

APPENDIX I

Summary of 1995-97 Data Trace Elements Exceeding Elevated Data Levels (EDL) (ppm, wet weight)

APPENDIX I

State Mussel Watch Program

Summary of 1995-97 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	Zinc
1.0	Crescent City Harbor	RCM	04/09/97	120.0*			1.10**	6.60**		2.70*					58.0**
2.0	Crescent City/STP Outfall	RCM	04/09/97	160.0**			2.30**	2.00*		2.50*	0.085*				
2.2	Crescent City Harbor/Inner Jetty	RCM	04/09/97	120.0*			1.20**	2.30**		2.60*					
3.0	Crescent City/Control	RCM	04/10/97	110.0*			1.50**	2.00*		2.20*					
101.8	Humboldt Bay/Halberson Shoreline	RBM-s	04/17/96	612.0**			1.98**			8.10**		1.48**			
102.6	Humboldt Bay/J Street	RBM	04/17/96	263.0**			4.94**					3.60**			
102.6	Humboldt Bay/J Street	RBM-s	04/17/96	599.0**			4.11**			8.00**		3.39**			43.0*
102.6	Humboldt Bay/J Street	TCM	04/10/97	280.0**			1.30*								
102.7	Humboldt Bay/H Street	RBM-s	04/17/96	713.0**			1.84**	3.60*	18.09**	23.70**		1.52**			77.0**
103.3	Humboldt Bay/E Street	TCM	04/10/97	350.0**			2.30**								
103.5	Humboldt Bay/Clark Slough	TCM	04/10/97	290.0**			1.20*			4.90*					
202.0	Bodega Head	RCM	09/11/95			1.50*	0.60*	4.50**				0.76*			
203.0	Tomaes Bay	RBM	04/14/97	310.0**			1.60**			11.00**					
203.0	Tomaes Bay	TCM	04/14/97	240.0**			1.10*			30.00**					
203.3	Tomaes Bay/Walker Creek Mouth 1	TCM	04/14/97	210.0*			0.87*								
203.5	Tomaes Bay/Walker Creek Mouth 2	TCM	04/14/97	180.0*			0.82*								
203.7	Tomaes Bay/Walker Creek Mouth 3	TCM	04/14/97	210.0*			1.00*								
203.9	Tomaes Bay/Nicks Cove	TCM	04/14/97				0.81*								
205.0	Bodega Harbor/Spud Point Marina	TCM	03/21/97	210.0*		1.60*	0.80*								
205.1	Bodega Bay/Porto Bodega	RBM	03/21/97					5.40**			0.054*				
205.3	Bodega Bay/Mason's Marina	TCM	03/21/97	250.0**			1.10*								
205.5	Bodega Bay/Back Marsh	RBM	03/21/97	310.0**			1.10*								
210.1	Walker Creek/Mine Creek	TFC	01/17/97								0.790**				
210.3	Walker Creek/mid stream	TFC	01/17/97								0.220**				
211.1	Lagunitas Creek/Bridge 1	TFC	01/17/97								0.087*				
211.3	Lagunitas Creek/Bridge 2	TFC	01/17/97								0.082*				
280.0	Russian River/S Goat Rock	RCM	03/21/97	280.0**		1.50*	1.90**	1.70*		4.40**					
329.0	Guadalupe Creek/Almaden Expressway	TFC	12/16/96								0.090*				
329.2	Guadalupe Creek/Hicks Road	TFC	12/16/96								0.110**				
329.4	Alamitos Creek/Almaden Road	TFC	12/16/96								0.110**				
400.6	Santa Cruz/Natural Bridges	RCM	06/09/97	150.0**				2.60**							
400.7	Santa Cruz Harbor/Inner	TCM	03/25/96	240.0**		1.80*	12.00**	9.70*			0.063*				71.0*
401.0	Santa Cruz Harbor	TCM	03/25/96	170.0*			2.20**	7.50*							
403.0	Elkhorn Slough/Highway 1 Bridge	TCM	03/12/97	270.0**		1.70*	1.50*					1.50**			
404.0	Sandholdt Bridge	TCM	02/16/96	220.0*			0.90*			12.00**					
404.0	Sandholdt Bridge	TCM	03/04/97	330.0**			1.20*					1.10**			
414.0	Pacific Grove	RCM	03/07/96	82.0*			0.91*								
414.0	Pacific Grove	RCM	04/25/97					2.30**							
420.3	Monterey Harbor/C G Jetty/Inner	TCM	02/13/96												6.90**

* RCM = Resident California Mussel
 TCM = Transplanted California Mussel
 RBM = Resident Bay Mussel (s = small size)

TFC = Transplanted Freshwater Clam

* = Equals or exceeds EDL 85.
 ** = Equals or exceeds EDL 95.

APPENDIX I

State Mussel Watch Program

Summary of 1995-97 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	Zinc
420.4	Monterey Harbor/C G Jetty/Inner 2	TCM	02/13/96						2.00*						
420.5	Monterey Harbor/C G Jetty/Inner 3	TCM	02/13/96						1.80*						
421.0	Monterey Harbor/Slag Pile	TCM	02/13/96						10.00**						
601.0	LA Harbor/National Steel	TCM	01/18/96				1.70**								
616.0	LA Harbor/Consolidated Slip	TCM	01/18/96				2.70**								
648.0	Malibu	RBM	01/17/96	170.0*			1.60**								
648.0	Malibu	RCM	11/25/96	140.0**				1.60*		2.90**					
650.0	Santa Monica	RBM	01/17/96	190.0*			0.87*							0.081*	
650.0	Santa Monica	RCM	11/25/96	170.0**			0.70*	1.90*		3.10**					
662.0	Royal Palms	RCM	01/18/96				2.10**								
662.0	Royal Palms	RCM	11/25/96				0.99*								
664.0	Cabrillo Beach	RCM	01/18/96	82.0*			2.00**							0.720*	
708.0	Anaheim Bay/Navy Marsh	TCM	01/27/97	300.0**			1.70**					1.40**			
713.0	Huntington Harbour/Edinger Street	TCM	01/17/96				0.89*					1.10**			
713.0	Huntington Harbour/Edinger Street	TCM	01/27/97	170.0*											
715.0	Huntington Harbour/Warner Ave Brdg	TCM	01/17/96			1.80*	1.00*					1.30**			76.0*
715.0	Huntington Harbour/Warner Ave Brdg	TCM	01/27/97	180.0*						5.30*					62.0*
723.4	Newport Bay/Turning Basin	TCM	01/17/96				1.00*					1.00*			
724.0	Newport Bay/Highway 1 Bridge	TCM	01/17/96	180.0*			0.95*			0.120**		0.92*			
725.0	Newport Bay/Crows Nest	TCM	01/17/96				2.20**	13.00**		0.076*		2.20**			84.0**
725.0	Newport Bay/Crows Nest	TCM	01/27/97					9.70*							64.0*
726.4	Newport Bay/Rhine Channel/End	TCM	01/17/96			1.60*	1.60*	15.00**		7.30**	0.078*	1.80**			100.0**
726.4	Newport Bay/Rhine Channel/End	TCM	01/27/97				2.00**	15.00**		6.00*	0.057	1.80**			77.0*
726.4	Newport Bay/Mariners Drive	TCM	01/27/97				0.73*					0.86*			
740.0	Dana Point Harbor/Boat Yard	TCM	01/27/97	220.0*			0.87*	8.90*							
750.0	Oceanside	RCM	09/30/96	260.0**			0.89*	2.30**		3.30**		0.65*			
882.2	24Th St Maritime Terminal/North	TCM	01/18/96	220.0*			1.10*	9.10*		8.80**					85.0**
882.7	San Diego Bay/Sampson Street Pier	TCM	01/18/96				1.90**	7.60*							60.0*
883.1	San Diego Bay/Chollas Creek	TCM	01/28/97				0.91*								
883.2	San Diego Bay/Chollas Creek/Mouth	TCM	01/28/97	160.0*			0.82*	5.80*		6.80**					58.0*
883.3	San Diego Bay/Chollas Creek/End	TCM	01/28/97				1.10*					0.86*			68.0*
883.5	San Diego Bay/Tuna Docks	TCM	01/28/97				1.10*								61.0*
883.6	San Diego Bay/7th Street Channel	TCM	01/18/96	280.0**			3.20**	6.90*							67.0*
883.6	San Diego Bay/7th Street Channel	TCM	01/28/97	180.0*			1.10*	7.90*		5.60*					73.0*
883.8	San Diego Bay/Switzer Creek	TCM	01/28/97				1.30*								
885.1	San Diego Bay/Paletta Creek/End	TCM	01/28/97	170.0*					2.80**	4.70*					87.0**
885.3	San Diego Bay/7th Street Ch/Mid	TCM	01/28/97	220.0*			1.20*	7.10*	2.30*	7.00**					76.0*
886.0	San Diego Bay/NASSCO	TCM	01/18/96			1.90*	3.10**	7.10*							66.0*
888.0	San Diego Bay/Coronado Bridge	RBM	01/28/97					2.30*		5.20*					
894.0	SD Bay/Harbor Is/E Basin/Storm Dr	TCM	01/28/97	140.0*			1.70**	5.50*	3.50**						61.0*

* RCM = Resident California Mussel
 TCM = Transplanted California Mussel
 RBM = Resident Bay Mussel

* = Equals or exceeds EDL 85.
 ** = Equals or exceeds EDL 95.