Royal Palms	RCM	12/26/90							134.6**	
662.0	Royal Palms	RCM	11/25/91							157.8**	
662.0	Royal Palms	RCM	01/05/93							78.5*	

Station Number	Dicofol	Diel- drin	Total Endo- sulfan	Endrin	Ethion	alpha- HCH	beta- HCH	delta- HCH	Gamma- HCH	Hepta- chlor	Hepta- chlor- epoxide	Hexa- chloro- benzene
618.0												
618.0												
619.2												
650.0		4.1**								0.1**		
662.0												
662.0												
662.0												
662.0												
662.0												

Station Number	Methoxy- chlor	Ethyl- para- thion	Methyl- para- thion	Oxa- diazon	Phenol	Penta- chloro- phenol	Tetra- chloro- phenol	Total PCB	Tetra- difon	Toxa- phene	Tri- butyl- tin
618.0								80.0**			
618.0								45.0**		19.0**	
619.2								29.0*			
650.0				0.7**				140.0**			
662.0											
662.0								20.6*			
662.0								20.0*			
662.0								20.1*			
662.0								23.0*			
662.0								20.0*		20.0**	

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APPENDIX F (continued)

State Mussel Watch Program

Summary of 1987-93 Data: Organic Chemicals Exceeding Selected Criteria (ppb, wet weight)

Station Number	Station Name	Sample Type*	Sample Date	Aldrin	Chlorben- side	Total Chlor- dane	Chlor- pyrifos	Dacthal	Diaz- inon	Total DDT	Di- chloro- benzophenone
664.0	Cabrillo Beach	RCM	12/22/91							97.3*	
664.2	Cabrillo Beach Buoy	RCM	01/05/93			4.5*				108.4*	
707.0	Anaheim Bay/Navy Harbor	TCM	12/30/87				2.0**				
707.0	Anaheim Bay/Navy Harbor	TCM	12/19/88				0.7*			153.8*	
708.0	Anaheim Bay/Navy Marsh	TCM	12/30/87								
708.5	Anaheim Bay/Navy Marsh 2	TCM	12/23/90								
708.5	Anaheim Bay/Navy Marsh 2	TCM	12/22/91					0.7*			
710.2	Anaheim Bay/Fuel Docks/South	TCM	12/30/87	0.6**		30.7*					
710.2	Anaheim Bay/Fuel Docks/South	TCM	12/19/88			24.8*	1.1*				
710.2	Anaheim Bay/Fuel Docks/South	TCM	12/27/89			22.3*					

Station Number	Dicofol	Diel- drin	Total Endo- sulfan	Endrin	Ethion	alpha- HCH	beta- HCH	delta- HCH	Gamma- HCH	Hepta- chlor	Hepta- chlor- epoxide	Hexa- chloro- benzene
664.0												
664.2												
707.0			4.5*									
707.0												
708.0			14.8*						0.5*			
708.5		22.1**										
708.5												
710.2			7.2*			0.8*			1.8**	0.3**		
710.2			2.4*						0.7**			
710.2												0.3**

Station Number	Methoxy- chlor	Ethyl- para- thion	Methyl- para- thion	Oxa- diazon	Phenol	Penta- chloro- phenol	Tetra- chloro- phenol	Total PCB	Tetra- difon	Toxa- phene	Tri- butyl- tin
664.0								42.0**			
664.2								55.0**		27.0**	
707.0											
707.0											
708.0											
708.5											
708.5											
710.2											
710.2											
710.2											

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APPENDIX F (continued)

State Mussel Watch Program

Summary of 1987-93 Data: Organic Chemicals Exceeding Selected Criteria (ppb, wet weight)

Station Number	Station Name	Sample Type*	Sample Date	Aldrin	Chlorben- side	Total Chlor- dane	Chlor- pyrifos	Dacthal	Diaz- inon	Total DDT	Di- chloro- benzophenone	
713.0	Huntington Harbour/Edinger Street	TCM	12/30/87			25.5*	0.9*					
713.0	Huntington Harbour/Edinger Street	TCM	12/27/89									
713.0	Huntington Harbour/Edinger Street	TCM	12/22/91									
715.0	Huntington Harbour/Warner Ave Brdg	TCM	12/30/87			25.7*	0.5*					
715.0	Huntington Harbour/Warner Ave Brdg	TCM	12/19/88			41.9**	1.3*	1.0*	4.2**			
715.0	Huntington Harbour/Warner Ave Brdg	TCM	12/27/89			30.4*						
715.0	Huntington Harbour/Warner Ave Brdg	TCM	12/22/91									
715.0	Huntington Harbour/Warner Ave Brdg	TCM	01/06/93				2.6**					
717.0	Huntington Harbour/Harbor Lane	TCM	12/30/87			29.1*						
717.0	Huntington Harbour/Harbor Lane	TCM	12/19/88			36.4*	4.5**					
Station Number	Dicofol	Diel- drin	Total Endo- sulfan	Endrin	Ethion	alpha- HCH	beta- HCH	delta- HCH	Gamma- HCH	Hepta- chlor	Hepta- chlor- epoxide	Hexa- chloro- benzene
713.0			38.9*						0.6*		0.2*	
713.0												0.2**
713.0												
715.0			12.5*								0.2*	
715.0									0.6*			
715.0												
715.0												
717.0											0.5*	
717.0									0.9**			0.2**
Station Number	Methoxy- chlor	Ethyl- para- thion	Methyl- para- thion	Oxa- diazon	Phenol	Penta- chloro- phenol	Tetra- chloro- phenol	Total PCB	Tetra- difon	Toxa- phene	Tri- butyl- tin	
713.0												
713.0												
713.0				2.1*								
715.0												
715.0												
715.0												
715.0				1.1*								
715.0				1.1*						26.0*		
717.0												
717.0												

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APPENDIX F (continued)

State Mussel Watch Program

Summary of 1987-93 Data: Organic Chemicals Exceeding Selected Criteria (ppb, wet weight)

Station Number	Station Name	Sample Type*	Sample Date	Aldrin	Chlorben- side	Total Chlor- dane	Chlor- pyrifos	Dacthal	Diaz- inon	Total DDT	Di- chloro- benzophenone	
717.0	Huntington Harbour/Harbor Lane	TCM	12/22/91									
719.1	Santa Ana River/Prado Dam	TFC	04/02/92									
719.1	Santa Ana River/Prado Dam	TFC	03/17/93									
720.5	Newport Bay/Offshore Ref	TCM	12/21/90									
721.0	Newport Bay/Entrance	TCM	12/21/87					0.7*				
721.0	Newport Bay/Entrance	TCM	12/20/88				0.8*	5.7*				
721.0	Newport Bay/Entrance	TCM	12/27/89									
723.0	Newport Bay/Bay Island	TCM	12/21/87			22.2*		1.8*				
723.0	Newport Bay/Bay Island	TCM	12/27/89					1.5*				
723.0	Newport Bay/Bay Island	TCM	12/22/91									
Station Number	Dicofol	Diel- drin	Total Endo- sulfan	Endrin	Ethion	alpha- HCH	beta- HCH	delta- HCH	Gamma- HCH	Hepta- chlor	Hepta- chlor- epoxide	Hexa- chloro- benzene
717.0												
719.1						0.4**			1.0**			
719.1									1.9**	0.2*	0.7*	
720.5						0.7*						
721.0			59.7**									
721.0			1.8*						0.8**			
721.0												
723.0			33.0*						0.6*		0.2*	
723.0									0.6*			
723.0												
Station Number	Methoxy- chlor	Ethyl- para- thion	Methyl- para- thion	Oxa- diazon	Phenol	Penta- chloro- phenol	Tetra- chloro- phenol	Total PCB	Tetra- difon	Toxa- phene	Tri- butyl- tin	
717.0				1.4*				460.0**				
719.1				41.0*								
719.1												
720.5												
721.0												
721.0												
721.0				2.5**								
723.0												
723.0				11.9**								
723.0				2.8**								

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APPENDIX F (continued)

State Mussel Watch Program

Summary of 1987-93 Data: Organic Chemicals Exceeding Selected Criteria (ppb, wet weight)

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Station Number	Station Name	Sample Type*	Sample Date	Aldrin	Chlorben- side	Total Chlor- dane	Chlor- pyrifos	Dacthal	Diaz- inon	Total DDT	Di- chloro- benzophenone	
723.4	Newport Bay/Turning Basin	TCM	12/21/87	0.1**		28.3*	1.1*	2.4*				
723.4	Newport Bay/Turning Basin	TCM	12/20/88					5.0*				
723.4	Newport Bay/Turning Basin	TCM	12/27/89									
723.4	Newport Bay/Turning Basin	TCM	12/21/90									
723.4	Newport Bay/Turning Basin	TCM	12/22/91									
724.0	Newport Bay/Highway 1 Bridge	TCM	12/21/87			39.4**	2.4**	1.4*		168.7*		
724.0	Newport Bay/Highway 1 Bridge	TCM	12/20/88			25.7*	2.0**	10.2**	6.6**	195.4*		
724.0	Newport Bay/Highway 1 Bridge	TCM	12/27/89							176.0*		
724.0	Newport Bay/Highway 1 Bridge	TCM	12/22/91							162.5*		
724.0	Newport Bay/Highway 1 Bridge	TCM	01/05/93				9.1**					
Station Number	Dicofol	Diel- drin	Total Endo- sulfan	Endrin	Ethion	alpha- HCH	beta- HCH	delta- HCH	Gamma- HCH	Hepta- chlor	Hepta- chlor- epoxide	Hexa- chloro- benzene
723.4			37.1*						0.5*		0.2*	
723.4			2.2*						0.7**			
723.4												
723.4												
724.0		7.7*	31.2*									
724.0			2.6*						0.9**			
724.0												
724.0												
724.0												
Station Number	Methoxy- chlor	Ethyl- para- thion	Methyl- para- thion	Oxa- diazon	Phenol	Penta- chloro- phenol	Tetra- chloro- phenol	Total PCB	Tetra- difon	Toxa- phene	Tri- butyl- tin	
723.4												
723.4												
723.4				7.4**								
723.4				1.2*								
723.4				1.1*								
724.0												
724.0												
724.0				12.0**								
724.0				2.3*								
724.0				1.8*						42.0*		

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 RBM = Resident Bay Mussel RFC = Resident Fresh Water Clam ** = Equals or exceeds EDL 95.
 TCM = Transplanted California Mussel # = Equals or exceeds NAS recommended guideline.

APPENDIX F (continued)

State Mussel Watch Program

Summary of 1987-93 Data: Organic Chemicals Exceeding Selected Criteria (ppb, wet weight)

Station Number	Station Name	Sample Type*	Sample Date	Aldrin	Chlorben- side	Total Chlor- dane	Chlor- pyrifos	Dacthal	Diaz- inon	Total DDT	Di- chloro- benzophenone
725.0	Newport Bay/Crows Nest	TCM	12/21/87								
725.0	Newport Bay/Crows Nest	TCM	12/20/88								
725.0	Newport Bay/Crows Nest	TCM	12/27/89								
725.0	Newport Bay/Crows Nest	TCM	12/21/90								
725.0	Newport Bay/Crows Nest	TCM	12/22/91				0.8*				
725.0	Newport Bay/Crows Nest	TCM	01/05/93				1.4**				
726.0	Newport Bay/Rhine Channel/Upper	TCM	12/20/88								
726.2	Newport Bay/Rhine Channel/26th Ave	TCM	12/20/88				1.2*	7.9**	3.6**		
726.4	Newport Bay/Rhine Channel/End	TCM	12/21/87			32.8*	3.8**	8.2**	5.8**	208.3*	
726.4	Newport Bay/Rhine Channel/End	TCM	12/20/88				1.1*	4.6*	3.2**		

Station Number	Dicofol	Diel- drin	Total Endo- sulfan	Endrin	Ethion	alpha- HCH	beta- HCH	delta- HCH	Gamma- HCH	Hepta- chlor	Hepta- chlor- epoxide	Hexa- chloro- benzene
725.0												
725.0												
725.0												
725.0												
725.0												
725.0												
726.0												
726.2			2.6*						0.6*			
726.4			22.1*	4.0**					1.6**			
726.4			20.4*	3.9**					0.5*			

Station Number	Methoxy- chlor	Ethyl- para- thion	Methyl- para- thion	Oxa- diazon	Phenol	Penta- chloro- phenol	Tetra- chloro- phenol	Total PCB	Tetra- difon	Toxa- phene	Tri- butyl- tin
725.0								360.0*			1911.9*
725.0								404.4*			
725.0				8.3**				410.0*			
725.0				1.2*				185.9*			
725.0				2.3*				460.0**			
725.0											
726.0						26.2*		273.6*			
726.2											
726.4											
726.4											

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= Equals or exceeds FDA action level.

APPENDIX F (continued)

State Mussel Watch Program

Summary of 1987-93 Data: Organic Chemicals Exceeding Selected Criteria (ppb, wet weight)

Station Number	Station Name	Sample Type*	Sample Date	Aldrin	Chlorben- side	Total Chlor- dane	Chlor- pyrifos	Dacthal	Diaz- inon	Total DDT	Di- chloro- benzophenone
726.4	Newport Bay/Rhine Channel/End	TCM	12/27/89				0.9*				
726.4	Newport Bay/Rhine Channel/End	TCM	12/22/91			22.9*				165.8*	
726.4	Newport Bay/Rhine Channel/End	TCM	01/05/93				1.2*				
727.0	Garden Grove/Wintersburg Channel	TFC	01/23/91						22.5*		
728.4	Upper Newport Bay/MacArthur	TFC	12/20/88								
728.4	Upper Newport Bay/MacArthur	TFC	03/14/90								
728.4	Upper Newport Bay/MacArthur	TFC	01/23/91								
728.4	Upper Newport Bay/MacArthur	TFC	03/17/93				42.0*				
728.5	Upper Newport Bay/Drain 2	TFC	03/14/90								
728.6	Upper Newport Bay/San Diego Cr 1	TFC	03/07/88								18.9**

Station Number	Dicofol	Diel- drin	Total Endo- sulfan	Endrin	Ethion	alpha- HCH	beta- HCH	delta- HCH	Gamma- HCH	Hepta- chlor	Hepta- chlor- epoxide	Hexa- chloro- benzene
726.4												
726.4												
726.4												
727.0												
728.4			218.8*									
728.4												
728.4												
728.4												
728.5												
728.6	217.0**		98.0*			0.3*			0.6*	0.4**		

Station Number	Methoxy- chlor	Ethyl- para- thion	Methyl- para- thion	Oxa- diazon	Phenol	Penta- chloro- phenol	Tetra- chloro- phenol	Total PCB	Tetra- difon	Toxa- phene	Tri- butyl- tin
726.4				6.2**				490.0**			
726.4				3.8**				630.0**			
726.4											
727.0				28.4*							
728.4											
728.4				261.8**							
728.4				60.0*							
728.4				62.0**							
728.5				314.4**							
728.6									0.7**		

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APPENDIX F (continued)

State Mussel Watch Program

Summary of 1987-93 Data: Organic Chemicals Exceeding Selected Criteria (ppb, wet weight)

Station Number	Station Name	Sample Type*	Sample Date	Aldrin	Chlorben- side	Total Chlor- dane	Chlor- pyrifos	Dacthal	Diaz- inon	Total DDT	Di- chloro- benzophenone
728.7	Upper Newport Bay/Drain 4	TFC	01/23/91								4.1*
728.7	Upper Newport Bay/Drain 4	TFC	03/17/93				56.0*				
728.8	Upper Newport Bay/San Diego Cr 2	TFC	03/07/88			63.0*					
735.0	Corona Del Mar	RCM	12/26/90								
735.0	Corona Del Mar	RCM	11/29/91				0.8**				
744.1	San Onofre 1	TCM	01/30/89								
744.1	San Onofre 1	TCM	09/27/90								
744.2	San Onofre 2	TCM	01/30/89								
744.2	San Onofre 2	TCM	11/22/89								
744.2	San Onofre 2	TCM	10/01/90								

Station Number	Dicofol	Diel- drin	Total Endo- sulfan	Endrin	Ethion	alpha- HCH	beta- HCH	delta- HCH	Gamma- HCH	Hepta- chlor	Hepta- chlor- epoxide	Hexa- chloro- benzene
728.7	273.6**											
728.7												
728.8												
735.0												
735.0												
744.1						0.9*						
744.1						0.9*						
744.2						0.9*						
744.2						0.8*						
744.2						1.2**						

Station Number	Methoxy- chlor	Ethyl- para- thion	Methyl- para- thion	Oxa- diazon	Phenol	Penta- chloro- phenol	Tetra- chloro- phenol	Total PCB	Tetra- difon	Toxa- phene	Tri- butyl- tin
728.7											
728.7											
728.8											
735.0								32.7**			
735.0											
744.1											
744.1											
744.2											
744.2										55.2*	
744.2											

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APPENDIX F (continued)

State Mussel Watch Program

Summary of 1987-93 Data: Organic Chemicals Exceeding Selected Criteria (ppb, wet weight)

Station Number	Station Name	Sample Type*	Sample Date	Aldrin	Chlorben- side	Total Chlor- dane	Chlor- pyrifos	Dacthal	Diaz- inon	Total DDT	Di- chloro- benzophenone
744.3	San Onofre 3	TCM	04/04/90								
744.3	San Onofre 3	TCM	09/27/90								
744.3	San Onofre 3	TCM	03/12/91								
744.4	San Onofre 4	TCM	01/30/89								
744.4	San Onofre 4	TCM	11/22/89								
744.5	San Onofre 5	TCM	01/30/89								
744.5	San Onofre 5	TCM	11/22/89								
744.5	San Onofre 5	TCM	10/01/90								
744.6	San Onofre 6	TCM	01/30/89								
744.6	San Onofre 6	TCM	09/27/90								

Station Number	Dicofol	Diel- drin	Total Endo- sulfan	Endrin	Ethion	alpha- HCH	beta- HCH	delta- HCH	Gamma- HCH	Hepta- chlor	Hepta- chlor- epoxide	Hexa- chloro- benzene
744.3						0.7*						
744.3						1.1*						
744.3						3.8**						
744.4						1.1*						
744.4						0.8*						
744.5						1.1*						
744.5						0.7*						
744.5						1.5**						
744.6						1.0*						
744.6						1.3**						

Station Number	Methoxy- chlor	Ethyl- para- thion	Methyl- para- thion	Oxa- diazon	Phenol	Penta- chloro- phenol	Tetra- chloro- phenol	Total PCB	Tetra- difon	Toxa- phene	Tri- butyl- tin
744.3											
744.3											
744.3											
744.4											
744.4											
744.5											
744.5											
744.5											
744.6											
744.6											

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APPENDIX F (continued)

State Mussel Watch Program

Summary of 1987-93 Data: Organic Chemicals Exceeding Selected Criteria (ppb, wet weight)

Station Number	Station Name	Sample Type*	Sample Date	Aldrin	Chlorben- side	Total Chlor- dane	Chlor- pyrifos	Dacthal	Diaz- inon	Total DDT	Di- chloro- benzophenone	
750.0	Oceanside	RCM	12/21/87									
750.0	Oceanside	RCM	12/20/88									
750.0	Oceanside	RCM	09/09/92									
882.7	San Diego Bay/Sampson Street Pier	TCM	12/21/88									
882.8	San Diego Bay/KELCO Pier	TCM	12/21/91									
883.6	San Diego Bay/7th Street Channel	TCM	12/21/88									
886.2	San Diego Gas&Electric Silvergate	TCM	12/21/88									
888.0	San Diego Bay/Coronado Bridge	TCM	12/21/91									
893.0	San Diego Bay/Laurel Street	TCM	01/05/93				0.7*					
894.0	SD Bay/Harbor Is/E Basin/Storm Dr	TCM	12/22/87									
Station Number	Dicofol	Diel- drin	Total Endo- sulfan	Endrin	Ethion	alpha- HCH	beta- HCH	delta- HCH	Gamma- HCH	Hepta- chlor	Hepta- chlor- epoxide	Hexa- chloro- benzene
750.0			9.5**									
750.0			0.9*									
750.0									0.2*			
882.7												
882.8												
883.6												
886.2												
888.0												
893.0											0.3*	
894.0												
Station Number	Methoxy- chlor	Ethyl- para- thion	Methyl- para- thion	Oxa- diazon	Phenol	Penta- chloro- phenol	Tetra- chloro- phenol	Total PCB	Tetra- difon	Toxa- phene	Tri- butyl- tin	
750.0												
750.0												
750.0												
882.7								201.0*				
882.8								200.0*				
883.6								222.3*				
886.2								186.2*				
888.0								180.0*				
893.0												
894.0								1547.0**				

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APPENDIX F (continued)

State Mussel Watch Program

Summary of 1987-93 Data: Organic Chemicals Exceeding Selected Criteria (ppb, wet weight)

Station Number	Station Name	Sample Type*	Sample Date	Aldrin	Chlorben- side	Total Chlor- dane	Chlor- pyrifos	Dacthal	Diaz- inon	Total DDT	Di- chloro- benzophenone
894.0	SD Bay/Harbor Is/E Basin/Storm Dr	TCM	12/21/88								
894.0	SD Bay/Harbor Is/E Basin/Storm Dr	TCM	12/21/89				4.3**				
894.0	SD Bay/Harbor Is/E Basin/Storm Dr	TCM	12/22/90								
894.0	SD Bay/Harbor Is/E Basin/Storm Dr	RBM	12/21/91	1.9**							
894.0	SD Bay/Harbor Is/E Basin/Storm Dr	TCM	01/05/93	0.2**							3.3**
894.1	SD Bay/Harbor Is/E Basin/Storm Dr2	TCM	12/21/88								
894.2	SD Bay/Harbor Is/E Basin/E End Doc	TCM	12/21/88								
894.3	SD Bay/Harbor Is/E Basin/Mid Chan	TCM	12/21/88								
894.8	Laurel Street Storm Drain	TCM	12/21/88								
895.6	San Diego Bay/Grape St Storm Drain	TCM	01/05/93				0.4*				

Station Number	Dicofol	Diel- drin	Total Endo- sulfan	Endrin	Ethion	alpha- HCH	beta- HCH	delta- HCH	Gamma- HCH	Hepta- chlor	Hepta- chlor- epoxide	Hexa- chloro- benzene
894.0												
894.0									0.9**			
894.0												
894.0										1.2**		
894.1												
894.2												
894.3												
894.8												
895.6												

Station Number	Methoxy- chlor	Ethyl- para- thion	Methyl- para- thion	Oxa- diazon	Phenol	Penta- chloro- phenol	Tetra- chloro- phenol	Total PCB	Tetra- difon	Toxa- phene	Tri- butyl- tin
894.0								2738.0**			
894.0								1220.0**			
894.0								855.4**			
894.0								800.0**			
894.0								770.0**			
894.1								456.0**			
894.2								957.0**			
894.3								1951.9**			
894.8								191.8*			
895.6											

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APPENDIX F (continued)

State Mussel Watch Program

Summary of 1987-93 Data: Organic Chemicals Exceeding Selected Criteria (ppb, wet weight)

Station Number	Station Name	Sample Type*	Sample Date	Aldrin	Chlorben- side	Total Chlor- dane	Chlor- pyrifos	Dacthal	Diaz- inon	Total DDT	Di- chloro- benzophenone	
897.5	Commercial Basin/North Harbor Dr	TCM	12/22/87									
898.0	Commercial Basin/Carlton Street	TCM	12/21/88									
898.0	Commercial Basin/Carlton Street	TCM	01/05/93									
899.2	San Diego Bay/Shelter Island	TCM	01/05/93				0.7*					
899.4	San Diego Bay/Shelter Is/Fuel Dock	TCM	12/22/87									
Station Number	Dicofol	Diel- drin	Total Endo- sulfan	Endrin	Ethion	alpha- HCH	beta- HCH	delta- HCH	Gamma- HCH	Hepta- chlor	Hepta- chlor- epoxide	Hexa- chloro- benzene
897.5												
898.0												
898.0										0.2**		
899.2												
899.4												
Station Number	Methoxy- chlor	Ethyl- para- thion	Methyl- para- thion	Oxa- diazon	Phenol	Penta- chloro- phenol	Tetra- chloro- phenol	Total PCB	Tetra- difon	Toxa- phene	Tri- butyl- tin	
897.5								374.0*			1643.5*	
898.0								464.4**				
898.0								280.0*				
899.2												
899.4											6052.2**	
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RBM = Resident Bay Mussel		RFC = Resident Fresh Water Clam		# = Equals or exceeds NAS recommended guideline.								
TCM = Transplanted California Mussel												