

TABLE 1

## State Mussel Watch Program

Preliminary Summary of 1999-00 Data: Trace Elements in Mussels, Clams, Snails, Crabs, Fish, and Algae  
(ppm, wet weight)

Station Number	Station Name	Sample Type*	Sample Date	Aluminum	Arsenic	Cadmium	Chromium	Copper	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Zinc
2.1	Crescent City Harbor Jetty	RCM	03/15/00	71.1	1.2	0.29	0.80	1.27	0.14	1.88	0.026	0.79	0.42	0.004	19.8
3.0	Crescent City/Control	RCM	03/15/00	104.0	1.0	0.51	0.82	0.98	0.13	2.14	0.028	1.03	0.36	0.007	14.9
10.0	Trinidad Head	RCM	11/08/99	189.6	1.1	0.64	1.42	1.74	0.16	4.19	0.022	1.24	0.48	0.005	14.1
100.0	Mad River Slough	TCM	03/15/00	260.2	1.3	0.54	1.26	2.05	0.28	5.75	0.038	1.81	0.63	0.008	22.9
102.6	Humboldt Bay/J Street	TCM	03/15/00	162.9	1.1	0.40	0.85	1.30	0.24	2.76	0.026	0.99	0.46	0.005	17.1
102.8	Humboldt Bay/C Street	TCM	03/15/00	237.8	1.1	0.41	1.03	1.30	0.30	3.57	0.029	1.12	0.39	0.005	17.0
103.4	Humboldt Del Norte Pier	TCM	03/15/00	202.1	1.2	0.48	0.94	1.37	0.24	3.18	0.032	1.09	0.43	0.005	17.9
202.0	Bodega Head	RCM	09/10/99	46.2	1.2	1.48	0.84	0.79	0.12	1.10	0.024	0.73	0.49	0.010	16.8
203.0	Tamales Bay	RCM	03/16/00	146.4	0.9	0.64	2.04	0.82	0.08	8.64	0.027	1.77	0.48	0.004	11.3
203.0	Tamales Bay	TCM	04/21/00	NA	NA	NA	NA	NA	NA	NA	0.023	NA	NA	NA	NA
203.1	Tamales Bay/Vincent Landing	TCM	04/21/00	NA	NA	NA	NA	NA	NA	NA	0.035	NA	NA	NA	NA
203.3	Tamales Bay/Walker Creek Mouth 1	TCM	04/21/00	NA	NA	NA	NA	NA	NA	NA	0.037	NA	NA	NA	NA
203.5	Tamales Bay/Walker Creek Mouth 2	TCM	04/21/00	NA	NA	NA	NA	NA	NA	NA	0.032	NA	NA	NA	NA
203.7	Tamales Bay/Walker Creek Mouth 3	TCM	04/21/00	NA	NA	NA	NA	NA	NA	NA	0.038	NA	NA	NA	NA
203.8	Tamales Bay/Marshall	TCM	04/21/00	NA	NA	NA	NA	NA	NA	NA	0.028	NA	NA	NA	NA
204.1	Tamales Bay/HP	GSH	06/09/00	NA	NA	NA	NA	NA	NA	NA	0.098	NA	NA	NA	NA
204.1	Tamales Bay/HP	GSH	06/09/00	NA	NA	NA	NA	NA	NA	NA	0.104	NA	NA	NA	NA
204.1	Tamales Bay/HP	GSH	06/09/00	NA	NA	NA	NA	NA	NA	NA	0.092	NA	NA	NA	NA
204.1	Tamales Bay/HP	HAM	06/09/00	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
204.1	Tamales Bay/HP	HEM	06/09/00	NA	NA	NA	NA	NA	NA	NA	0.097	NA	NA	NA	NA
204.1	Tamales Bay/HP	HME	06/09/00	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
204.1	Tamales Bay/HP	PAC	06/09/00	NA	NA	NA	NA	NA	NA	NA	0.143	NA	NA	NA	NA
204.1	Tamales Bay/HP	SCP	06/09/00	NA	NA	NA	NA	NA	NA	NA	0.030	NA	NA	NA	NA
204.2	Tamales Bay/Hog Island	HNC	06/04/00	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
204.2	Tamales Bay/Hog Island	HNC	06/04/00	NA	NA	NA	NA	NA	NA	NA	0.032	NA	NA	NA	NA
204.2	Tamales Bay/Hog Island	HNC	06/04/00	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
204.2	Tamales Bay/Hog Island	HNC	06/04/00	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
204.2	Tamales Bay/Hog Island	HNC	06/04/00	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
204.3	Tamales Bay/Hamlet	TCM	04/21/00	NA	NA	NA	NA	NA	NA	NA	0.039	NA	NA	NA	NA
204.3	Tamales Bay/Hamlet	BNC	05/23/00	NA	NA	NA	NA	NA	NA	NA	0.065	NA	NA	NA	NA
204.3	Tamales Bay/Hamlet	GSH	05/23/00	NA	NA	NA	NA	NA	NA	NA	0.077	NA	NA	NA	NA
204.3	Tamales Bay/Hamlet	GSH	05/23/00	NA	NA	NA	NA	NA	NA	NA	0.084	NA	NA	NA	NA
204.3	Tamales Bay/Hamlet	GSH	05/23/00	NA	NA	NA	NA	NA	NA	NA	0.076	NA	NA	NA	NA
204.3	Tamales Bay/Hamlet	HEM	05/23/00	NA	NA	NA	NA	NA	NA	NA	0.074	NA	NA	NA	NA
204.3	Tamales Bay/Hamlet	NAS	05/23/00	NA	NA	NA	NA	NA	NA	NA	0.202	NA	NA	NA	NA
204.3	Tamales Bay/Hamlet	OPI	05/23/00	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
204.3	Tamales Bay/Hamlet	SCP	05/23/00	NA	NA	NA	NA	NA	NA	NA	0.056	NA	NA	NA	NA
204.3	Tamales Bay/Hamlet	ULV	06/09/00	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
204.4	Tamales Bay/Audubon	TCM	04/21/00	NA	NA	NA	NA	NA	NA	NA	0.021	NA	NA	NA	NA
204.5	Tamales Bay/McDonald	CER	06/09/00	NA	NA	NA	NA	NA	NA	NA	0.096	NA	NA	NA	NA
204.5	Tamales Bay/McDonald	PAC	06/09/00	NA	NA	NA	NA	NA	NA	NA	0.028	NA	NA	NA	NA

\* Sample Type listed in Table 6.

NA = Not Analyzed

ND = Not Detected

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Preliminary Summary of 1999-00 Data: Trace Elements in Mussels, Clams, Snails, Crabs, Fish, and Algae  
(ppm, wet weight)

Station Number	Station Name	Sample Type*	Sample Date	Aluminum	Arsenic	Cadmium	Chromium	Copper	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Zinc
204.5	Tomales Bay/McDonald	ULV	06/09/00	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
205.0	Bodega Harbor/Spud Point Marina	TCM	03/16/00	194.0	1.6	0.87	0.82	2.22	0.41	2.49	0.038	0.67	0.55	0.003	34.3
306.0	San Francisco Bay/Fort Baker	TCM	03/16/00	305.0	1.2	0.72	1.08	1.50	0.81	5.29	0.061	0.90	0.59	0.008	25.4
336.0	J. Fitzgerald	RCM	12/07/99	148.0	1.2	0.88	0.92	1.15	0.17	1.88	0.049	0.67	0.60	0.037	17.0
404.0	Sandholdt Bridge	RBM	06/21/00	157.3	1.2	0.60	0.51	1.15	0.13	2.38	0.021	0.52	0.52	0.004	35.1
414.0	Pacific Grove	RCM	04/10/00	22.8	1.6	1.13	0.31	0.85	0.42	0.59	0.020	0.42	0.44	0.013	24.6
447.0	Santa Maria River Lagoon	TFC	02/03/00	70.2	1.5	0.27	3.97	12.56	0.05	4.77	0.018	0.72	0.36	0.011	9.0
448.0	Sisquoc River/Santa Maria River Mo	TFC	03/22/00	38.9	1.2	0.25	2.61	8.38	0.03	1.99	0.012	0.55	0.29	0.007	7.1
448.1	Cuyama River/HWY 166	TFC	03/22/00	161.7	1.6	0.39	6.57	24.95	0.10	5.50	0.024	0.62	0.46	0.021	13.4
448.2	Orcutt Creek/Main Street	TFC	02/03/00	190.4	1.5	0.26	3.76	12.48	0.10	5.23	0.017	0.50	0.35	0.012	9.3
448.3	Santa Maria River/HWY 1	TFC	02/03/00	1384.8	2.2	0.54	162.22	28.07	0.81	105.39	0.036	122.86	0.53	0.033	15.6
449.5	Jalama	RCM	02/15/00	84.5	1.5	0.41	0.88	1.17	0.15	1.34	0.019	0.67	0.59	0.078	19.4
601.0	LA Harbor/National Steel	TCM	02/02/00	92.3	1.1	0.96	0.53	4.70	1.12	3.81	0.043	0.26	0.52	0.015	41.7
603.3	LA Harbor/Berth 206	TCM	02/02/00	103.7	1.1	1.25	0.62	4.15	1.11	3.78	0.039	0.26	0.73	0.011	34.5
609.4	Long Beach/Queensway Bay	RCM	02/02/00	71.1	0.9	0.08	0.54	1.40	0.42	2.01	ND	0.48	0.60	0.016	14.7
616.0	LA Harbor/Consolidated Slip	TCM	02/02/00	143.6	1.2	1.05	0.85	2.53	1.72	5.01	0.034	0.35	0.45	0.015	39.8
617.9	Cabrillo Beach/Ocean Side	RCM	02/02/00	54.4	1.7	0.33	0.61	1.09	0.32	1.72	0.032	0.43	0.43	0.342	24.2
618.0	LA Harbor/Angels Gate	RCM	02/02/00	103.4	0.9	0.18	0.31	1.46	0.19	2.65	ND	0.17	0.61	0.006	22.3
648.0	Malibu	RCM	03/21/00	191.9	1.2	0.38	1.08	1.27	0.21	3.83	0.015	0.91	0.68	0.190	21.4
650.0	Santa Monica	RCM	02/02/00	71.2	1.3	0.15	1.13	2.13	0.45	2.09	ND	0.81	0.66	0.356	18.7
662.0	Royal Palms	RCM	02/02/00	85.6	2.2	0.27	0.69	1.25	0.27	3.13	0.017	0.52	0.59	0.235	22.7
713.0	Huntington Harbour/Edinger Street	TCM	02/02/00	165.5	1.0	0.62	0.57	2.47	0.82	4.27	0.021	0.36	0.67	0.005	34.2
715.0	Huntington Harbour/Warner Ave Brdg	TCM	02/02/00	146.4	1.2	0.74	0.51	2.49	1.49	7.56	0.020	0.35	0.46	0.006	52.2
723.4	Newport Bay/Turning Basin	TCM	02/02/00	68.6	1.0	1.12	0.40	6.73	0.56	7.29	0.025	0.19	0.72	0.004	45.9
724.0	Newport Bay/Highway 1 Bridge	TCM	02/02/00	180.7	1.0	0.99	0.62	4.68	0.66	4.03	0.030	0.32	0.63	0.010	49.1
725.0	Newport Bay/Crows Nest	TCM	02/02/00	68.9	1.1	1.21	0.54	14.31	0.98	5.94	0.069	0.21	0.57	0.010	93.7
726.0	Newport Bay/Rhine Channel/Upper	TCM	02/02/00	53.8	1.0	1.16	0.65	19.02	1.03	4.90	0.061	0.23	0.44	0.011	72.3
726.4	Newport Bay/Rhine Channel/End	TCM	02/02/00	66.6	0.9	1.21	0.88	22.06	0.97	7.31	0.069	0.41	0.44	0.013	91.9
726.6	Newport Bay/Mariners Drive	TCM	02/02/00	97.1	0.9	0.66	0.39	1.32	0.37	2.60	0.022	0.26	0.55	0.005	27.2
750.0	Oceanside	RCM	02/01/00	160.9	1.3	0.16	2.74	1.38	0.13	4.76	ND	1.84	0.47	0.031	15.9
883.1	San Diego Bay/Chollas Creek	TCM	02/01/00	159.4	1.1	0.71	0.58	7.60	1.17	5.84	0.030	0.30	0.37	0.036	49.7
883.6	San Diego Bay/7th Street Channel	TCM	02/01/00	96.7	1.0	0.75	0.41	9.11	1.17	2.54	0.094	0.20	0.42	0.102	38.9
883.8	San Diego Bay/Switzer Creek	TCM	02/01/00	80.1	1.3	1.66	0.61	5.08	1.88	3.29	0.053	0.40	0.36	0.025	50.2
887.0	San Diego Bay/Evans Street	TCM	02/01/00	99.5	0.9	0.62	0.44	3.80	0.62	4.47	0.025	0.21	0.40	0.018	28.4
894.1	SD Bay/Harbor Is/E Basin/Storm Dr2	TCM	02/01/00	119.8	1.3	0.63	0.52	10.66	1.03	6.28	0.040	0.19	0.45	0.035	62.7
895.6	San Diego Bay/Grape St Storm Drain	TCM	02/01/00	77.1	1.0	0.74	0.54	2.35	0.61	2.66	0.025	0.24	0.51	0.017	24.3
898.0	Commercial Basin/Carlton Street	TCM	02/01/00	175.3	1.6	0.83	0.69	35.76	1.81	5.07	0.150	0.24	0.55	0.044	117.6
899.2	San Diego Bay/Shelter Island	TCM	02/01/00	158.7	1.4	0.69	0.63	2.43	0.88	2.66	0.027	0.35	0.50	0.009	39.1
899.4	San Diego Bay/Shelter Is/Fuel Dock	TCM	02/01/00	79.0	1.1	0.73	0.43	30.74	0.77	1.71	0.069	0.17	0.41	0.050	87.3
901.0	San Diego Bay/Degaussing Station	TCM	02/01/00	126.4	1.3	0.62	0.85	1.48	0.57	1.95	0.022	0.53	0.41	0.009	25.5

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TABLE 2

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(ppm, dry weight)

Station Number	Station Name	Sample Type*	Sample Date	Aluminum	Arsenic	Cadmium	Chromium	Copper	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Zinc
2.1	Crescent City Harbor Jetty	RCM	03/15/00	351.0	6.1	1.42	3.97	6.3	0.70	9.3	0.129	3.9	2.1	0.021	97.6
3.0	Crescent City/Control	RCM	03/15/00	765.0	7.7	3.77	6.04	7.2	0.93	15.7	0.209	7.6	2.7	0.053	109.5
10.0	Trinidad Head	RCM	11/08/99	849.0	4.9	2.88	6.35	7.8	0.69	18.8	0.100	5.5	2.2	0.022	63.2
100.0	Mad River Slough	TCM	03/15/00	1385.0	7.1	2.88	6.73	10.9	1.48	30.6	0.202	9.6	3.4	0.044	121.6
102.6	Humboldt Bay/J Street	TCM	03/15/00	1139.0	7.8	2.80	5.97	9.1	1.67	19.3	0.185	6.9	3.2	0.032	119.8
102.8	Humboldt Bay/C Street	TCM	03/15/00	1679.0	7.9	2.92	7.31	9.2	2.09	25.2	0.206	7.9	2.8	0.033	120.4
103.4	Humboldt Del Norte Pier	TCM	03/15/00	1242.0	7.3	2.93	5.75	8.4	1.50	19.6	0.194	6.7	2.7	0.033	110.1
202.0	Bodega Head	RCM	09/10/99	320.0	8.0	10.26	5.86	5.5	0.84	7.7	0.169	5.1	3.4	0.067	116.5
203.0	Tamales Bay	RCM	03/16/00	1032.0	6.7	4.55	14.38	5.8	0.56	60.9	0.193	12.5	3.3	0.029	79.9
203.0	Tamales Bay	TCM	04/21/00	NA	NA	NA	NA	NA	NA	NA	0.115	NA	NA	NA	NA
203.1	Tamales Bay/Vincent Landing	TCM	04/21/00	NA	NA	NA	NA	NA	NA	NA	0.238	NA	NA	NA	NA
203.3	Tamales Bay/Walker Creek Mouth 1	TCM	04/21/00	NA	NA	NA	NA	NA	NA	NA	0.228	NA	NA	NA	NA
203.5	Tamales Bay/Walker Creek Mouth 2	TCM	04/21/00	NA	NA	NA	NA	NA	NA	NA	0.256	NA	NA	NA	NA
203.7	Tamales Bay/Walker Creek Mouth 3	TCM	04/21/00	NA	NA	NA	NA	NA	NA	NA	0.205	NA	NA	NA	NA
203.8	Tamales Bay/Marshall	TCM	04/21/00	NA	NA	NA	NA	NA	NA	NA	0.150	NA	NA	NA	NA
204.1	Tamales Bay/HP	GSH	06/09/00	NA	NA	NA	NA	NA	NA	NA	0.411	NA	NA	NA	NA
204.1	Tamales Bay/HP	GSH	06/09/00	NA	NA	NA	NA	NA	NA	NA	0.450	NA	NA	NA	NA
204.1	Tamales Bay/HP	GSH	06/09/00	NA	NA	NA	NA	NA	NA	NA	0.425	NA	NA	NA	NA
204.1	Tamales Bay/HP	HAM	06/09/00	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
204.1	Tamales Bay/HP	HEM	06/09/00	NA	NA	NA	NA	NA	NA	NA	0.311	NA	NA	NA	NA
204.1	Tamales Bay/HP	HME	06/09/00	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
204.1	Tamales Bay/HP	PAC	06/09/00	NA	NA	NA	NA	NA	NA	NA	0.447	NA	NA	NA	NA
204.1	Tamales Bay/HP	SCP	06/09/00	NA	NA	NA	NA	NA	NA	NA	0.238	NA	NA	NA	NA
204.2	Tamales Bay/Hog Island	HNC	06/04/00	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
204.2	Tamales Bay/Hog Island	HNC	06/04/00	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
204.2	Tamales Bay/Hog Island	HNC	06/04/00	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
204.2	Tamales Bay/Hog Island	HNC	06/04/00	NA	NA	NA	NA	NA	NA	NA	0.157	NA	NA	NA	NA
204.2	Tamales Bay/Hog Island	HNC	06/04/00	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
204.3	Tamales Bay/Hamlet	TCM	04/21/00	NA	NA	NA	NA	NA	NA	NA	0.300	NA	NA	NA	NA
204.3	Tamales Bay/Hamlet	BNC	05/23/00	NA	NA	NA	NA	NA	NA	NA	0.559	NA	NA	NA	NA
204.3	Tamales Bay/Hamlet	GSH	05/23/00	NA	NA	NA	NA	NA	NA	NA	0.395	NA	NA	NA	NA
204.3	Tamales Bay/Hamlet	GSH	05/23/00	NA	NA	NA	NA	NA	NA	NA	0.438	NA	NA	NA	NA
204.3	Tamales Bay/Hamlet	GSH	05/23/00	NA	NA	NA	NA	NA	NA	NA	0.388	NA	NA	NA	NA
204.3	Tamales Bay/Hamlet	HEM	05/23/00	NA	NA	NA	NA	NA	NA	NA	0.270	NA	NA	NA	NA
204.3	Tamales Bay/Hamlet	NAS	05/23/00	NA	NA	NA	NA	NA	NA	NA	0.601	NA	NA	NA	NA
204.3	Tamales Bay/Hamlet	OPI	05/23/00	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
204.3	Tamales Bay/Hamlet	SCP	05/23/00	NA	NA	NA	NA	NA	NA	NA	0.292	NA	NA	NA	NA
204.3	Tamales Bay/Hamlet	ULV	06/09/00	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
204.4	Tamales Bay/Audubon	TCM	04/21/00	NA	NA	NA	NA	NA	NA	NA	0.095	NA	NA	NA	NA
204.5	Tamales Bay/McDonald	CER	06/09/00	NA	NA	NA	NA	NA	NA	NA	0.236	NA	NA	NA	NA
204.5	Tamales Bay/McDonald	PAC	06/09/00	NA	NA	NA	NA	NA	NA	NA	0.073	NA	NA	NA	NA

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Station Number	Station Name	Sample Type*	Sample Date	Aluminum	Arsenic	Cadmium	Chromium	Copper	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Zinc
204.5	Tomaes Bay/McDonald	ULV	06/09/00	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
205.0	Bodega Harbor/Spud Point Marina	TCM	03/16/00	1062.0	8.8	4.75	4.48	12.1	2.22	13.6	0.207	3.7	3.0	0.019	187.6
306.0	San Francisco Bay/Fort Baker	TCM	03/16/00	2096.0	8.2	4.92	7.39	10.3	5.53	36.4	0.418	6.2	4.0	0.055	174.4
336.0	J. Fitzgerald	RCM	12/07/99	859.0	7.1	5.08	5.36	6.7	1.01	10.9	0.283	3.9	3.5	0.217	98.6
404.0	Sandholdt Bridge	RCM	06/21/00	898.0	6.8	3.43	2.94	6.6	0.73	13.6	0.118	3.0	3.0	0.021	200.7
414.0	Pacific Grove	RCM	04/10/00	150.0	10.6	7.38	2.06	5.6	2.76	3.8	0.128	2.8	2.9	0.084	161.1
447.0	Santa Maria River Lagoon	TFC	02/03/00	633.0	13.3	2.44	35.78	113.2	0.40	43.0	0.161	6.5	3.2	0.099	81.5
448.0	Sisquoc River/Santa Maria River Mo	TFC	03/22/00	428.0	12.8	2.73	28.69	92.1	0.32	21.9	0.129	6.0	3.2	0.072	78.4
448.1	Cuyama River/HWY 166	TFC	03/22/00	1125.0	11.2	2.73	45.75	173.6	0.69	38.2	0.164	4.3	3.2	0.146	93.5
448.2	Orcutt Creek/Main Street	TFC	02/03/00	1676.0	13.1	2.32	33.08	109.8	0.84	46.0	0.150	4.4	3.0	0.104	82.1
448.3	Santa Maria River/HWY 1	TFC	02/03/00	4309.0	6.9	1.67	504.78	87.3	2.52	327.9	0.112	382.3	1.6	0.101	48.7
449.5	Jalama	RCM	02/15/00	522.0	9.3	2.54	5.43	7.2	0.95	8.3	0.119	4.1	3.6	0.484	119.8
601.0	LA Harbor/National Steel	TCM	02/02/00	676.0	8.4	7.00	3.89	34.5	8.18	27.9	0.313	1.9	3.8	0.112	305.7
603.3	LA Harbor/Berth 206	TCM	02/02/00	836.0	9.2	10.12	5.00	33.5	8.97	30.5	0.317	2.1	5.9	0.085	278.7
609.4	Long Beach/Queensway Bay	RCM	02/02/00	459.0	5.7	0.49	3.51	9.0	2.72	13.0	ND	3.1	3.9	0.104	94.7
616.0	LA Harbor/Consolidated Slip	TCM	02/02/00	998.0	8.2	7.28	5.88	17.6	11.96	34.8	0.233	2.5	3.1	0.105	276.8
617.9	Cabrillo Beach/Ocean Side	RCM	02/02/00	401.0	12.4	2.44	4.47	8.1	2.38	12.7	0.236	3.2	3.2	2.525	178.6
618.0	LA Harbor/Angels Gate	RCM	02/02/00	729.0	6.7	1.26	2.18	10.3	1.35	18.7	ND	1.2	4.3	0.039	157.1
648.0	Malibu	RCM	03/21/00	1327.0	8.4	2.59	7.47	8.8	1.44	26.5	0.102	6.3	4.7	1.313	147.9
650.0	Santa Monica	RCM	02/02/00	414.0	7.7	0.89	6.57	12.4	2.63	12.1	ND	4.7	3.9	2.070	108.7
662.0	Royal Palms	RCM	02/02/00	514.0	13.4	1.61	4.15	7.5	1.64	18.8	0.102	3.1	3.5	1.409	136.5
713.0	Huntington Harbour/Edinger Street	TCM	02/02/00	1046.0	6.6	3.89	3.59	15.6	5.22	27.0	0.134	2.3	4.3	0.034	216.0
715.0	Huntington Harbour/Warner Ave Bldg	TCM	02/02/00	1027.0	8.4	5.21	3.61	17.5	10.43	53.0	0.143	2.5	3.2	0.042	366.6
723.4	Newport Bay/Turning Basin	TCM	02/02/00	576.0	8.6	9.44	3.35	56.6	4.70	61.3	0.211	1.6	6.1	0.036	385.5
724.0	Newport Bay/Highway 1 Bridge	TCM	02/02/00	1353.0	7.8	7.43	4.68	35.0	4.93	30.2	0.221	2.4	4.8	0.075	367.3
725.0	Newport Bay/Crows Nest	TCM	02/02/00	468.0	7.5	8.19	3.70	97.2	6.69	40.3	0.471	1.4	3.9	0.065	636.3
726.0	Newport Bay/Rhine Channel/Upper	TCM	02/02/00	591.0	11.4	12.78	7.18	209.0	11.28	53.9	0.673	2.5	4.8	0.123	794.8
726.4	Newport Bay/Rhine Channel/End	TCM	02/02/00	592.0	8.2	10.72	7.78	195.9	8.60	64.9	0.612	3.7	4.0	0.116	816.1
726.6	Newport Bay/Mariners Drive	TCM	02/02/00	850.0	7.6	5.79	3.41	11.6	3.19	22.7	0.194	2.3	4.8	0.043	237.7
750.0	Oceanside	RCM	02/01/00	881.0	7.0	0.90	15.00	7.6	0.73	26.1	ND	10.1	2.6	0.171	86.8
883.1	San Diego Bay/Chollas Creek	TCM	02/01/00	1210.0	8.4	5.38	4.41	57.7	8.88	44.3	0.224	2.3	2.8	0.273	377.3
883.6	San Diego Bay/7th Street Channel	TCM	02/01/00	843.0	8.8	6.53	3.60	79.5	10.24	22.1	0.824	1.8	3.7	0.887	338.8
883.8	San Diego Bay/Switzer Creek	TCM	02/01/00	671.0	10.5	13.95	5.14	42.6	15.73	27.5	0.444	3.4	3.0	0.210	420.2
887.0	San Diego Bay/Evans Street	TCM	02/01/00	822.0	7.6	5.10	3.62	31.4	5.15	37.0	0.205	1.7	3.3	0.150	234.7
894.1	SD Bay/Harbor Is/E Basin/Storm Dr2	TCM	02/01/00	828.0	9.0	4.36	3.62	73.6	7.15	43.4	0.273	1.3	3.1	0.245	432.6
895.6	San Diego Bay/Grape St Storm Drain	TCM	02/01/00	718.0	9.1	6.84	4.99	21.9	5.69	24.8	0.231	2.3	4.7	0.159	226.1
898.0	Commercial Basin/Carlton Street	TCM	02/01/00	1162.0	10.9	5.48	4.56	237.0	11.97	33.6	0.996	1.6	3.7	0.290	779.3
899.2	San Diego Bay/Shelter Island	TCM	02/01/00	905.0	8.2	3.94	3.58	13.9	5.03	15.2	0.155	2.0	2.8	0.052	222.8
899.4	San Diego Bay/Shelter Is/Fuel Dock	TCM	02/01/00	481.0	6.5	4.44	2.65	187.0	4.69	10.4	0.422	1.0	2.5	0.302	530.9
901.0	San Diego Bay/Degausing Station	TCM	02/01/00	733.0	7.5	3.61	4.93	8.6	3.31	11.3	0.125	3.1	2.4	0.053	147.7

\* Sample Type listed in Table 6.

NA = Not Analyzed

ND = Not Detected

**TABLE 3**  
 State Mussel Watch Program  
 Preliminary Summary of 1999-00 Data: Organic Chemicals in Mussels and Clams (ppb, wet weight)

Station Number	Station Name	Sample Type*	Sample Date	Aldrin	alpha-Chlor-dene	cis-Chlor-dane	gamma-Chlor-dene	trans-Chlor-dane	cis-Nona-chlor	trans-Nona-chlor	Oxy-chlor-dane	Total Chlor-dane	Chlor-pyrifos	Dacthal
2.1	Crescent City Harbor Jetty	RCM	03/15/00	ND	ND	0.3	ND	ND	ND	ND	ND	0.3	ND	0.8
3.0	Crescent City/Control	RCM	03/15/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10.0	Trinidad Head	RCM	11/08/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
100.0	Mad River Slough	TCM	03/15/00	ND	ND	0.3	ND	0.2	ND	ND	ND	0.5	ND	ND
102.6	Humboldt Bay/J Street	TCM	03/15/00	ND	ND	0.3	ND	0.2	ND	0.2	ND	0.7	ND	ND
102.8	Humboldt Bay/C Street	TCM	03/15/00	ND	ND	0.3	ND	0.2	ND	0.2	ND	0.6	ND	ND
103.4	Humboldt Del Norte Pier	TCM	03/15/00	ND	ND	0.3	ND	0.2	ND	ND	ND	0.5	ND	ND
202.0	Bodega Head	RCM	09/10/99	ND	ND	0.2	ND	ND	ND	ND	ND	0.2	ND	ND
203.0	Tomaes Bay	RCM	03/16/00	ND	ND	0.1	ND	ND	ND	ND	ND	0.1	ND	ND
205.0	Bodega Harbor/Spud Point Marina	TCM	03/16/00	ND	ND	0.2	ND	ND	ND	ND	ND	0.2	ND	ND

  

Station Number	Diaz-inon	o,p' DDD	p,p' DDD	o,p' DDE	p,p' DDE	o,p' DDT	p,p' DDT	p,p' DDMU	Total DDT	Di-Chloro-Benzophenone	Dieldrin	Endo-sulfan I	Endo-sulfan II	Endo-sulfan sulfate	Total Endo-sulfan	Endrin	Ethion
2.1	ND	ND	ND	ND	0.9	ND	ND	ND	0.9	NA	2.5	ND	NA	NA	ND	ND	ND
3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	NA	NA	ND	ND	ND
10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	0.4	ND	NA	NA	ND	ND	ND
100.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	0.7	ND	NA	NA	ND	ND	ND
102.6	ND	ND	ND	ND	0.7	ND	ND	ND	0.7	NA	0.9	ND	NA	NA	ND	ND	ND
102.8	ND	ND	ND	ND	0.7	ND	ND	ND	0.7	NA	0.5	ND	NA	NA	ND	ND	ND
103.4	ND	ND	ND	ND	0.7	ND	ND	ND	0.7	NA	0.7	ND	NA	NA	ND	ND	ND
202.0	ND	ND	ND	ND	0.7	ND	ND	ND	0.7	NA	0.8	0.6	ND	ND	0.6	ND	ND
203.0	ND	ND	ND	ND	0.9	ND	ND	ND	0.9	NA	0.3	ND	NA	NA	ND	ND	ND
205.0	ND	ND	ND	ND	1.3	ND	ND	ND	1.3	NA	0.8	ND	NA	NA	ND	ND	ND

  

Station Number	alpha-HCH	beta-HCH	delta-HCH	gamma-HCH (Lindane)	Hepta-chlor	Hepta-chlor-epoxide	Hexa-chloro-benzene	Methoxy-chlor	Ethyl-para-thion	Methyl-para-thion	Oxa-diazon	PCB 1248	PCB 1254	PCB 1260	Total PCB	Tetra-difon	Toxa-phene
2.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.9	ND	6.9	ND	ND
3.0	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.4	ND	1.4	ND	ND
10.0	1.3	0.8	ND	ND	ND	ND	ND	ND	ND	ND	1.2	ND	2.4	ND	2.4	ND	ND
100.0	0.2	ND	ND	1.3	ND	0.2	ND	ND	ND	ND	8.9	9.7	ND	18.6	ND	ND	ND
102.6	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	14.3	ND	14.3	ND	ND
102.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	45.0	ND	45.0	ND	ND	ND
103.4	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.5	ND	6.5	ND	ND	ND
202.0	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.1	ND	5.1	ND	ND	ND
203.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.2	ND	3.2	ND	ND	ND
205.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10.5	ND	10.5	ND	ND	ND

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TABLE 3

## State Mussel Watch Program

Preliminary Summary of 1999-00 Data: Organic Chemicals in Mussels and Clams (ppb, wet weight)

Station Number	Station Name	Sample Type*	Sample Date	Aldrin	alpha-Chlor-dene	cis-Chlor-dane	gamma-Chlor-dene	trans-Chlor-dane	cis-Nona-chlor	trans-Nona-chlor	Oxy-chlor-dane	Total Chlor-dane	Chlor-pyrifos	Dacthal
306.0	San Francisco Bay/Port Baker	TCM	03/16/00	ND	ND	1.3	ND	0.8	0.2	0.8	ND	3.0	ND	ND
336.0	J. Fitzgerald	RCM	12/07/99	ND	ND	0.2	ND	ND	ND	ND	ND	0.2	ND	ND
404.0	Sandholdt Bridge	RCM	04/10/00	ND	0.9	15.3	0.6	16.0	4.9	20.9	0.5	59.1	ND	0.6
414.0	Pacific Grove	RCM	04/10/00	ND	ND	0.4	ND	0.2	ND	ND	ND	0.6	ND	ND
447.0	Santa Maria River Lagoon	TFC	02/03/00	ND	ND	1.4	ND	0.3	0.2	3.5	ND	5.4	63.9	ND
448.0	Sisquoc River/Santa Maria River Mo	TFC	03/22/00	ND	ND	0.4	ND	0.2	0.2	0.7	ND	1.5	1.8	0.7
448.2	Orcutt Creek/Main Street	TFC	02/03/00	ND	ND	1.4	ND	0.5	0.8	2.1	ND	4.8	80.3	15.0
449.5	Jalama	RCM	02/15/00	ND	ND	0.2	ND	ND	ND	ND	ND	0.2	ND	ND
601.0	LA Harbor/National Steel	TCM	02/02/00	ND	0.2	1.7	ND	1.3	0.5	1.4	0.1	5.2	ND	ND
603.3	LA Harbor/Berth 206	TCM	02/02/00	ND	0.2	1.9	ND	1.3	0.6	1.5	0.1	5.5	ND	ND

  

Station Number	Diaz-inon	o,p' DDD	p,p' DDD	o,p' DDE	p,p' DDE	o,p' DDT	p,p' DDT	p,p' DDMU	Total DDT	Di-Chloro-Benzophenone	Dieldrin	Endo-sulfan I	Endo-sulfan II	Endo-sulfan sulfate	Total Endo-sulfan	Endrin	Ethion
306.0	ND	ND	1.6	ND	3.9	ND	0.6	ND	6.0	NA	1.6	ND	NA	NA	ND	ND	ND
336.0	ND	ND	ND	ND	1.1	ND	ND	ND	1.1	NA	0.8	ND	NA	NA	ND	ND	ND
404.0	ND	8.6	24.4	3.0	264.6	2.2	18.9	4.4	326.1	NA	5.5	ND	NA	NA	ND	ND	ND
414.0	ND	ND	0.5	ND	3.4	ND	0.8	ND	4.6	NA	1.2	ND	NA	NA	ND	ND	ND
447.0	ND	19.4	55.3	4.2	192.5	20.8	75.3	3.9	371.5	NA	22.4	0.4	ND	ND	0.4	ND	ND
448.0	ND	1.4	3.2	0.7	27.4	0.6	2.9	0.9	37.1	NA	1.2	0.2	ND	ND	0.2	ND	ND
448.2	ND	13.7	35.1	5.4	242.0	29.6	93.6	3.1	422.5	NA	36.5	0.6	ND	1.2	1.8	ND	ND
449.5	ND	ND	ND	ND	5.6	ND	ND	ND	5.6	NA	0.5	0.2	ND	ND	0.2	ND	ND
601.0	ND	1.5	4.5	3.5	34.5	ND	0.5	3.6	48.1	NA	1.3	ND	NA	NA	ND	ND	ND
603.3	ND	1.2	4.1	3.5	33.1	ND	0.5	3.5	46.0	NA	1.8	ND	NA	NA	ND	ND	ND

  

Station Number	alpha-HCH	beta-HCH	delta-HCH	gamma-HCH (Lindane)	Hepta-chlor	Hepta-chlor-epoxide	Hexa-chloro-benzene	Methoxy-chlor	Ethyl-para-thion	Methyl-para-thion	Oxa-diazon	PCB 1248	PCB 1254	PCB 1260	Total PCB	Tetra-difon	Toxa-phene
306.0	ND	ND	ND	ND	ND	0.4	ND	ND	ND	ND	0.7	ND	18.8	ND	18.8	ND	ND
336.0	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.5	ND	3.5	ND	ND
404.0	ND	ND	ND	ND	ND	0.1	ND	ND	ND	ND	ND	ND	42.6	ND	42.6	ND	60.9
414.0	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.1	ND	2.1	ND	ND
447.0	ND	ND	ND	0.2	ND	0.4	0.3	ND	ND	ND	0.2	ND	43.9	2.2	46.1	ND	751.3
448.0	ND	ND	ND	ND	ND	ND	0.1	ND	ND	ND	1.6	11.9	10.8	2.2	24.9	ND	ND
448.2	ND	ND	ND	0.4	ND	1.2	0.4	ND	ND	ND	0.8	ND	42.3	2.3	44.6	ND	725.9
449.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.6	ND	3.6	ND	ND
601.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	14.3	74.0	ND	88.3	ND	ND
603.3	ND	ND	ND	ND	ND	0.2	ND	ND	ND	ND	ND	14.1	71.8	ND	85.9	ND	ND

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**TABLE 3**

State Mussel Watch Program

Preliminary Summary of 1999-00 Data: Organic Chemicals in Mussels and Clams (ppb, wet weight)

Station Number	Station Name	Sample Type*	Sample Date	Aldrin	alpha-Chlor-dene	cis-Chlor-dane	gamma-Chlor-dene	trans-Chlor-dane	cis-Nona-chlor	trans-Nona-chlor	Oxy-chlor-dane	Total Chlor-dane	Chlor-pyrifos	Dacthal
609.4	Long Beach/Queensway Bay	RCM	02/02/00	ND	0.5	7.2	0.2	6.1	2.0	6.6	0.4	23.0	ND	36.4
616.0	LA Harbor/Consolidated Slip	TCM	02/02/00	ND	0.1	1.3	ND	0.9	0.4	1.2	ND	3.9	ND	ND
617.9	Cabrillo Beach/Ocean Side	RCM	02/02/00	ND	ND	0.4	ND	0.2	ND	ND	ND	0.6	ND	ND
618.0	LA Harbor/Angels Gate	RCM	02/02/00	ND	ND	1.0	ND	0.6	0.4	1.1	ND	3.1	ND	ND
648.0	Malibu	RCM	03/22/00	ND	ND	0.9	ND	0.6	0.2	0.7	ND	2.4	ND	ND
650.0	Santa Monica	RCM	02/02/00	ND	ND	2.2	ND	2.4	0.6	2.1	ND	7.3	ND	ND
662.0	Royal Palms	RCM	02/02/00	ND	ND	0.5	ND	0.3	ND	0.3	ND	1.1	ND	ND
713.0	Huntington Harbour/Edinger Street	TCM	02/02/00	ND	0.2	3.0	ND	2.1	1.1	2.6	0.2	9.2	ND	ND
715.0	Huntington Harbour/Warner Ave Brdg	TCM	02/02/00	ND	ND	2.0	ND	1.6	0.9	1.9	0.2	6.5	ND	ND
723.4	Newport Bay/Turning Basin	TCM	02/02/00	ND	ND	1.4	ND	0.8	0.5	1.2	0.2	4.0	ND	ND

  

Station Number	Diaz-inon	o,p' DDD	p,p' DDD	o,p' DDE	p,p' DDE	o,p' DDT	p,p' DDT	p,p' DDMU	Total DDT	Di-Chloro-Benzophenone	Dieldrin	Endo-sulfan I	Endo-sulfan II	Endo-sulfan sulfate	Total Endo-sulfan	Endrin	Ethion
609.4	ND	1.7	5.6	1.7	18.1	ND	0.7	3.0	30.8	NA	2.8	ND	NA	NA	ND	ND	ND
616.0	ND	1.1	3.6	1.6	16.8	ND	ND	1.8	24.9	NA	0.9	ND	NA	NA	ND	ND	ND
617.9	ND	ND	1.6	3.0	33.1	ND	ND	4.0	41.6	NA	0.4	ND	NA	NA	ND	ND	ND
618.0	ND	2.1	5.5	15.1	120.4	ND	ND	11.8	154.8	NA	2.1	0.9	ND	ND	0.9	ND	ND
648.0	ND	ND	0.9	1.2	11.7	ND	ND	2.2	16.0	NA	0.7	ND	NA	NA	ND	ND	ND
650.0	ND	ND	1.7	2.1	20.5	ND	ND	3.8	28.1	NA	0.9	ND	NA	NA	ND	ND	ND
662.0	ND	0.8	2.7	4.8	53.1	ND	ND	6.9	68.5	NA	0.6	ND	NA	NA	ND	ND	ND
713.0	ND	2.5	5.7	1.4	32.1	ND	0.8	3.5	45.9	NA	1.9	ND	NA	NA	ND	ND	ND
715.0	ND	1.0	2.5	0.7	22.4	ND	ND	2.1	28.6	NA	1.2	ND	NA	NA	ND	ND	ND
723.4	ND	ND	1.9	0.3	15.8	ND	ND	1.0	19.1	NA	1.4	ND	NA	NA	ND	ND	ND

  

Station Number	alpha-HCH	beta-HCH	delta-HCH	gamma-HCH (Lindane)	Hepta-chlor	Hepta-chlor-epoxide	Hexa-chloro-benzene	Methoxy-chlor	Ethyl-para-thion	Methyl-para-thion	Oxa-diazon	PCB 1248	PCB 1254	PCB 1260	Total PCB	Tetra-difon	Toxa-phene
609.4	ND	ND	ND	0.2	ND	0.2	0.2	ND	ND	ND	2.9	56.6	30.1	ND	86.8	ND	ND
616.0	ND	ND	ND	ND	ND	0.2	ND	ND	ND	ND	ND	9.5	35.0	ND	44.5	ND	ND
617.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.1	ND	6.1	ND	ND
618.0	ND	ND	ND	ND	ND	0.2	ND	ND	ND	ND	ND	17.6	58.3	ND	75.9	ND	ND
648.0	ND	ND	ND	0.1	ND	0.2	ND	ND	ND	ND	0.3	ND	7.5	ND	7.5	ND	ND
650.0	0.2	ND	ND	ND	ND	0.4	ND	ND	ND	ND	0.8	ND	13.5	ND	13.5	ND	ND
662.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12.3	ND	12.3	ND	ND
713.0	ND	ND	ND	ND	ND	0.3	ND	2.7	ND	ND	ND	10.9	20.6	ND	31.5	ND	ND
715.0	ND	ND	ND	ND	ND	0.2	ND	ND	ND	ND	0.3	ND	18.9	ND	18.9	ND	ND
723.4	ND	ND	ND	ND	ND	0.1	ND	ND	ND	ND	0.3	ND	14.0	ND	14.0	ND	ND

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## State Mussel Watch Program

Preliminary Summary of 1999-00 Data: Organic Chemicals in Mussels and Clams (ppb, wet weight)

Station Number	Station Name	Sample Type*	Sample Date	Aldrin	alpha-Chlor-dene	cis-Chlor-dane	gamma-Chlor-dene	trans-Chlor-dane	cis-Nona-chlor	trans-Nona-chlor	Oxy-chlor-dane	Total Chlor-dane	Chlor-pyrifos	Dacthal
724.0	Newport Bay/Highway 1 Bridge	TCM	02/02/00	ND	ND	2.2	ND	1.8	0.8	2.1	0.2	7.1	0.9	ND
725.0	Newport Bay/Crows Nest	TCM	02/02/00	ND	ND	1.6	ND	0.8	0.8	1.6	0.3	5.0	ND	ND
726.0	Newport Bay/Rhine Channel/Upper	TCM	02/02/00	ND	ND	0.8	ND	0.6	0.5	0.9	0.2	2.9	ND	ND
726.4	Newport Bay/Rhine Channel/End	TCM	02/02/00	ND	ND	1.1	ND	0.6	0.6	1.3	0.3	3.9	0.6	ND
726.6	Newport Bay/Mariners Drive	TCM	02/02/00	ND	0.1	1.9	ND	1.2	0.7	1.8	0.2	5.9	1.3	ND
750.0	Oceanside	RCM	02/01/00	ND	ND	0.4	ND	0.2	ND	0.2	ND	0.8	ND	ND
883.1	San Diego Bay/Chollas Creek	TCM	02/01/00	ND	ND	1.0	ND	0.8	0.5	0.9	ND	3.2	ND	ND
883.8	San Diego Bay/Switzer Creek	TCM	02/01/00	ND	ND	0.9	ND	0.8	0.4	0.5	ND	2.6	ND	ND
887.0	San Diego Bay/Evans Street	TCM	02/01/00	ND	ND	0.7	ND	0.6	0.5	0.5	ND	2.3	ND	ND
894.1	SD Bay/Harbor Is/E Basin/Storm Dr2	TCM	02/01/00	ND	ND	1.2	ND	1.1	0.7	1.0	ND	4.0	ND	ND

  

Station Number	Diaz-inon	o,p' DDD	p,p' DDD	o,p' DDE	p,p' DDE	o,p' DDT	p,p' DDT	p,p' DDMU	Total DDT	Di-Chloro-Benzophenone	Dieldrin	Endo-sulfan I	Endo-sulfan II	Endo-sulfan sulfate	Total Endo-sulfan	Endrin	Ethion
724.0	ND	1.3	6.3	1.0	48.5	ND	ND	2.7	59.8	NA	1.1	ND	NA	NA	ND	ND	ND
725.0	ND	1.0	3.8	0.6	36.4	ND	ND	1.4	43.3	NA	2.1	ND	NA	NA	ND	ND	ND
726.0	ND	ND	1.5	0.3	17.9	ND	ND	0.7	20.4	NA	0.9	ND	NA	NA	ND	ND	ND
726.4	ND	0.8	2.8	0.4	28.0	ND	ND	1.1	33.0	NA	1.8	ND	NA	NA	ND	ND	ND
726.6	ND	1.4	7.1	0.9	40.9	ND	ND	2.9	53.3	NA	1.7	ND	NA	NA	ND	ND	ND
750.0	ND	ND	0.7	ND	6.9	ND	ND	ND	7.6	NA	0.4	ND	NA	NA	ND	ND	ND
883.1	ND	ND	0.6	ND	2.8	ND	ND	ND	3.4	NA	0.7	ND	NA	NA	ND	ND	ND
883.8	ND	ND	1.0	ND	2.2	ND	1.0	ND	4.1	NA	0.5	ND	NA	NA	ND	ND	ND
887.0	ND	ND	0.5	ND	2.7	ND	ND	ND	3.2	NA	0.6	ND	NA	NA	ND	ND	ND
894.1	ND	ND	1.1	ND	4.5	ND	ND	ND	5.7	NA	1.4	ND	NA	NA	ND	ND	ND

  

Station Number	alpha-HCH	beta-HCH	delta-HCH	gamma-HCH (Lindane)	Hepta-chlor	Hepta-chlor-epoxide	Hexa-chloro-benzene	Methoxy-chlor	Ethyl-para-thion	Methyl-para-thion	Oxa-diazon	PCB 1248	PCB 1254	PCB 1260	Total PCB	Tetra-difon	Toxa-phene
724.0	ND	ND	ND	ND	0.5	0.4	ND	ND	ND	ND	0.9	6.9	18.2	ND	25.0	ND	ND
725.0	ND	ND	ND	ND	ND	0.2	ND	ND	ND	ND	ND	23.5	80.2	ND	103.7	ND	ND
726.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.3	ND	65.9	ND	65.9	ND	ND
726.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	20.3	83.4	ND	103.7	ND	ND
726.6	ND	ND	ND	ND	ND	0.2	ND	ND	ND	ND	2.7	8.0	13.9	ND	21.9	ND	ND
750.0	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	ND	2.9	ND	2.9	ND	ND
883.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	105.9	ND	105.9	ND	ND
883.8	ND	ND	ND	ND	ND	0.1	ND	ND	ND	ND	0.5	ND	86.1	ND	86.1	ND	ND
887.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	94.9	ND	94.9	ND	ND
894.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.7	27.9	201.3	ND	229.1	ND	ND

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ND = Not Detected



**TABLE 3**

State Mussel Watch Program

Preliminary Summary of 1999-00 Data: Organic Chemicals in Mussels and Clams (ppb, wet weight)

Station Number	Station Name	Sample Type*	Sample Date	Aldrin	alpha-Chlor-dene	cis-Chlor-dane	gamma-Chlor-dene	trans-Chlor-dane	cis-Nona-chlor	trans-Nona-chlor	Oxy-chlor-dane	Total Chlor-dane	Chlor-pyrifos	Dacthal
895.6	San Diego Bay/Grape St Storm Drain	TCM	02/01/00	ND	ND	0.8	ND	0.8	0.5	0.8	ND	2.9	ND	ND
898.0	Commercial Basin/Carlton Street	TCM	02/01/00	ND	ND	1.1	ND	1.1	0.6	1.0	ND	3.8	ND	ND
899.2	San Diego Bay/Shelter Island	TCM	02/01/00	ND	ND	0.8	ND	0.7	0.3	0.4	ND	2.2	ND	ND
899.4	San Diego Bay/Shelter Is/Fuel Dock	TCM	02/01/00	ND	ND	1.3	ND	1.0	0.8	0.9	0.2	4.1	ND	ND
901.0	San Diego Bay/Degausing Station	TCM	02/01/00	ND	ND	0.4	ND	0.2	ND	ND	ND	0.6	ND	ND

  

Station Number	Diaz-inon	o,p' DDD	p,p' DDD	o,p' DDE	p,p' DDE	o,p' DDT	p,p' DDT	p,p' DDMU	Total DDT	Di-Chloro-Benzophenone	Dieldrin	Endo-sulfan I	Endo-sulfan II	Endo-sulfan sulfate	Total Endo-sulfan	Endrin	Ethion
895.6	ND	ND	0.6	ND	2.6	ND	ND	ND	3.2	NA	0.7	ND	NA	NA	ND	ND	ND
898.0	ND	1.4	3.6	ND	8.5	ND	0.6	1.3	15.5	NA	0.8	ND	NA	NA	ND	ND	ND
899.2	ND	ND	0.9	ND	5.2	ND	ND	ND	6.1	NA	1.6	ND	NA	NA	ND	ND	ND
899.4	ND	ND	0.6	ND	4.1	ND	ND	ND	4.7	NA	1.4	ND	NA	NA	ND	ND	ND
901.0	ND	ND	ND	ND	4.6	ND	ND	ND	4.6	NA	0.8	ND	NA	NA	ND	ND	ND

  

Station Number	alpha-HCH	beta-HCH	delta-HCH	gamma-HCH (Lindane)	Hepta-chlor	Hepta-chlor-epoxide	Hexa-chloro-benzene	Methoxy-chlor	Ethyl-para-thion	Methyl-para-thion	Oxa-diazon	PCB 1248	PCB 1254	PCB 1260	Total PCB	Tetra-difon	Toxa-phene
895.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.3	11.8	93.3	ND	105.1	ND	ND
898.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	277.9	277.9	ND	277.9	ND	ND
899.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.9	ND	75.9	ND	75.9	ND	ND
899.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	116.6	ND	116.6	ND	ND
901.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	30.9	ND	30.9	ND	ND

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**TABLE 4**  
**State Mussel Watch Program**  
**Preliminary Summary of 1999-00 Data: Organic Chemicals in Mussels and Clams (ppb, dry weight)**

Station Number	Station Name	Sample Type*	Sample Date	Aldrin	alpha-Chlor-dene	cis-Chlor-dane	gamma-Chlor-dene	trans-Chlor-dane	cis-Nona-chlor	trans-Nona-chlor	Oxy-chlor-dane	Total Chlor-dane	Chlor-pyrifos	Dacthal
2.1	Crescent City Harbor Jetty	RCM	03/15/00	ND	ND	1.6	ND	ND	ND	ND	ND	1.6	ND	4.5
3.0	Crescent City/Control	RCM	03/15/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10.0	Trinidad Head	RCM	11/08/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
100.0	Mad River Slough	TCM	03/15/00	ND	ND	1.6	ND	1.1	ND	ND	ND	2.8	ND	ND
102.6	Humboldt Bay/J Street	TCM	03/15/00	ND	ND	2.1	ND	1.4	ND	1.1	ND	4.5	ND	ND
102.8	Humboldt Bay/C Street	TCM	03/15/00	ND	ND	1.7	ND	1.2	ND	1.0	ND	3.9	ND	ND
103.4	Humboldt Del Norte Pier	TCM	03/15/00	ND	ND	1.5	ND	1.1	ND	ND	ND	2.6	ND	ND
202.0	Bodega Head	RCM	09/10/99	ND	ND	1.1	ND	ND	ND	ND	ND	1.1	ND	ND
203.0	Tomaes Bay	RCM	03/16/00	ND	ND	1.0	ND	ND	ND	ND	ND	1.0	ND	ND
205.0	Bodega Harbor/Spud Point Marina	TCM	03/16/00	ND	ND	1.0	ND	ND	ND	ND	ND	1.0	ND	ND

  

Station Number	Diaz-inon	o,p' DDD	p,p' DDD	o,p' DDE	p,p' DDE	o,p' DDT	p,p' DDT	p,p' DEMU	Total DDT	Di-Chloro-Benzophenone	Dieldrin	Endo-sulfan I	Endo-sulfan II	Endo-sulfan sulfate	Total Endo-sulfan	Endrin	Ethion
2.1	ND	ND	ND	ND	5.2	ND	ND	ND	5.2	NA	14.1	ND	NA	NA	ND	ND	ND
3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	NA	NA	ND	ND	ND
10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	1.8	ND	NA	NA	ND	ND	ND
100.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	4.3	ND	NA	NA	ND	ND	ND
102.6	ND	ND	ND	ND	4.4	ND	ND	ND	4.4	NA	5.6	ND	NA	NA	ND	ND	ND
102.8	ND	ND	ND	ND	4.4	ND	ND	ND	4.4	NA	3.2	ND	NA	NA	ND	ND	ND
103.4	ND	ND	ND	ND	4.1	ND	ND	ND	4.1	NA	4.0	ND	NA	NA	ND	ND	ND
202.0	ND	ND	ND	ND	4.2	ND	ND	ND	4.2	NA	5.0	3.6	ND	ND	3.6	ND	ND
203.0	ND	ND	ND	ND	6.4	ND	ND	ND	6.4	NA	2.5	ND	NA	NA	ND	ND	ND
205.0	ND	ND	ND	ND	7.8	ND	ND	ND	7.8	NA	4.8	ND	NA	NA	ND	ND	ND

  

Station Number	alpha-HCH	beta-HCH	delta-HCH	gamma-HCH (Lindane)	Hepta-chlor	Hepta-chlor-epoxide	Hexa-chloro-benzene	Meth-oxychlor	Ethyl-parathion	Methyl-parathion	Oxa-diazon	PCB 1248	PCB 1254	PCB 1260	Total PCB	Tetra-difon	Toxa-phene
2.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	39.0	ND	39.0	ND	ND
3.0	1.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.0	ND	8.0	ND	ND
10.0	5.8	3.7	ND	ND	ND	ND	ND	ND	ND	ND	5.6	ND	11.0	ND	11.0	ND	ND
100.0	1.2	ND	ND	7.8	ND	1.4	ND	ND	ND	ND	ND	51.0	56.0	ND	107.0	ND	ND
102.6	1.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	92.0	ND	92.0	ND	ND
102.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	276.0	ND	276.0	ND	ND
103.4	1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	37.0	ND	37.0	ND	ND
202.0	2.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	32.0	ND	32.0	ND	ND
203.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	24.0	ND	24.0	ND	ND
205.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	62.0	ND	62.0	ND	ND

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TABLE 4

## State Mussel Watch Program

Preliminary Summary of 1999-00 Data: Organic Chemicals in Mussels and Clams (ppb, dry weight)

Station Number	Station Name	Sample Type*	Sample Date	Aldrin	alpha-Chlor-dene	cis-Chlor-dane	gamma-Chlor-dene	trans-Chlor-dane	cis-Nona-chlor	trans-Nona-chlor	Oxy-chlor-dane	Total Chlor-dane	Chlor-pyrifos	Dacthal
306.0	San Francisco Bay/Fort Baker	TCM	03/16/00	ND	ND	8.6	ND	5.2	1.5	5.4	ND	20.8	ND	ND
336.0	J. Fitzgerald	RCM	12/07/99	ND	ND	1.1	ND	ND	ND	ND	ND	1.1	ND	ND
404.0	Sandholdt Bridge	RCM	04/10/00	ND	6.5	109.0	4.6	114.0	35.3	149.0	3.4	422.0	ND	4.6
414.0	Pacific Grove	RCM	04/10/00	ND	ND	2.4	ND	1.5	ND	ND	ND	3.9	ND	ND
447.0	Santa Maria River Lagoon	TFC	02/03/00	ND	ND	12.8	ND	2.6	2.1	31.6	ND	49.1	581.0	ND
448.0	Sisquoc River/Santa Maria River Mo	TFC	03/22/00	ND	ND	4.4	ND	2.4	1.7	7.4	ND	15.9	18.9	7.8
448.2	Orcutt Creek/Main Street	TFC	02/03/00	ND	ND	12.3	ND	4.7	7.6	18.5	ND	43.1	723.0	135.0
449.5	Jalama	RCM	02/15/00	ND	ND	1.1	ND	ND	ND	ND	ND	1.1	ND	ND
601.0	LA Harbor/National Steel	TCM	02/02/00	ND	1.3	14.8	ND	11.3	4.4	12.2	1.1	45.2	ND	ND
603.3	LA Harbor/Berth 206	TCM	02/02/00	ND	1.2	14.9	ND	10.3	4.5	11.6	1.1	43.7	ND	ND

  

Station Number	Diaz-inon	o,p' DDD	p,p' DDD	o,p' DDE	p,p' DDE	o,p' DDT	p,p' DDT	p,p' DDMU	Total DDT	Di-Chloro-Benzophenone	Dieldrin	Endo-sulfan I	Endo-sulfan II	Endo-sulfan sulfate	Total Endo-sulfan	Endrin	Ethion
306.0	ND	ND	10.7	ND	26.6	ND	4.1	ND	41.4	NA	11.2	ND	NA	NA	ND	ND	ND
336.0	ND	ND	ND	ND	6.1	ND	ND	ND	6.1	NA	4.6	ND	NA	NA	ND	ND	ND
404.0	ND	61.7	174.0	21.5	1890.0	15.5	135.0	31.5	2329.2	NA	39.2	ND	NA	NA	ND	ND	ND
414.0	ND	ND	3.2	ND	22.6	ND	5.0	ND	30.8	NA	7.9	ND	NA	NA	ND	ND	ND
447.0	ND	176.0	503.0	38.5	1750.0	189.0	685.0	35.4	3376.9	NA	204.0	3.5	ND	ND	3.5	ND	ND
448.0	ND	14.4	34.5	7.0	291.0	6.8	31.3	10.0	394.9	NA	12.5	2.1	ND	ND	2.1	ND	ND
448.2	ND	123.0	316.0	48.8	2180.0	267.0	843.0	28.3	3806.1	NA	329.0	5.2	ND	11.2	16.4	ND	ND
449.5	ND	ND	ND	ND	32.2	ND	ND	ND	32.2	NA	2.7	1.2	ND	ND	1.2	ND	ND
601.0	ND	13.1	38.4	30.5	297.0	ND	4.3	31.3	414.6	NA	11.6	ND	NA	NA	ND	ND	ND
603.3	ND	9.8	32.6	27.5	263.0	ND	4.1	28.1	365.1	NA	14.6	ND	NA	NA	ND	ND	ND

  

Station Number	alpha-HCH	beta-HCH	delta-HCH	gamma-HCH (Lindane)	Hepta-chlor	Hepta-chlor-epoxide	Hexa-chloro-benzene	Meth-oxy-chlor	Ethyl-para-thion	Methyl-para-thion	Oxa-diazon	PCB 1248	PCB 1254	PCB 1260	Total PCB	Tetra-difon	Toxa-phene
306.0	ND	ND	ND	ND	ND	2.6	ND	ND	ND	ND	5.1	ND	129.0	ND	129.0	ND	ND
336.0	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.0	ND	20.0	ND	ND
404.0	ND	ND	ND	ND	ND	1.0	ND	ND	ND	ND	ND	ND	304.0	ND	304.0	ND	435.0
414.0	1.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	14.0	ND	14.0	ND	ND
447.0	ND	ND	ND	2.0	ND	3.2	2.3	ND	ND	ND	2.2	ND	399.0	20.0	419.0	ND	6830.0
448.0	ND	ND	ND	ND	ND	ND	1.1	ND	ND	ND	16.8	127.0	115.0	23.0	265.0	ND	ND
448.2	ND	ND	ND	3.5	ND	10.6	3.4	ND	ND	ND	7.2	ND	381.0	21.0	402.0	ND	6540.0
449.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	21.0	ND	21.0	ND	ND
601.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	123.0	638.0	ND	761.0	ND	ND
603.3	ND	ND	ND	ND	ND	1.6	ND	ND	ND	ND	ND	112.0	570.0	ND	682.0	ND	ND

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TABLE 4

## State Mussel Watch Program

Preliminary Summary of 1999-00 Data: Organic Chemicals in Mussels and Clams (ppb, dry weight)

Station Number	Station Name	Sample Type*	Sample Date	Aldrin	alpha-Chlor-dene	cis-Chlor-dane	gamma-Chlor-dene	trans-Chlor-dane	cis-Nona-chlor	trans-Nona-chlor	Oxy-chlor-dane	Total Chlor-dane	Chlor-pyrifos	Dacthal
609.4	Long Beach/Queensway Bay	RCM	02/02/00	ND	3.3	47.1	1.1	40.0	12.9	43.0	2.8	150.0	ND	238.0
616.0	LA Harbor/Consolidated Slip	TCM	02/02/00	ND	1.3	12.9	ND	8.9	4.4	12.3	ND	39.8	ND	ND
617.9	Cabrillo Beach/Ocean Side	RCM	02/02/00	ND	ND	3.2	ND	1.3	ND	ND	ND	4.5	ND	ND
618.0	LA Harbor/Angels Gate	RCM	02/02/00	ND	ND	5.9	ND	3.7	2.1	6.3	ND	18.0	ND	ND
648.0	Malibu	RCM	03/22/00	ND	ND	6.3	ND	4.4	1.4	5.3	ND	17.5	ND	ND
650.0	Santa Monica	RCM	02/02/00	ND	ND	12.4	ND	13.5	3.4	11.7	ND	41.0	ND	ND
662.0	Royal Palms	RCM	02/02/00	ND	ND	3.1	ND	1.8	ND	1.6	ND	6.5	ND	ND
713.0	Huntington Harbour/Edinger Street	TCM	02/02/00	ND	1.1	19.4	ND	13.5	7.1	16.9	1.6	59.6	ND	ND
715.0	Huntington Harbour/Warner Ave Brdg	TCM	02/02/00	ND	ND	17.0	ND	13.2	7.9	15.9	1.3	55.3	ND	ND
723.4	Newport Bay/Turning Basin	TCM	02/02/00	ND	ND	13.1	ND	7.2	4.4	10.8	1.5	37.0	ND	ND

  

Station Number	Diaz-inon	o,p' DDD	p,p' DDD	o,p' DDE	p,p' DDE	o,p' DDT	p,p' DDT	p,p' DDMU	Total DDT	Di-Chloro-Benzophenone	Dieldrin	Endo-sulfan I	Endo-sulfan II	Endo-sulfan sulfate	Total Endo-sulfan	Endrin	Ethion
609.4	ND	11.1	36.7	11.3	118.0	ND	4.6	19.8	201.5	NA	18.6	ND	NA	NA	ND	ND	ND
616.0	ND	10.8	36.6	16.0	170.0	ND	ND	18.1	251.5	NA	9.4	ND	NA	NA	ND	ND	ND
617.9	ND	ND	11.8	22.2	249.0	ND	ND	29.9	312.9	NA	3.3	ND	NA	NA	ND	ND	ND
618.0	ND	11.8	31.6	86.5	692.0	ND	ND	68.0	889.9	NA	11.8	5.4	ND	ND	5.4	ND	ND
648.0	ND	ND	6.2	8.5	84.4	ND	ND	15.7	114.8	NA	4.8	ND	NA	NA	ND	ND	ND
650.0	ND	ND	9.4	11.8	116.0	ND	ND	21.4	158.6	NA	5.1	ND	NA	NA	ND	ND	ND
662.0	ND	5.2	16.8	29.7	328.0	ND	ND	42.9	422.6	NA	3.8	ND	NA	NA	ND	ND	ND
713.0	ND	15.9	36.7	9.1	207.0	ND	5.2	22.5	296.4	NA	12.4	ND	NA	NA	ND	ND	ND
715.0	ND	8.3	20.9	5.7	190.0	ND	ND	17.4	242.4	NA	10.4	ND	NA	NA	ND	ND	ND
723.4	ND	ND	18.1	3.2	148.0	ND	ND	9.0	178.3	NA	13.3	ND	NA	NA	ND	ND	ND

  

Station Number	alpha-HCH	beta-HCH	delta-HCH	gamma-HCH (Lindane)	Hepta-chlor	Hepta-chlor-epoxide	Hexa-chloro-benzene	Meth-oxy-chlor	Ethyl-para-thion	Methyl-para-thion	Oxa-diazon	PCB 1248	PCB 1254	PCB 1260	Total PCB	Tetra-difon	Toxa-phene
609.4	ND	ND	ND	1.6	ND	1.2	1.0	ND	ND	ND	18.9	370.0	197.0	ND	567.0	ND	ND
616.0	ND	ND	ND	ND	ND	1.9	ND	ND	ND	ND	ND	96.0	354.0	ND	450.0	ND	ND
617.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	46.0	ND	46.0	ND	ND
618.0	ND	ND	ND	ND	ND	1.0	ND	ND	ND	ND	ND	101.0	335.0	ND	436.0	ND	ND
648.0	ND	ND	ND	0.9	ND	1.1	ND	ND	ND	ND	2.1	ND	54.0	ND	54.0	ND	ND
650.0	1.2	ND	ND	ND	ND	2.3	ND	ND	ND	ND	4.4	ND	76.0	ND	76.0	ND	ND
662.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	76.0	ND	76.0	ND	ND
713.0	ND	ND	ND	ND	ND	1.9	ND	17.7	ND	ND	ND	70.0	133.0	ND	203.0	ND	ND
715.0	ND	ND	ND	ND	ND	1.9	ND	ND	ND	ND	2.9	ND	160.0	ND	160.0	ND	ND
723.4	ND	ND	ND	ND	ND	1.2	ND	ND	ND	ND	3.1	ND	131.0	ND	131.0	ND	ND

\* RCM = Resident California Mussel  
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TFC = Transplanted Freshwater Clam

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TABLE 4

## State Mussel Watch Program

Preliminary Summary of 1999-00 Data: Organic Chemicals in Mussels and Clams (ppb, dry weight)

Station Number	Station Name	Sample Type*	Sample Date	Aldrin	alpha-Chlor-dene	cis-Chlor-dane	gamma-Chlor-dene	trans-Chlor-dane	cis-Nona-chlor	trans-Nona-chlor	Oxy-chlor-dane	Total Chlor-dane	Chlor-pyrifos	Dacthal
724.0	Newport Bay/Highway 1 Bridge	TCM	02/02/00	ND	ND	17.0	ND	14.2	6.4	16.7	1.6	56.0	7.3	ND
725.0	Newport Bay/Crows Nest	TCM	02/02/00	ND	ND	12.8	ND	6.3	6.4	12.7	2.6	40.9	ND	ND
726.0	Newport Bay/Rhine Channel/Upper	TCM	02/02/00	ND	ND	7.4	ND	5.2	5.0	8.4	1.6	27.7	ND	ND
726.4	Newport Bay/Rhine Channel/End	TCM	02/02/00	ND	ND	9.8	ND	5.5	5.8	11.6	2.5	35.3	5.9	ND
726.6	Newport Bay/Mariners Drive	TCM	02/02/00	ND	1.1	16.3	ND	10.4	6.2	15.8	1.6	51.5	11.5	ND
750.0	Oceanside	RCM	02/01/00	ND	ND	2.3	ND	1.3	ND	1.3	ND	4.8	ND	ND
883.1	San Diego Bay/Chollas Creek	TCM	02/01/00	ND	ND	7.8	ND	6.3	4.2	7.2	ND	25.6	ND	ND
883.8	San Diego Bay/Switzer Creek	TCM	02/01/00	ND	ND	8.1	ND	7.3	3.6	4.6	ND	23.6	ND	ND
887.0	San Diego Bay/Evans Street	TCM	02/01/00	ND	ND	6.5	ND	5.7	4.2	4.4	ND	20.8	ND	ND
894.1	SD Bay/Harbor Is/E Basin/Storm Dr2	TCM	02/01/00	ND	ND	7.4	ND	7.1	4.5	6.1	ND	25.1	ND	ND

  

Station Number	Diaz-inon	o,p' DDD	p,p' DDD	o,p' DDE	p,p' DDE	o,p' DDT	p,p' DDT	p,p' DDMU	Total DDT	Di-Chloro-Benzophenone	Dieldrin	Endo-sulfan I	Endo-sulfan II	Endo-sulfan sulfate	Total Endo-sulfan	Endrin	Ethion
724.0	ND	10.5	49.5	7.7	382.0	ND	ND	21.3	471.0	NA	8.9	ND	NA	NA	ND	ND	ND
725.0	ND	8.5	31.2	4.7	296.0	ND	ND	11.4	351.8	NA	17.4	ND	NA	NA	ND	ND	ND
726.0	ND	ND	14.5	3.1	170.0	ND	ND	6.6	194.3	NA	8.6	ND	NA	NA	ND	ND	ND
726.4	ND	7.0	25.1	3.8	252.0	ND	ND	9.8	297.7	NA	16.3	ND	NA	NA	ND	ND	ND
726.6	ND	12.5	62.7	8.2	359.0	ND	ND	25.3	467.7	NA	14.5	ND	NA	NA	ND	ND	ND
750.0	ND	ND	3.9	ND	40.7	ND	ND	ND	44.6	NA	2.3	ND	NA	NA	ND	ND	ND
883.1	ND	ND	4.8	ND	22.7	ND	ND	ND	27.5	NA	5.4	ND	NA	NA	ND	ND	ND
883.8	ND	ND	8.9	ND	19.3	ND	8.5	ND	36.7	NA	4.7	ND	NA	NA	ND	ND	ND
887.0	ND	ND	4.7	ND	24.4	ND	ND	ND	29.1	NA	5.5	ND	NA	NA	ND	ND	ND
894.1	ND	ND	7.0	ND	28.2	ND	ND	ND	35.2	NA	8.5	ND	NA	NA	ND	ND	ND

  

Station Number	alpha-HCH	beta-HCH	delta-HCH	gamma-HCH (Lindane)	Hepta-chlor	Hepta-chlor-epoxide	Hexa-chloro-benzene	Meth-oxy-chlor	Ethyl-para-thion	Methyl-para-thion	Oxa-diazon	PCB 1248	PCB 1254	PCB 1260	Total PCB	Tetra-difon	Toxa-phene
724.0	ND	ND	ND	ND	3.7	3.0	ND	ND	ND	ND	7.2	54.0	143.0	ND	197.0	ND	ND
725.0	ND	ND	ND	ND	ND	1.6	ND	ND	ND	ND	ND	191.0	652.0	ND	843.0	ND	ND
726.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.4	ND	628.0	ND	628.0	ND	ND
726.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.7	183.0	751.0	ND	934.0	ND	ND
726.6	ND	ND	ND	ND	ND	1.9	ND	ND	ND	ND	23.7	70.0	122.0	ND	192.0	ND	ND
750.0	1.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.9	ND	17.0	ND	17.0	ND	ND
883.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	847.0	ND	847.0	ND	ND
883.8	ND	ND	ND	ND	ND	1.0	ND	ND	ND	ND	4.3	ND	769.0	ND	769.0	ND	ND
887.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	871.0	ND	871.0	ND	ND
894.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.2	173.0	1250.0	ND	1423.0	ND	ND

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TABLE 4

## State Mussel Watch Program

Preliminary Summary of 1999-00 Data: Organic Chemicals in Mussels and Clams (ppb, dry weight)

Station Number	Station Name	Sample Type*	Sample Date	Aldrin	alpha-Chlor-dene	cis-Chlor-dane	gamma-Chlor-dene	trans-Chlor-dane	cis-Nona-chlor	trans-Nona-chlor	Oxy-chlor-dane	Total Chlor-dane	Chlor-pyrifos	Dacthal
895.6	San Diego Bay/Grape St Storm Drain	TCM	02/01/00	ND	ND	6.8	ND	7.6	4.9	7.5	ND	26.7	ND	ND
898.0	Commercial Basin/Carlton Street	TCM	02/01/00	ND	ND	7.3	ND	6.9	3.8	6.4	ND	24.5	ND	ND
899.2	San Diego Bay/Shelter Island	TCM	02/01/00	ND	ND	4.4	ND	3.9	2.0	2.5	ND	12.7	ND	ND
899.4	San Diego Bay/Shelter Is/Fuel Dock	TCM	02/01/00	ND	ND	7.8	ND	6.3	4.7	5.7	1.0	25.5	ND	ND
901.0	San Diego Bay/Degausing Station	TCM	02/01/00	ND	ND	2.0	ND	1.3	ND	ND	ND	3.3	ND	ND

  

Station Number	Diaz-inon	o,p' DDD	p,p' DDD	o,p' DDE	p,p' DDE	o,p' DDT	p,p' DDT	p,p' DDMU	Total DDT	Di-Chloro-Benzophenone	Dieldrin	Endo-sulfan I	Endo-sulfan II	Endo-sulfan sulfate	Total Endo-sulfan	Endrin	Ethion
895.6	ND	ND	5.3	ND	23.6	ND	ND	ND	28.9	NA	6.5	ND	NA	NA	ND	ND	ND
898.0	ND	9.2	22.8	ND	54.0	ND	4.0	8.6	98.6	NA	5.0	ND	NA	NA	ND	ND	ND
899.2	ND	ND	5.1	ND	29.4	ND	ND	ND	34.5	NA	8.8	ND	NA	NA	ND	ND	ND
899.4	ND	ND	3.7	ND	25.9	ND	ND	ND	29.6	NA	8.8	ND	NA	NA	ND	ND	ND
901.0	ND	ND	ND	ND	25.1	ND	ND	ND	25.1	NA	4.6	ND	NA	NA	ND	ND	ND

  

Station Number	alpha-HCH	beta-HCH	delta-HCH	gamma-HCH (Lindane)	Hepta-chlor	Hepta-chlor-epoxide	Hexa-chloro-benzene	Meth-oxy-chlor	Ethyl-para-thion	Methyl-para-thion	Oxa-diazon	PCB 1248	PCB 1254	PCB 1260	Total PCB	Tetra-difon	Toxa-phene
895.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.9	107.0	848.0	ND	955.0	ND	ND
898.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1770.0	ND	1770.0	ND	ND
899.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.1	ND	429.0	ND	429.0	ND	ND
899.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	729.0	ND	729.0	ND	ND
901.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	170.0	ND	170.0	ND	ND

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**TABLE 5**

State Mussel Watch Program

Preliminary Summary of 1999-00 Data: Organic Chemicals in Mussels and Clams (ppb, lipid weight)

Station Number	Station Name	Sample Type*	Sample Date	Aldrin	alpha-Chlor-dene	cis-Chlor-dane	gamma-Chlor-dene	trans-Chlor-dane	cis-Nona-chlor	trans-Nona-chlor	Oxy-chlor-dane	Total Chlor-dane	Chlor-pyrifos	Dacthal
2.1	Crescent City Harbor Jetty	RCM	03/15/00	ND	ND	17.1	ND	ND	ND	ND	ND	17.1	ND	47.3
3.0	Crescent City/Control	RCM	03/15/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10.0	Trinidad Head	RCM	11/08/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
100.0	Mad River Slough	TCM	03/15/00	ND	ND	20.3	ND	14.0	ND	ND	ND	34.4	ND	ND
102.6	Humboldt Bay/J Street	TCM	03/15/00	ND	ND	27.5	ND	17.8	ND	14.3	ND	59.6	ND	ND
102.8	Humboldt Bay/C Street	TCM	03/15/00	ND	ND	24.6	ND	17.2	ND	15.5	ND	57.3	ND	ND
103.4	Humboldt Del Norte Pier	TCM	03/15/00	ND	ND	21.0	ND	14.6	ND	ND	ND	35.6	ND	ND
202.0	Bodega Head	RCM	09/10/99	ND	ND	24.2	ND	ND	ND	ND	ND	24.2	ND	ND
203.0	Tomaes Bay	RCM	03/16/00	ND	ND	11.8	ND	ND	ND	ND	ND	11.8	ND	ND
205.0	Bodega Harbor/Spud Point Marina	TCM	03/16/00	ND	ND	11.5	ND	ND	ND	ND	ND	11.5	ND	ND

  

Station Number	Diaz-inon	o,p' DDD	p,p' DDD	o,p' DDE	p,p' DDE	o,p' DDT	p,p' DDT	p,p' DDMS	p,p' DDMU	Total DDT	Di-Chloro-Benzophenone	Diel-drin	Endo-sulfan I	Endo-sulfan II	Endo-sulfan sulfate	Total Endo-sulfan	Endrin	Ethion
2.1	ND	ND	ND	ND	55.0	ND	ND	NA	ND	55.0	NA	148.6	ND	NA	NA	ND	ND	ND
3.0	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	ND	ND	ND
10.0	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	NA	21.9	ND	NA	NA	ND	ND	ND
100.0	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	NA	52.6	ND	NA	NA	ND	ND	ND
102.6	ND	ND	ND	ND	58.3	ND	ND	NA	ND	58.3	NA	73.6	ND	NA	NA	ND	ND	ND
102.8	ND	ND	ND	ND	64.9	ND	ND	NA	ND	64.9	NA	46.7	ND	NA	NA	ND	ND	ND
103.4	ND	ND	ND	ND	56.0	ND	ND	NA	ND	56.0	NA	54.8	ND	NA	NA	ND	ND	ND
202.0	ND	ND	ND	ND	91.5	ND	ND	NA	ND	91.5	NA	108.0	78.0	ND	ND	78.0	ND	ND
203.0	ND	ND	ND	ND	72.9	ND	ND	NA	ND	72.9	NA	28.4	ND	NA	NA	ND	ND	ND
205.0	ND	ND	ND	ND	84.9	ND	ND	NA	ND	84.9	NA	52.2	ND	NA	NA	ND	ND	ND

  

Station Number	alpha-HCH	beta-HCH	delta-HCH	gamma-HCH (Lindane)	Hepta-chlor	Hepta-chlor-epoxide	Hexa-chloro-benzene	Meth-oxy-chlor	Ethyl-para-thion	Methyl-para-thion	Oxa-diazon	PCB 1248	PCB 1254	PCB 1260	Total PCB	Tetra-difon	Toxa-phene
2.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	411.0	ND	411.0	ND	ND
3.0	30.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	154.1	ND	154.1	ND	ND
10.0	71.0	45.7	ND	ND	ND	ND	ND	ND	ND	ND	69.2	ND	135.1	ND	135.1	ND	ND
100.0	14.3	ND	ND	95.5	ND	17.4	ND	ND	ND	ND	ND	628.5	690.1	ND	1318.6	ND	ND
102.6	16.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1210.5	ND	1210.5	ND	ND
102.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4064.0	ND	4064.0	ND	ND
103.4	20.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	509.0	ND	509.0	ND	ND
202.0	46.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	697.0	ND	697.0	ND	ND
203.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	273.9	ND	273.9	ND	ND
205.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	678.2	ND	678.2	ND	ND

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 TCM = Transplanted California Mussel      ND = Not Detected

**TABLE 5**  
**State Mussel Watch Program**  
**Preliminary Summary of 1999-00 Data: Organic Chemicals in Mussels and Clams (ppb, lipid weight)**

Station Number	Station Name	Sample Type*	Sample Date	Aldrin	alpha-Chlor-dene	cis-Chlor-dane	gamma-Chlor-dene	trans-Chlor-dane	cis-Nona-chlor	trans-Nona-chlor	Oxy-chlor-dane	Total Chlor-dane	Chlor-pyrifos	Dacthal
306.0	San Francisco Bay/Fort Baker	TCM	03/16/00	ND	ND	106.8	ND	64.6	19.1	66.2	ND	256.9	ND	ND
336.0	J. Fitzgerald	RCM	12/07/99	ND	ND	20.6	ND	ND	ND	ND	ND	20.4	ND	ND
404.0	Sandholdt Bridge	RCM	04/10/00	ND	66.4	1109.0	47.2	1159.9	359.2	1516.0	34.2	4293.6	ND	46.3
414.0	Pacific Grove	RCM	04/10/00	ND	ND	37.4	ND	23.3	ND	ND	ND	60.2	ND	ND
447.0	Santa Maria River Lagoon	TFC	02/03/00	ND	ND	89.8	ND	18.3	14.6	221.7	ND	344.5	4075.9	ND
448.0	Sisquoc River/Santa Maria River Mo	TFC	03/22/00	ND	ND	33.9	ND	18.9	13.2	57.2	ND	123.1	146.3	60.3
448.2	Orcutt Creek/Main Street	TFC	02/03/00	ND	ND	73.8	ND	28.3	45.5	111.0	ND	258.6	4338.0	810.0
449.5	Jalama	RCM	02/15/00	ND	ND	14.6	ND	ND	ND	ND	ND	14.8	ND	ND
601.0	LA Harbor/National Steel	TCM	02/02/00	ND	26.7	295.3	ND	225.5	88.0	243.5	22.5	902.0	ND	ND
603.3	LA Harbor/Berth 206	TCM	02/02/00	ND	24.2	291.1	ND	201.2	87.5	226.6	22.1	853.8	ND	ND

  

Station Number	Diaz-inon	o,p' DDD	p,p' DDD	o,p' DDE	p,p' DDE	o,p' DDT	p,p' DDT	p,p' DDMS	p,p' DDMU	Total DDT	Di-Chloro-Benzophenone	Diel-drin	Endo-sulfan I	Endo-sulfan II	Endo-sulfan sulfate	Total Endo-sulfan	Endrin	Ethion
306.0	ND	ND	132.2	ND	328.6	ND	50.1	NA	ND	510.9	NA	138.3	ND	NA	NA	ND	ND	ND
336.0	ND	ND	ND	ND	112.9	ND	ND	NA	ND	112.9	NA	84.6	ND	NA	NA	ND	ND	ND
404.0	ND	627.8	1770.3	218.8	19229.7	157.7	1373.5	NA	320.5	23698.3	NA	398.8	ND	NA	NA	ND	ND	ND
414.0	ND	ND	49.7	ND	348.9	ND	77.3	NA	ND	476.0	NA	121.3	ND	NA	NA	ND	ND	ND
447.0	ND	1234.7	3528.7	270.1	12276.8	1325.9	4805.5	NA	248.3	23690.0	NA	1431.1	24.8	ND	ND	24.8	ND	ND
448.0	ND	111.5	267.1	54.1	2253.2	52.3	242.4	NA	77.2	3057.8	NA	96.8	16.1	ND	ND	16.1	ND	ND
448.2	ND	738.0	1896.0	292.8	13080.0	1602.0	5058.0	NA	169.8	22836.6	NA	1974.0	31.3	ND	67.2	98.5	ND	ND
449.5	ND	ND	ND	ND	434.5	ND	ND	NA	ND	434.5	NA	36.0	16.3	ND	ND	16.3	ND	ND
601.0	ND	261.4	766.3	608.6	5926.7	ND	85.8	NA	624.6	8273.5	NA	231.5	ND	NA	NA	ND	ND	ND
603.3	ND	191.5	636.9	537.3	5138.5	ND	80.3	NA	549.0	7133.5	NA	285.3	ND	NA	NA	ND	ND	ND

  

Station Number	alpha-HCH	beta-HCH	delta-HCH	gamma-HCH (Lindane)	Hepta-chlor	Hepta-chlor-epoxide	Hexa-chloro-benzene	Meth-oxy-chlor	Ethyl-para-thion	Methyl-para-thion	Oxa-diazon	PCB 1248	PCB 1254	PCB 1260	Total PCB	Tetra-difon	Toxa-phene
306.0	ND	ND	ND	ND	ND	32.2	ND	ND	ND	ND	62.5	ND	1593.4	ND	1593.4	ND	ND
336.0	36.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	371.2	ND	371.2	ND	ND
404.0	ND	ND	ND	ND	ND	10.3	ND	ND	ND	ND	ND	ND	3093.0	ND	3093.0	ND	4425.9
414.0	20.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	216.1	ND	216.1	ND	ND
447.0	ND	ND	ND	14.0	ND	22.5	16.3	ND	ND	ND	15.1	ND	2799.1	140.3	2939.4	ND	47914.5
448.0	ND	ND	ND	ND	ND	ND	8.4	ND	ND	ND	130.1	983.4	890.4	178.1	2051.9	ND	ND
448.2	ND	ND	ND	20.9	ND	63.6	20.5	ND	ND	ND	43.0	ND	2286.0	126.0	2412.0	ND	39240.0
449.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	283.4	ND	283.4	ND	ND
601.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2454.5	12731.5	ND	15186.0	ND	ND
603.3	ND	ND	ND	ND	ND	31.3	ND	ND	ND	ND	ND	2188.2	11136.6	ND	13324.9	ND	ND

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ND = Not Detected



TABLE 5

## State Mussel Watch Program

Preliminary Summary of 1999-00 Data: Organic Chemicals in Mussels and Clams (ppb, lipid weight)

Station Number	Station Name	Sample Type*	Sample Date	Aldrin	alpha-Chlor-dene	cis-Chlor-dane	gamma-Chlor-dene	trans-Chlor-dane	cis-Nona-chlor	trans-Nona-chlor	Oxy-chlor-dane	Total Chlor-dane	Chlor-pyrifos	Dacthal				
609.4	Long Beach/Queensway Bay	RCM	02/02/00	ND	26.2	372.0	8.7	316.0	101.9	339.6	22.1	1184.8	ND	1879.9				
616.0	LA Harbor/Consolidated Slip	TCM	02/02/00	ND	33.4	342.1	ND	237.1	116.4	326.2	ND	1055.5	ND	ND				
617.9	Cabrillo Beach/Ocean Side	RCM	02/02/00	ND	ND	57.5	ND	23.5	ND	ND	ND	80.9	ND	ND				
618.0	LA Harbor/Angels Gate	RCM	02/02/00	ND	ND	41.0	ND	25.1	14.2	43.5	ND	123.9	ND	ND				
648.0	Malibu	RCM	03/22/00	ND	ND	65.4	ND	46.1	14.6	55.0	ND	181.4	ND	ND				
650.0	Santa Monica	RCM	02/02/00	ND	ND	160.2	ND	174.4	43.8	151.2	ND	529.7	ND	ND				
662.0	Royal Palms	RCM	02/02/00	ND	ND	62.1	ND	35.7	ND	33.5	ND	131.9	ND	ND				
713.0	Huntington Harbour/Edinger Street	TCM	02/02/00	ND	13.8	248.7	ND	173.1	91.2	216.7	20.4	764.1	ND	ND				
715.0	Huntington Harbour/Warner Ave Brdg	TCM	02/02/00	ND	ND	316.5	ND	245.7	146.7	296.0	24.2	1029.4	ND	ND				
723.4	Newport Bay/Turning Basin	TCM	02/02/00	ND	ND	345.2	ND	190.3	114.9	284.6	40.6	975.1	ND	ND				
Station Number	Diaz-inon	o,p' DDD	p,p' DDD	o,p' DDE	p,p' DDE	o,p' DDT	p,p' DDT	p,p' DDMS	p,p' DDMU	Total DDT	Di-Chloro-Benzophenone	Diel-drin	Endo-sulfan I	Endo-sulfan II	Endo-sulfan sulfate	Total Endo-sulfan	Endrin	Ethion
609.4	ND	87.7	289.9	89.3	932.1	ND	36.1	NA	156.4	1591.4	NA	146.9	ND	NA	NA	ND	ND	ND
616.0	ND	286.4	970.6	424.3	4508.4	ND	ND	NA	480.0	6669.8	NA	248.5	ND	NA	NA	ND	ND	ND
617.9	ND	ND	212.1	398.9	4474.7	ND	ND	NA	537.3	5623.0	NA	58.6	ND	NA	NA	ND	ND	ND
618.0	ND	81.3	217.6	595.6	4764.9	ND	ND	NA	468.2	6127.5	NA	81.3	37.0	ND	ND	37.0	ND	ND
648.0	ND	ND	64.4	88.5	874.8	ND	ND	NA	162.7	1190.5	NA	50.2	ND	NA	NA	ND	ND	ND
650.0	ND	ND	121.6	152.5	1498.7	ND	ND	NA	276.5	2049.2	NA	66.4	ND	NA	NA	ND	ND	ND
662.0	ND	104.9	340.9	602.6	6655.3	ND	ND	NA	870.5	8574.2	NA	76.9	ND	NA	NA	ND	ND	ND
713.0	ND	203.8	470.5	116.9	2653.8	ND	66.3	NA	288.5	3799.9	NA	159.0	ND	NA	NA	ND	ND	ND
715.0	ND	154.9	389.1	106.8	3536.8	ND	ND	NA	323.9	4511.5	NA	193.6	ND	NA	NA	ND	ND	ND
723.4	ND	ND	477.0	83.8	3900.5	ND	ND	NA	236.7	4698.0	NA	350.5	ND	NA	NA	ND	ND	ND
Station Number	alpha-HCH	beta-HCH	delta-HCH	gamma-HCH (Lindane)	Hepta-chlor	Hepta-chlor-epoxide	Hexa-chloro-benzene	Meth-oxy-chlor	Ethyl-para-thion	Methyl-para-thion	Oxa-diazon	PCB 1248	PCB 1254	PCB 1260	Total PCB	Tetra-difon	Toxa-phene	
609.4	ND	ND	ND	12.4	ND	9.6	8.1	ND	ND	ND	149.3	2922.6	1556.1	ND	4478.6	ND	ND	
616.0	ND	ND	ND	ND	ND	49.1	ND	ND	ND	ND	ND	2545.9	9388.2	ND	11934.1	ND	ND	
617.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	826.6	ND	826.6	ND	ND	
618.0	ND	ND	ND	ND	ND	7.0	ND	ND	ND	ND	ND	695.4	2306.7	ND	3002.1	ND	ND	
648.0	ND	ND	ND	9.5	ND	11.5	ND	ND	ND	ND	21.9	ND	559.7	ND	559.7	ND	ND	
650.0	15.4	ND	ND	ND	ND	29.7	ND	ND	ND	ND	56.7	ND	981.9	ND	981.9	ND	ND	
662.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1542.1	ND	1542.1	ND	ND	
713.0	ND	ND	ND	ND	ND	24.7	ND	226.9	ND	ND	ND	897.4	1705.1	ND	2602.6	ND	ND	
715.0	ND	ND	ND	ND	ND	35.6	ND	ND	ND	ND	54.0	ND	2978.4	ND	2978.4	ND	ND	
723.4	ND	ND	ND	ND	ND	30.8	ND	ND	ND	ND	82.2	ND	3452.5	ND	3452.5	ND	ND	

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NA = Not Analyzed  
ND = Not Detected

TABLE 5

## State Mussel Watch Program

Preliminary Summary of 1999-00 Data: Organic Chemicals in Mussels and Clams (ppb, lipid weight)

Station Number	Station Name	Sample Type*	Sample Date	Aldrin	alpha-Chlor-dene	cis-Chlor-dane	gamma-Chlor-dene	trans-Chlor-dane	cis-Nona-chlor	trans-Nona-chlor	Oxy-chlor-dane	Total Chlor-dane	Chlor-pyrifos	Dacthal				
724.0	Newport Bay/Highway 1 Bridge	TCM	02/02/00	ND	ND	299.0	ND	249.8	113.3	293.8	28.8	985.0	127.9	ND				
725.0	Newport Bay/Crows Nest	TCM	02/02/00	ND	ND	236.4	ND	117.3	118.0	234.5	48.8	755.4	ND	ND				
726.0	Newport Bay/Rhine Channel/Upper	TCM	02/02/00	ND	ND	198.8	ND	140.4	134.5	225.3	44.2	742.0	ND	ND				
726.4	Newport Bay/Rhine Channel/End	TCM	02/02/00	ND	ND	233.2	ND	132.0	139.3	276.3	60.5	840.8	139.6	ND				
726.6	Newport Bay/Mariners Drive	TCM	02/02/00	ND	18.7	265.5	ND	169.4	101.0	257.3	26.7	838.7	187.3	ND				
750.0	Oceanside	RCM	02/01/00	ND	ND	31.1	ND	17.3	ND	18.5	ND	66.3	ND	ND				
883.1	San Diego Bay/Chollas Creek	TCM	02/01/00	ND	ND	123.9	ND	101.0	67.0	114.5	ND	407.1	ND	ND				
883.8	San Diego Bay/Switzler Creek	TCM	02/01/00	ND	ND	149.5	ND	135.7	66.7	84.3	ND	436.2	ND	ND				
887.0	San Diego Bay/Evans Street	TCM	02/01/00	ND	ND	98.5	ND	85.8	63.6	67.1	ND	315.8	ND	ND				
894.1	SD Bay/Harbor Is/E Basin/Storm Dr2	TCM	02/01/00	ND	ND	82.7	ND	80.2	50.2	68.6	ND	282.0	ND	ND				
Station Number	Diaz-inon	o,p' DDD	p,p' DDD	o,p' DDE	p,p' DDE	o,p' DDT	p,p' DDT	p,p' DDMS	p,p' DDMU	Total DDT	Di-Chloro-Benzophenone	Diel-drin	Endo-sulfan I	Endo-sulfan II	Endo-sulfan sulfate	Total Endo-sulfan	Endrin	Ethion
724.0	ND	184.7	870.7	134.6	6719.4	ND	ND	NA	374.7	8284.0	NA	156.4	ND	NA	NA	ND	ND	ND
725.0	ND	156.6	576.2	86.2	5466.7	ND	ND	NA	210.5	6496.3	NA	321.4	ND	NA	NA	ND	ND	ND
726.0	ND	ND	388.4	83.8	4553.6	ND	ND	NA	177.3	5203.1	NA	231.2	ND	NA	NA	ND	ND	ND
726.4	ND	166.5	597.9	90.8	6002.6	ND	ND	NA	234.4	7092.1	NA	388.3	ND	NA	NA	ND	ND	ND
726.6	ND	203.6	1021.1	133.2	5846.6	ND	ND	NA	412.0	7616.5	NA	236.1	ND	NA	NA	ND	ND	ND
750.0	ND	ND	53.5	ND	562.5	ND	ND	NA	ND	616.0	NA	31.9	ND	NA	NA	ND	ND	ND
883.1	ND	ND	75.7	ND	361.0	ND	ND	NA	ND	436.7	NA	86.4	ND	NA	NA	ND	ND	ND
883.8	ND	ND	164.9	ND	356.7	ND	157.1	NA	ND	678.7	NA	87.4	ND	NA	NA	ND	ND	ND
887.0	ND	ND	71.7	ND	370.4	ND	ND	NA	ND	442.1	NA	83.8	ND	NA	NA	ND	ND	ND
894.1	ND	ND	78.8	ND	316.8	ND	ND	NA	ND	395.6	NA	95.5	ND	NA	NA	ND	ND	ND
Station Number	alpha-HCH	beta-HCH	delta-HCH	gamma-HCH (Lindane)	Hepta-chlor	Hepta-chlor-epoxide	Hexa-chloro-benzene	Meth-oxy-chlor	Ethyl-para-thion	Methyl-para-thion	Oxa-diazon	PCB 1248	PCB 1254	PCB 1260	Total PCB	Tetra-difon	Toxa-phene	
724.0	ND	ND	ND	ND	64.2	52.6	ND	ND	ND	ND	127.2	949.9	2515.4	ND	3465.2	ND	ND	
725.0	ND	ND	ND	ND	ND	30.5	ND	ND	ND	ND	ND	3527.5	12041.4	ND	15568.9	ND	ND	
726.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	64.3	ND	16821.4	ND	16821.4	ND	ND	
726.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	112.7	4359.0	17888.6	ND	22247.6	ND	ND	
726.6	ND	ND	ND	ND	ND	30.1	ND	ND	ND	ND	386.0	1140.0	1986.9	ND	3126.9	ND	ND	
750.0	22.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	39.7	ND	235.0	ND	235.0	ND	ND	
883.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13470.1	ND	13470.1	ND	ND	
883.8	ND	ND	ND	ND	ND	19.2	ND	ND	ND	ND	79.5	ND	14212.5	ND	14212.5	ND	ND	
887.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13222.7	ND	13222.7	ND	ND	
894.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	47.2	1943.7	14044.0	ND	15987.6	ND	ND	

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TABLE 5

## State Mussel Watch Program

Preliminary Summary of 1999-00 Data: Organic Chemicals in Mussels and Clams (ppb, lipid weight)

Station Number	Station Name	Sample Type*	Sample Date	Aldrin	alpha-Chlor-dene	cis-Chlor-dane	gamma-Chlor-dene	trans-Chlor-dane	cis-Nona-chlor	trans-Nona-chlor	Oxy-chlor-dane	Total Chlor-dane	Chlor-pyrifos	Dacthal
895.6	San Diego Bay/Grape St Storm Drain	TCM	02/01/00	ND	ND	104.2	ND	114.9	74.2	113.5	ND	406.2	ND	ND
898.0	Commercial Basin/Carlton Street	TCM	02/01/00	ND	ND	167.1	ND	158.8	87.7	148.0	ND	562.4	ND	ND
899.2	San Diego Bay/Shelter Island	TCM	02/01/00	ND	ND	46.2	ND	41.3	21.0	26.1	ND	134.7	ND	ND
899.4	San Diego Bay/Shelter Is/Fuel Dock	TCM	02/01/00	ND	ND	105.9	ND	85.5	63.5	76.6	13.7	345.2	ND	ND
901.0	San Diego Bay/Degausing Station	TCM	02/01/00	ND	ND	20.7	ND	14.1	ND	ND	ND	34.9	ND	ND

  

Station Number	Diaz-inon	o,p' DDD	p,p' DDD	o,p' DDE	p,p' DDE	o,p' DDT	p,p' DDT	p,p' DDMS	p,p' DDMU	Total DDT	Di-Chloro-Benzophenone	Diel-drin	Endo-sulfan I	Endo-sulfan II	Endo-sulfan sulfate	Total Endo-sulfan	Endrin	Ethion
895.6	ND	ND	81.1	ND	359.1	ND	ND	NA	ND	440.2	NA	99.5	ND	NA	NA	ND	ND	ND
898.0	ND	211.4	523.3	ND	1239.5	ND	92.3	NA	197.2	2263.6	NA	115.2	ND	NA	NA	ND	ND	ND
899.2	ND	ND	53.9	ND	311.8	ND	ND	NA	ND	365.7	NA	93.0	ND	NA	NA	ND	ND	ND
899.4	ND	ND	49.5	ND	350.6	ND	ND	NA	ND	400.1	NA	119.3	ND	NA	NA	ND	ND	ND
901.0	ND	ND	ND	ND	265.4	ND	ND	NA	ND	265.4	NA	48.2	ND	NA	NA	ND	ND	ND

  

Station Number	alpha-HCH	beta-HCH	delta-HCH	gamma-HCH (Lindane)	Hepta-chlor	Hepta-chlor-epoxide	Hexa-chloro-benzene	Meth-oxy-chlor	Ethyl-para-thion	Methyl-para-thion	Oxa-diazon	PCB 1248	PCB 1254	PCB 1260	Total PCB	Tetra-difon	Toxa-phene
895.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	44.6	1627.9	12901.8	ND	14529.7	ND	ND
898.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40627.2	ND	40627.2	ND	ND
899.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	53.6	ND	4549.6	ND	4549.6	ND	ND
899.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9868.0	ND	9868.0	ND	ND
901.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1797.8	ND	1797.8	ND	ND

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**TABLE 6**  
 State Mussel Watch Program  
 1999-2000 Species List

Sample Type	Common Name	Species Name
BNC	Bentnose Clam	<i>Macoma nasuta</i>
CER	Hornmouth Snail	<i>Ceratostoma sp.</i>
GSH	Grass Shrimp	<i>Cragon sp.</i>
HAM	Bubble Snail	<i>Haminoea sp.</i>
HEM	Purple Shore Crab	<i>Hemigrapsus sp.</i>
HME	Snail Eggs	<i>Haminoea sp.</i>
HNC	Horseneck Clam	<i>Tresus sp.</i>
NAS	Nassa Snail	<i>Nassarius sp.</i>
OPI	Opisthobranch Snail	(not available)
PAC	Lined Shore Crab	<i>Pachygrapsus crassipes</i>
RBM	Resident Bay Mussel	<i>Mytilus edulis</i>
RCM	Resident California Mussel	<i>Mytilus californianus</i>
SCP	Sculpin	<i>Cottus sp.</i>
TCM	Transplanted California Mussel	<i>Mytilus californianus</i>
TFC	Transplanted Freshwater Clam	<i>Corbicula fluminea</i>
ULV	Sea Lettuce	<i>Ulva sp.</i>