SEDIMENT CHEMISTRY, TOXICITY, AND BENTHIC COMMUNITY CONDITIONS IN SELECTED WATER BODIES OF THE LOS ANGELES REGION

APPENDIX E

California State Water Resources Control Board
Division of Water Quality
Bay Protection and Toxic Cleanup Program

California Regional Water Quality Control Board
Los Angeles Region

California Department of Fish and Game
Marine Pollution Studies Laboratory

University of California, Santa Cruz
Institute of Marine Sciences

San Jose State University
Moss Landing Marine Laboratories

August 1998

Appendix E

Toxicity Test Data

Section 1

Rhepoxynius abronius Survival in Sediment

Rhepoxynius abronius Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	TYPE	METADATA	CTRL	RA_MN	RA_SD	RA_SG	RA_TOX	RA_OTNH3	RA_OUNH3
40001.1	SOUTHWEST SLIP	1	7/29/92	1.0	-9	-9	-9	65.00	28.90	*	NT	-9.000	0.002
40001.2	SOUTHWEST SLIP	2	7/29/92	1.0	-9	-9	-9	51.00	17.80	*	T	-9.000	0.002
40001.3	SOUTHWEST SLIP	3	7/29/92	1.0	-9	-9	-9	71.00	13.40	*	NT	-9.000	0.002
40002.1	WEST BASIN- PIER 143	4	7/30/92	1.0	-9	-9	-9	75.00	13.90	*	NT	-9.000	0.002
40002.2	WEST BASIN- PIER 143	5	7/30/92	1.0	-9	-9	-9	78.00	13.00	*	NT	-9.000	0.002
40002.3	WEST BASIN- PIER 143	6	7/30/92	1.0	-9	-9	-9	74.00	10.80	*	NT	-9.000	0.002
40003.1	TURNING BASIN- PIER 151	7	7/31/92	1.0	-9	-9	-9	64.00	16.40	*	NT	-9.000	0.026
40003.2	TURNING BASIN- PIER 151	8	7/31/92	1.0	-9	-9	-9	63.00	29.90	*	NT	-9.000	0.006
40003.3	TURNING BASIN- PIER 151	9	7/31/92	1.0	-9	-9	-9	81.00	9.60	*	NT	-9.000	0.005
40004.1	LOWER MAIN CHANNEL	10	7/29/92	1.0	-9	-9	-9	78.00	6.70	*	NT	-9.000	0.010
40004.2	LOWER MAIN CHANNEL	11	7/29/92	1.0	-9	-9	-9	80.00	7.90	*	NT	-9.000	0.009
40004.3	LOWER MAIN CHANNEL	12	7/29/92	1.0	-9	-9	-9	81.00	9.60	*	NT	-9.000	0.006
40005.1	EAST BASIN- TURNING BASIN	13	7/30/92	1.0	-9	-9	-9	74.00	11.90	*	NT	-9.000	0.011
40005.2	EAST BASIN- TURNING BASIN	14	7/30/92	1.0	-9	-9	-9	73.00	7.60	*	NT	-9.000	0.032
40005.3	EAST BASIN- TURNING BASIN	15	7/30/92	1.0	-9	-9	-9	79.00	15.60	ns	NT	-9.000	0.007
40006.1	CONSOLIDATED SLIP	16	7/31/92	1.0	-9	-9	-9	58.00	17.20	*	T	-9.000	0.059
40006.2	CONSOLIDATED SLIP	17	7/31/92	1.0	-9	-9	-9	59.00	16.40	*	T	-9.000	0.441
40006.3	CONSOLIDATED SLIP	18	7/31/92	1.0	-9	-9	-9	67.00	11.50	*	NT	-9.000	0.044
40032.1	SAN PEDRO BAY- POLA 19	79	7/30/92	1.0	-9	-9	-9	86.00	4.20	*	NT	-9.000	0.007
40032.2	SAN PEDRO BAY- POLA 19	80	7/30/92	1.0	-9	-9	-9	85.00	9.40	ns	NT	-9.000	0.013
40032.3	SAN PEDRO BAY- POLA 19	81	7/30/92	1.0	-9	-9	-9	93.00	2.70	ns	NT	-9.000	0.014
40033.1	OUTER HARBOR- POLA 10	82	7/30/92	1.0	-9	-9	-9	71.00	20.40	*	NT	-9.000	0.033
40033.2	OUTER HARBOR- POLA 10	83	7/30/92	1.0	-9	-9	-9	70.00	21.80	*	NT	-9.000	0.012
40033.3	OUTER HARBOR- POLA 10	84	7/30/92	1.0	-9	-9	-9	65.00	17.30	*	NT	-9.000	0.009
40008.1	EAST BASIN- PIER C	22	8/18/92	2.0	-9	-9	-9	80.00	16.20	ns	NT	-9.000	0.012
40008.2	EAST BASIN- PIER C	23	8/18/92	2.0	-9	-9	-9	78.00	11.50	*	NT	-9.000	0.004
40008.3	EAST BASIN- PIER C	24	8/18/92	2.0	-9	-9	-9	76.00	8.90	*	NT	-9.000	0.008
40009.1	WEST BASIN ENTRANCE	25	8/18/92	2.0	-9	-9	-9	88.00	5.70	ns	NT	-9.000	0.004
40009.2	WEST BASIN ENTRANCE	26	8/18/92	2.0	-9	-9	-9	81.00	2.20	*	NT	-9.000	0.004
40009.3	WEST BASIN ENTRANCE	27	8/18/92	2.0	-9	-9	-9	87.00	5.70	ns	NT	-9.000	0.005
40010.1	OFF CABRILLO BEACH	28	8/18/92	2.0	-9	-9	-9	92.00	7.60	ns	NT	-9.000	0.004
40010.2	OFF CABRILLO BEACH	29	8/18/92	2.0	-9	-9	-9	88.00	9.10	ns	NT	-9.000	0.006
40010.3	OFF CABRILLO BEACH	30	8/18/92	2.0	-9	-9	-9	91.00	9.60	ns	NT	-9.000	0.006
40012.1	SOUTHEAST BASIN	34	8/18/92	2.0	-9	-9	-9	77.00	14.00	*	NT	-9.000	0.018
40012.2	SOUTHEAST BASIN	35	8/18/92	2.0	-9	-9	-9	78.00	13.50	*	NT	-9.000	0.003
40012.3	SOUTHEAST BASIN	36	8/18/92	2.0	-9	-9	-9	69.00	16.40	*	NT	-9.000	0.006
40015.1	FISH HARBOR ENTRANCE	43	8/19/92	2.0	-9	-9	-9	83.00	5.00	*	NT	-9.000	0.009
40015.2	FISH HARBOR ENTRANCE	44	8/19/92	2.0	-9	-9	-9	83.00	7.60	*	NT	-9.000	0.004

Rhepoxynius abronius Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	TYPE	METADATA	CTRL	RA_MN	RA_SD	RA_SG	RA_TOX	RA_OTNH3	RA_OUNH3
40015.3	FISH HARBOR ENTRANCE	45	8/19/92	2.0	-9	-9	-9	92.00	7.60	ns	NT	-9.000	0.008
40016.1	TERMINAL ISLAND STP	46	8/18/92	2.0	-9	-9	-9	72.00	5.70	*	NT	-9.000	0.006
40016.2	TERMINAL ISLAND STP	47	8/18/92	2.0	-9	-9	-9	88.00	8.40	ns	NT	-9.000	0.007
40016.3	TERMINAL ISLAND STP	48	8/18/92	2.0	-9	-9	-9	80.00	12.70	*	NT	-9.000	0.003
40019.1	INNER FISH HARBOR	55	8/19/92	2.0	-9	-9	-9	83.00	18.90	ns	NT	-9.000	0.092
40019.2	INNER FISH HARBOR	56	8/19/92	2.0	-9	-9	-9	73.00	4.50	*	NT	-9.000	0.006
40019.3	INNER FISH HARBOR	57	8/19/92	2.0	-9	-9	-9	54.00	21.00	*	T	-9.000	0.010
40030.1	SAN PEDRO BREAKWATER	73	8/19/92	2.0	-9	-9	-9	90.00	3.50	ns	NT	-9.000	0.084
40030.2	SAN PEDRO BREAKWATER	74	8/19/92	2.0	-9	-9	-9	94.00	6.50	ns	NT	-9.000	0.050
40030.3	SAN PEDRO BREAKWATER	75	8/19/92	2.0	-9	-9	-9	95.00	6.10	ns	NT	-9.000	0.075
40032.1	SAN PEDRO BAY- POLA 19	103	8/19/92	2.0	-9	-9	-9	94.00	5.50	ns	NT	-9.000	0.005
40032.2	SAN PEDRO BAY- POLA 19	104	8/19/92	2.0	-9	-9	-9	94.00	5.50	ns	NT	-9.000	0.015
40032.3	SAN PEDRO BAY- POLA 19	105	8/19/92	2.0	-9	-9	-9	86.00	15.20	ns	NT	-9.000	0.031
40007.1	LONG BEACH HARBOR- CHANNEL 2	19	9/1/92	3.0	-9	-9	-9	82.00	10.40	*	NT	-9.000	0.016
40007.2	LONG BEACH HARBOR- CHANNEL 2	20	9/1/92	3.0	-9	-9	-9	88.00	11.50	ns	NT	-9.000	0.026
40007.3	LONG BEACH HARBOR- CHANNEL 2	21	9/1/92	3.0	-9	-9	-9	78.00	14.40	*	NT	-9.000	0.026
40011.1	INNER HARBOR- CHANNEL 3	31	9/1/92	3.0	-9	-9	-9	85.00	6.90	ns	NT	-9.000	0.015
40011.2	INNER HARBOR- CHANNEL 3	32	9/1/92	3.0	-9	-9	-9	84.00	5.30	ns	NT	-9.000	0.014
40011.3	INNER HARBOR- CHANNEL 3	33	9/1/92	3.0	-9	-9	-9	82.00	2.50	*	NT	-9.000	0.024
40013.1	INNER QUEENSWAY BAY	37	9/2/92	3.0	-9	-9	-9	83.00	13.00	ns	NT	-9.000	0.028
40013.2	INNER QUEENSWAY BAY	38	9/2/92	3.0	-9	-9	-9	84.00	6.50	*	NT	-9.000	0.026
40013.3	INNER QUEENSWAY BAY	39	9/2/92	3.0	-9	-9	-9	81.00	10.80	*	NT	-9.000	0.045
40014.1	OUTER QUEENSWAY BAY	40	9/2/92	3.0	-9	-9	-9	78.00	10.40	*	NT	-9.000	0.025
40014.2	OUTER QUEENSWAY BAY	41	9/2/92	3.0	-9	-9	-9	80.00	14.60	*	NT	-9.000	0.036
40014.3	OUTER QUEENSWAY BAY	42	9/2/92	3.0	-9	-9	-9	64.00	36.30	ns	NT	-9.000	0.138
40017.1	LONG BEACH CHANNEL	49	9/2/92	3.0	-9	-9	-9	76.00	11.40	*	NT	-9.000	0.017
40017.2	LONG BEACH CHANNEL	50	9/2/92	3.0	-9	-9	-9	82.00	9.70	*	NT	-9.000	0.012
40017.3	LONG BEACH CHANNEL	51	9/2/92	3.0	-9	-9	-9	88.00	8.40	ns	NT	-9.000	0.018
40018.1	LONG BEACH OUTER HARBOR- 18	52	9/2/92	3.0	-9	-9	-9	67.00	14.40	*	T	-9.000	0.002
40018.2	LONG BEACH OUTER HARBOR- 18	53	9/2/92	3.0	-9	-9	-9	79.00	11.40	*	NT	-9.000	0.024
40018.3	LONG BEACH OUTER HARBOR- 18	54	9/2/92	3.0	-9	-9	-9	93.00	4.50	ns	NT	-9.000	0.013
40020.1	LONG BEACH OUTER HARBOR- 20	58	9/2/92	3.0	-9	-9	-9	83.00	7.60	*	NT	-9.000	0.024
40020.2	LONG BEACH OUTER HARBOR- 20	59	9/2/92	3.0	-9	-9	-9	92.00	11.00	ns	NT	-9.000	0.015
40020.3	LONG BEACH OUTER HARBOR- 20	60	9/2/92	3.0	-9	-9	-9	84.00	9.60	*	NT	-9.000	0.005
40031.1	PALOS VERDES- SWARTZ 6	76	9/1/92	3.0	-9	-9	-9	86.00	7.40	ns	NT	-9.000	0.031
40031.2	PALOS VERDES- SWARTZ 6	77	9/1/92	3.0	-9	-9	-9	93.00	7.60	ns	NT	-9.000	0.017
40031.3	PALOS VERDES- SWARTZ 6	78	9/1/92	3.0	-9	-9	-9	96.00	2.20	ns	NT	-9.000	0.025

Rhepoxynius abronius Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	TYPE	METADATA	CTRL	RA_MN	RA_SD	RA_SG	RA_TOX	RA_OTNH3	RA_OUNH3
40021.1	ALAMITOS BAY- MARINE STADIUM	61	9/16/92	4.0	-9	-9	-9	75.00	11.70	*	NT	-9.000	0.019
40021.2	ALAMITOS BAY- MARINE STADIUM	62	9/16/92	4.0	-9	-9	-9	77.00	16.00	*	NT	-9.000	0.028
40021.3	ALAMITOS BAY- MARINE STADIUM	63	9/16/92	4.0	-9	-9	-9	71.00	12.90	*	NT	-9.000	0.017
40022.1	ALAMITOS BAY- ENTRANCE	64	9/15/92	4.0	-9	-9	-9	92.00	2.70	ns	NT	-9.000	0.074
40022.2	ALAMITOS BAY- ENTRANCE	65	9/15/92	4.0	-9	-9	-9	92.00	7.60	ns	NT	-9.000	0.014
40022.3	ALAMITOS BAY- ENTRANCE	66	9/15/92	4.0	-9	-9	-9	81.00	7.40	*	NT	-9.000	0.012
40023.1	ALAMITOS BAY- LONG BEACH	67	9/16/92	4.0	-9	-9	-9	81.00	18.20	ns	NT	-9.000	0.109
40023.2	ALAMITOS BAY- LONG BEACH	68	9/16/92	4.0	-9	-9	-9	79.00	12.90	*	NT	-9.000	0.101
40023.3	ALAMITOS BAY- LONG BEACH	69	9/16/92	4.0	-9	-9	-9	91.00	10.20	ns	NT	-9.000	0.086
40010.1	OFF CABRILLO BEACH	136	9/16/92	4.0	-9	-9	-9	89.00	14.30	ns	NT	-9.000	0.253
40010.2	OFF CABRILLO BEACH	137	9/16/92	4.0	-9	-9	-9	89.00	5.50	ns	NT	-9.000	0.005
40010.3	OFF CABRILLO BEACH	138	9/16/92	4.0	-9	-9	-9	84.00	5.50	*	NT	-9.000	0.003
44011.0	LOS CERRITOS CHNL TIDAL P	611	1/14/93	11.0	-9	-9	-9	65.00	19.40	*	T	-9.000	0.041
44012.0	PORT HUENEME- WHARF B	612	1/13/93	11.0	-9	-9	-9	70.00	15.40	*	T	-9.000	0.039
44013.0	PORT HUENEME- WHARF #1	613	1/12/93	11.0	-9	-9	-9	73.00	11.50	*	T	-9.000	0.031
44014.0	MARINA DEL REY	614	1/14/93	11.0	-9	-9	-9	53.00	11.00	*	T	-9.000	0.011
44016.0	MUGU LAGOON	616	1/12/93	11.0	-9	-9	-9	-9.00	-9.00	-9	-9	-9.000	-9.000
44017.0	COLORADO LAGOON	617	1/14/93	11.0	-9	-9	-9	-9.00	-9.00	-9	-9	-9.000	-9.000
44018.0	MALIBU LAGOON	618	1/13/93	11.0	-9	-9	-9	-9.00	-9.00	-9	-9	-9.000	-9.000
44020.0	SHORELINE MARINA	620	1/14/93	11.0	-9	-9	-9	28.00	9.10	*	T	-9.000	0.014
44021.0	VENTURA MARINA	621	1/13/93	11.0	-9	-9	-9	67.00	8.40	*	T	-9.000	0.003
44023.0	CHANNEL ISLANDS HARBOR	623	1/13/93	11.0	-9	-9	-9	48.00	13.50	*	T	-9.000	0.010
44024.0	BALLONA CREEK	624	1/14/93	11.0	-9	-9	-9	49.00	12.40	*	T	-9.000	0.424
44026.0	SIM'S POND	626	1/14/93	11.0	-9	-9	-9	-9.00	-9.00	-9	-9	-9.000	-9.000
44027.0	MCGRATH LAKE ESTUARY	627	1/13/93	11.0	-9	-9	-9	16.00	11.90	*	T	-9.000	0.280
44050.0	CALLEGUS/OXNARD DITCH #3	651	1/12/93	11.0	-9	-9	-9	-9.00	-9.00	-9	-9	-9.000	-9.000
44051.0	MUGU/MAIN LAGOON	652	1/12/93	11.0	-9	-9	-9	68.00	16.00	*	T	-9.000	0.126
44052.0	MUGU/WESTERN ARM	653	1/12/93	11.0	-9	-9	-9	64.00	9.60	*	T	-9.000	0.105
44053.0	MUGU/OXNARD DITCH #1	654	1/12/93	11.0	-9	-9	-9	35.00	15.00	*	T	-9.000	0.129
44054.0	MUGU/ENTRANCE	655	1/12/93	11.0	-9	-9	-9	14.00	17.80	*	T	-9.000	0.996
44022.0	VENTURA RIVER ESTUARY	622	2/10/93	13.0	-9	-9	-9	-9.00	-9.00	-9	-9	-9.000	-9.000
44025.0	SANTA CLARA RIVER ESTUARY	625	2/10/93	13.0	-9	-9	-9	-9.00	-9.00	-9	-9	-9.000	-9.000
40004.2	LOWER MAIN CHANNEL	789	5/6/93	18.0	-9	-9	CD	68.00	18.20	*	T	-9.000	0.040
40009.1	WEST BASIN ENTRANCE	790	5/6/93	18.0	-9	-9	CD	60.00	18.40	*	T	-9.000	0.014
40013.1	INNER QUEENSWAY BAY	791	5/6/93	18.0	-9	-9	CD	50.00	19.00	*	T	-9.000	0.057
40015.3	FISH HARBOR ENTRANCE	792	5/6/93	18.0	-9	-9	CD	75.00	21.50	ns	NT	-9.000	0.031
40016.2	TERMINAL ISLAND STP	793	5/6/93	18.0	-9	-9	CD	63.00	28.00	*	T	-9.000	0.019

Rhepoxynius abronius Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	TYPE	METADATA	CTRL	RA_MN	RA_SD	RA_SG	RA_TOX	RA_OTNH3	RA_OUNH3
40010.1	OFF CABRILLO BEACH	810	5/27/93	19.0	-9	-9	-9	58.00	11.00	*	T	-9.000	0.025
40017.3	LONG BEACH CHANNEL	811	5/27/93	19.0	-9	-9	-9	54.00	26.30	*	T	-9.000	0.015
40012.1	SOUTHEAST BASIN	812	5/27/93	19.0	-9	-9	-9	34.00	21.00	*	T	-9.000	0.012
40004.2	LOWER MAIN CHANNEL-REP 1	830	6/17/93	20.0	-9	-9	-9	91.00	4.00	ns	NT	-9.000	0.160
40004.2	LOWER MAIN CHANNEL-REP 2	831	6/17/93	20.0	-9	-9	-9	91.00	12.00	ns	NT	-9.000	0.333
40004.2	LOWER MAIN CHANNEL-REP 3	832	6/17/93	20.0	-9	-9	-9	93.00	8.00	ns	NT	-9.000	0.046
40009.1	WEST BASIN ENTRANCE-REP 1	834	6/17/93	20.0	-9	-9	-9	97.00	4.00	ns	NT	-9.000	0.110
40009.1	WEST BASIN ENTRANCE-REP 2	835	6/17/93	20.0	-9	-9	-9	86.00	10.00	ns	NT	-9.000	0.144
40009.1	WEST BASIN ENTRANCE-REP 3	836	6/17/93	20.0	-9	-9	-9	91.00	7.00	ns	NT	-9.000	0.064
40018.3	LONG BEACH OUTER HAR.-18-REP 1	884	8/5/93	22.0	-9	-9	-9	93.00	7.00	ns	NT	-9.000	0.024
40018.3	LONG BEACH OUTER HAR.-18-REP 2	885	8/5/93	22.0	-9	-9	-9	91.00	5.00	ns	NT	-9.000	0.013
40018.3	LONG BEACH OUTER HAR.-18-REP 3	886	8/5/93	22.0	-9	-9	-9	89.00	4.00	*	NT	-9.000	0.030
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1002	8/19/93	23.0	-9	-9	-9	97.00	4.00	ns	NT	-9.000	0.043
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1003	8/19/93	23.0	-9	-9	-9	91.00	7.00	ns	NT	-9.000	0.070
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1004	8/19/93	23.0	-9	-9	-9	89.00	10.00	ns	NT	-9.000	0.033
40031.2	PALOS V.(SWARTZ 6)-REP 4 BLIND	1005	8/19/93	23.0	-9	-9	-9	91.00	11.00	ns	NT	-9.000	0.057
40010.1	OFF CABRILLO BEACH-REP 1	1006	8/19/93	23.0	-9	-9	-9	68.00	10.00	*	NT	-9.000	0.049
40010.2	OFF CABRILLO BEACH-REP 2	1007	8/19/93	23.0	-9	-9	-9	90.00	7.00	ns	NT	-9.000	0.061
40010.3	OFF CABRILLO BEACH-REP 3	1008	8/19/93	23.0	-9	-9	-9	69.00	10.00	*	NT	-9.000	0.033
	CONTROL-CH3			25.0	CH3	toxmeta.wpd	-9	95.00	6.12	-9	-9	0.140	-8.000
	CONTROL-CH2			25.0	CH2	toxmeta.wpd	-9	97.00	2.74	-9	-9	0.190	0.006
	CONTROL-CH1			25.0	CH1	toxmeta.wpd	-9	97.00	6.71	-9	-9	0.160	0.004
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1038	2/2/94	25.0	SAM	toxmeta.wpd	-9	70.00	11.73	*	T	0.220	0.006
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1039	2/2/94	25.0	FR	toxmeta.wpd	-9	87.00	8.37	*	NT	0.510	0.007
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1040	2/2/94	25.0	FR	toxmeta.wpd	-9	85.00	14.58	ns	NT	0.330	0.008
40018.3	LONG BEACH OUTER HAR. -18 REP1	1041	1/31/94	25.0	SAM	toxmeta.wpd	-9	56.00	15.97	*	T	0.120	0.003
40018.3	LONG BEACH OUTER HAR. -18 REP2	1042	1/31/94	25.0	FR	toxmeta.wpd	-9	70.00	10.61	*	T	0.110	0.002
40018.3	LONG BEACH OUTER HAR. -18 REP3	1043	1/31/94	25.0	FR	toxmeta.wpd	-9	72.00	13.04	*	T	0.150	0.004
40012.1	SOUTHEAST BASIN- REP1	1047	2/1/94	25.0	SAM	toxmeta.wpd	-9	39.00	15.17	*	T	0.380	0.012
40012.1	SOUTHEAST BASIN- REP2	1048	2/1/94	25.0	FR	toxmeta.wpd	-9	51.00	15.17	*	T	0.390	0.013
40012.1	SOUTHEAST BASIN- REP3	1049	2/1/94	25.0	FR	toxmeta.wpd	-9	66.00	4.18	*	T	0.260	0.010
40006.1	CONSOLIDATED SLIP- REP 1	1050	2/1/94	25.0	SAM	toxmeta.wpd	-9	62.00	21.68	*	T	0.750	0.012
40006.1	CONSOLIDATED SLIP- REP 2	1051	2/1/94	25.0	FR	toxmeta.wpd	-9	65.00	9.35	*	T	0.900	0.056
40006.1	CONSOLIDATED SLIP- REP 3	1052	2/1/94	25.0	FR	toxmeta.wpd	-9	80.00	11.18	*	NT	0.950	0.023
40003.2	TURNING BASIN, PIER 151- REP 1	1053	2/2/94	25.0	SAM	toxmeta.wpd	-9	85.00	10.00	*	NT	0.000	0.000
40003.2	TURNING BASIN, PIER 151- REP 2	1054	2/2/94	25.0	FR	toxmeta.wpd	-9	91.00	6.52	ns	NT	0.180	0.001
40003.2	TURNING BASIN, PIER 151- REP 3	1055	2/2/94	25.0	FR	toxmeta.wpd	-9	82.00	12.55	*	NT	0.360	0.006

Rhepoxynius abronius Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	TYPE	METADATA	CTRL	RA_MN	RA_SD	RA_SG	RA_TOX	RA_OTNH3	RA_OUNH3
40013.1	INNER QUEENSWAY BAY- REP 1	1056	2/1/94	25.0	SAM	toxmeta.wpd	-9	83.00	8.37	*	NT	1.100	0.024
40013.1	INNER QUEENSWAY BAY- REP 2	1057	2/1/94	25.0	FR	toxmeta.wpd	-9	76.00	9.62	*	NT	3.400	0.088
40013.1	INNER QUEENSWAY BAY- REP 3	1058	2/1/94	25.0	FR	toxmeta.wpd	-9	71.00	11.40	*	T	4.200	0.086
40017.3	LONG BEACH CHANNEL- REP 1	1059	1/31/94	25.0	SAM	toxmeta.wpd	-9	71.00	10.84	*	T	0.380	0.010
40017.3	LONG BEACH CHANNEL- REP 2	1060	1/31/94	25.0	FR	toxmeta.wpd	-9	47.00	17.89	*	T	0.350	0.007
40017.3	LONG BEACH CHANNEL- REP 3	1061	1/31/94	25.0	FR	toxmeta.wpd	-9	61.00	8.22	*	T	0.330	0.008
40001.2	SOUTHWEST SLIP- REP 1	1062	2/1/94	25.0	SAM	toxmeta.wpd	-9	69.00	12.45	*	T	0.360	0.009
40001.2	SOUTHWEST SLIP- REP 2	1063	2/1/94	25.0	FR	toxmeta.wpd	-9	72.00	7.58	*	T	0.360	0.007
40001.2	SOUTHWEST SLIP- REP 3	1064	2/1/94	25.0	FR	toxmeta.wpd	-9	58.00	15.25	*	T	0.480	0.054
44020.0	SHORELINE MARINA- REP 1	1065	2/1/94	25.0	SAM	toxmeta.wpd	-9	32.00	27.97	*	T	0.500	0.009
44020.0	SHORELINE MARINA- REP 2	1066	2/1/94	25.0	FR	toxmeta.wpd	-9	59.00	22.75	*	T	0.530	0.017
44020.0	SHORELINE MARINA- REP 3	1067	2/1/94	25.0	FR	toxmeta.wpd	-9	73.00	12.04	*	NT	0.470	0.014
	CONTROL-CH1			26.0	CH1	toxmeta.wpd	-9	92.50	5.00	-9	-9	1.200	0.016
	CONTROL-CH3			26.0	CH3	toxmeta.wpd	-9	96.00	4.18	-9	-9	1.200	0.015
	CONTROL-CH2			26.0	CH2	toxmeta.wpd	-9	97.00	2.74	-9	-9	1.000	0.015
40010.1	OFF CABRILLO BEACH-REP 1	1068	2/15/94	26.0	SAM	toxmeta.wpd	-9	80.00	16.96	*	NT	0.390	0.006
40010.1	OFF CABRILLO BEACH-REP 2	1069	2/15/94	26.0	FR	toxmeta.wpd	-9	48.00	11.51	*	T	0.490	0.011
40010.1	OFF CABRILLO BEACH-REP 3	1070	2/15/94	26.0	FR	toxmeta.wpd	-9	46.00	16.36	*	T	0.320	0.005
40010.2	OFF CABRILLO BEACH-REP 1	1071	2/15/94	26.0	SAM	toxmeta.wpd	-9	78.00	13.04	*	NT	0.330	0.003
40010.2	OFF CABRILLO BEACH-REP 2	1072	2/15/94	26.0	FR	toxmeta.wpd	-9	63.00	14.83	*	T	0.990	0.015
40010.2	OFF CABRILLO BEACH-REP 3	1073	2/15/94	26.0	FR	toxmeta.wpd	-9	72.00	14.83	*	NT	1.400	0.022
40010.3	OFF CABRILLO BEACH-REP 1	1074	2/15/94	26.0	SAM	toxmeta.wpd	-9	60.00	14.14	*	T	1.600	0.027
40010.3	OFF CABRILLO BEACH-REP 2	1075	2/15/94	26.0	FR	toxmeta.wpd	-9	64.00	15.57	*	T	2.200	0.036
40010.3	OFF CABRILLO BEACH-REP 3	1076	2/15/94	26.0	FR	toxmeta.wpd	-9	48.00	18.91	*	T	2.300	0.029
44011.0	LOS CERRITOS CHNL TIDAL P-REP1	1077	2/16/94	26.0	SAM	toxmeta.wpd	-9	66.00	14.75	*	NT	9.600	0.185
44011.0	LOS CERRITOS CHNL TIDAL P-REP2	1078	2/16/94	26.0	FR	toxmeta.wpd	-9	62.00	18.23	*	T	7.300	0.128
44011.0	LOS CERRITOS CHNL TIDAL P-REP3	1079	2/16/94	26.0	FR	toxmeta.wpd	-9	62.00	17.54	*	T	5.300	0.091
44014.0	MARINA DEL REY-REP 1	1080	2/15/94	26.0	SAM	toxmeta.wpd	-9	32.00	14.40	*	T	0.430	0.006
44014.0	MARINA DEL REY-REP 2	1081	2/15/94	26.0	FR	toxmeta.wpd	-9	42.00	16.43	*	T	2.700	0.040
44014.0	MARINA DEL REY-REP 3	1082	2/15/94	26.0	FR	toxmeta.wpd	-9	35.00	18.03	*	T	0.340	0.004
44024.0	BALLONA CREEK-REP 1	1083	2/15/94	26.0	SAM	toxmeta.wpd	-9	54.00	14.75	*	T	8.500	0.187
44024.0	BALLONA CREEK-REP 2	1084	2/15/94	26.0	FR	toxmeta.wpd	-9	60.00	16.83	*	T	8.300	0.261
44024.0	BALLONA CREEK REP3	1085	2/15/94	26.0	FR	toxmeta.wpd	-9	42.00	11.51	*	T	7.800	0.281
	CONTROL-CH1			30.0	CH1	toxmeta.wpd	-9	96.00	4.18	-9	-9	-8.000	-8.000
	CONTROL-CH2			30.0	CH2	toxmeta.wpd	-9	95.00	6.12	-9	-9	-8.000	-8.000
	CONTROL-CH3			30.0	CH3	toxmeta.wpd	-9	97.00	4.47	-9	-9	-8.000	-8.000
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1189	4/13/94	30.0	SAM	toxmeta.wpd	-9	86.00	12.94	ns	NT	1.300	0.031

Rhepoxynius abronius Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	TYPE	METADATA	CTRL	RA_MN	RA_SD	RA_SG	RA_TOX	RA_OTNH3	RA_OUNH3
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1190	4/13/94	30.0	FR	toxmeta.wpd	-9	86.00	6.52	*	NT	0.270	0.007
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1191	4/13/94	30.0	FR	toxmeta.wpd	-9	91.00	11.94	ns	NT	0.290	0.012
40018.3	LONG BEACH OUTER HAR.-18-REP 1	1192	4/12/94	30.0	SAM	toxmeta.wpd	-9	88.00	7.58	*	NT	0.300	0.008
40018.3	LONG BEACH OUTER HAR.-18-REP 2	1193	4/12/94	30.0	FR	toxmeta.wpd	-9	89.00	5.48	*	NT	0.300	0.009
40018.3	LONG BEACH OUTER HAR.-18-REP 3	1194	4/12/94	30.0	FR	toxmeta.wpd	-9	81.00	12.45	*	NT	0.290	0.008
44055.0	L.B. NAVAL STN.-PIER 3-REP 1	1198	4/12/94	30.0	SAM	toxmeta.wpd	-9	77.00	13.51	*	NT	0.300	0.008
44055.0	L.B. NAVAL STN.-PIER 3-REP 2	1199	4/12/94	30.0	FR	toxmeta.wpd	-9	86.00	6.52	*	NT	0.350	0.012
44055.0	L.B. NAVAL STN.-PIER 3-REP 3	1200	4/12/94	30.0	FR	toxmeta.wpd	-9	82.00	2.74	*	NT	0.350	0.009
44023.0	CHANNEL ISLANDS HARBOR-REP 1	1207	4/13/94	30.0	SAM	toxmeta.wpd	-9	80.00	11.73	*	NT	4.900	0.197
44023.0	CHANNEL ISLANDS HARBOR-REP 2	1208	4/13/94	30.0	FR	toxmeta.wpd	-9	78.00	10.95	*	NT	3.300	0.102
44023.0	CHANNEL ISLANDS HARBOR-REP 3	1209	4/13/94	30.0	FR	toxmeta.wpd	-9	82.00	5.70	*	NT	3.100	0.109
44027.0	MCGRATH LAKE ESTUARY-REP 1	1210	4/13/94	30.0	SAM	toxmeta.wpd	-9	72.00	13.51	*	NT	2.500	0.117
44027.0	MCGRATH LAKE ESTUARY-REP 2	1211	4/13/94	30.0	FR	toxmeta.wpd	-9	75.00	21.79	ns	NT	4.600	0.169
44027.0	MCGRATH LAKE ESTUARY-REP 3	1212	4/13/94	30.0	FR	toxmeta.wpd	-9	62.00	15.65	*	T	1.100	0.063
44054.0	MUGU/ENTRANCE-REP 1	1213	4/14/94	30.0	SAM	toxmeta.wpd	-9	51.00	5.48	*	T	2.700	0.089
44054.0	MUGU/ENTRANCE-REP 2	1214	4/14/94	30.0	FR	toxmeta.wpd	-9	69.00	6.52	*	T	3.700	0.097
44054.0	MUGU/ENTRANCE-REP 3	1215	4/14/94	30.0	FR	toxmeta.wpd	-9	78.00	9.08	*	NT	4.900	0.129
44053.0	MUGU/OXNARD DITCH #1-REP 1	1216	4/14/94	30.0	SAM	toxmeta.wpd	-9	61.00	14.32	*	T	5.500	0.185
44053.0	MUGU/OXNARD DITCH #1-REP 2	1217	4/14/94	30.0	FR	toxmeta.wpd	-9	61.00	18.17	*	T	7.500	0.202
44053.0	MUGU/OXNARD DITCH #1-REP 3	1218	4/14/94	30.0	FR	toxmeta.wpd	-9	47.00	13.04	*	T	6.700	0.197
	CONTROL-CH2			32.0	CH2	toxmeta.wpd	-9	99.00	2.24	-9	-9	0.120	0.002
	CONTROL-CH3			32.0	CH3	toxmeta.wpd	-9	100.00	0.00	-9	-9	0.110	0.003
	CONTROL-CH1			32.0	CH1	toxmeta.wpd	-9	96.00	8.94	-9	-9	-8.000	-8.000
40010.1	OFF CABRILLO BEACH	1331	5/19/94	32.0	SAM	toxmeta.wpd	-9	92.00	2.74	ns	NT	0.250	0.009
40010.2	OFF CABRILLO BEACH	1332	5/19/94	32.0	SAM	toxmeta.wpd	-9	82.50	10.41	*	NT	0.330	0.012
40010.3	OFF CABRILLO BEACH	1333	5/19/94	32.0	SAM	toxmeta.wpd	-9	91.00	5.48	ns	NT	0.190	0.006
40018.3	LONG BEACH OUTER HAR.-18	1334	5/19/94	32.0	SAM	toxmeta.wpd	-9	90.00	10.00	ns	NT	0.260	0.007
	CONTROL-C1			45.0	C1	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
	CONTROL-C2			45.0	C2	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
46001.0	HUGO NEUPROLER- #1	1623	6/20/96	45.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
46002.0	HUGO NEUPROLER- #2	1624	6/20/96	45.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
46003.0	HUGO NEUPROLER- #3	1625	6/20/96	45.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
44012.0	PORT HUENEME-WHARF B	1626	6/19/96	45.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
44013.0	PORT HUENEME-WHARF #1	1627	6/19/96	45.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
44027.0	MCGRATH LAKE ESTUARY	1628	6/19/96	45.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
44054.0	MUGU/ENTRANCE-REP 1	1629	6/19/96	45.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
44014.0	MARINA DEL REY	1630	6/19/96	45.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000

Rhepoxynius abronius Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	TYPE	METADATA	CTRL	RA_MN	RA_SD	RA_SG	RA_TOX	RA_OTNH3	RA_OUNH3
44020.0	SHORELINE MARINA	1631	6/20/96	45.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
44012.0	SOUTHEAST BASIN	1632	6/20/96	45.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
	CONTROL-C1			46.0	C1	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
47001.0	CONSOLIDATED SLIP-198-SURFACE	1647	7/17/96	46.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
47001.0	CONSOLIDATED SLIP-198-DEPTH 2	1648	7/17/96	46.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
47002.0	CONSOLIDATED SLIP-200-SURFACE	1650	7/17/96	46.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
47002.0	CONSOLIDATED SLIP-200-DEPTH 2	1651	7/17/96	46.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
47003.0	CONSOLIDATED SLIP-200B-SURFACE	1653	7/17/96	46.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
47003.0	CONSOLIDATED SLIP-200B-DEPTH 2	1654	7/17/96	46.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
47004.0	CONSOLIDATED SLIP-200E-SURFACE	1656	7/17/96	46.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
47004.0	CONSOLIDATED SLIP-200E-DEPTH 2	1657	7/17/96	46.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
47005.0	CONSOLIDATED SLIP-200T-SURFACE	1659	7/17/96	46.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
47005.0	CONSOLIDATED SLIP-200T-DEPTH 2	1660	7/17/96	46.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
47005.0	CONSOLIDATED SLIP-200T-DEPTH 3	1661	7/17/96	46.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
47006.0	CONSOLIDATED SLIP-END-SURFACE	1662	7/18/96	46.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
47006.0	CONSOLIDATED SLIP-STORM DRAIN	1663	7/18/96	46.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
47006.0	CONSOLIDATED SLIP-200G-SURFACE	1664	7/18/96	46.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
47007.0	DOMINGUEZ-H. FORD BRIDGE-SURFC	1665	7/18/96	46.0	SAM	toxdata6.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
	CONTROL-C1			48.0	C1	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
48001.0	MARINA DEL REY - A1 (X1)	1686	2/5/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
48002.0	MARINA DEL REY - A2 (X2)	1687	2/5/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
48003.0	MARINA DEL REY - B1 (X1)	1688	2/5/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
48004.0	MARINA DEL REY - B2 (X1)	1689	2/5/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
48005.0	MARINA DEL REY - C1 (X1)	1690	2/5/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
48006.0	SHORELINE MARINA A1 (X1)	1691	2/4/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
48007.0	SHORELINE MARINA B1 (X1)	1692	2/4/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
48008.0	SHORELINE MARINA C1 (X1)	1693	2/4/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
48009.0	SAN PEDRO BAY OUTER HARBOR	1694	2/4/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
40018.3	LONG BEACH OUTER HARBOR - 18	1695	2/4/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
40020.2	LONG BEACH OUTER HARBOR - 20	1696	2/4/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
48010.0	TURNING BASIN	1697	2/4/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
40015.1	FISH HARBOR ENTRANCE	1698	2/4/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
40009.0	WEST BASIN ENTRANCE	1699	2/4/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
48011.0	KING HARBOR	1700	2/5/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
40023.1	ALAMITOS BAY-LONG BEACH MARINA	1701	2/4/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
48012.0	CHANNEL IS. HARBOR - FRONT	1702	2/3/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
48013.0	WEST MUGU LAGOON - A1 (X2)	1703	2/6/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000

Rhepoxynius abronius Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	TYPE	METADATA	CTRL	RA_MN	RA_SD	RA_SG	RA_TOX	RA_OTNH3	RA_OUNH3
48014.0	WEST MUGU LAGOON - A2 (X3)	1704	2/6/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
48015.0	CENTRAL MUGU LAGOON - B1 (X4)	1705	2/6/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
48016.0	CENTRAL MUGU LAGOON - B2 (X3)	1706	2/6/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
48017.0	EAST MUGU LAGOON - C1 (X1)	1707	2/6/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
48018.0	EAST MUGU LAGOON - C2 (X2)	1708	2/6/97	48.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
	CONTROL-C1			53.0	C1	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
48009.0	SAN PEDRO BAY OUTER HARBOR	1769	5/13/97	53.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
40018.0	LONG BEACH OUTER HARBOR 18	1770	5/13/97	53.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
40020.0	LONG BEACH OUTER HARBOR 20	1771	5/13/97	53.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
48010.0	TURNING BASIN	1772	5/13/97	53.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
40015.0	FISH HARBOR ENTRANCE	1773	5/13/97	53.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
40009.0	WEST BASIN ENTRANCE	1774	5/13/97	53.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
48011.0	KING HARBOR	1775	5/12/97	53.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
40023.0	ALAMITOS BAY-LONG BEACH MARINA	1776	5/13/97	53.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
48012.0	CHANNEL IS. HARBOR - FRONT	1777	5/12/97	53.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
49001.0	CABRILLO BEACH PIER - WEST	1778	5/13/97	53.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
49002.0	CABRILLO BEACH PIER - CENTRAL	1779	5/13/97	53.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
49003.0	CABRILLO BEACH PIER - EAST	1780	5/13/97	53.0	SAM	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
	CONTROL-C1			54.0	C1	toxmeta8	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
49004.0	KAISER INTL.- BERTH 49	1793	8/21/97	54.0	SAM	toxmeta8	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
49005.0	KAISER INTL.- BERTH 48	1794	8/21/97	54.0	SAM	toxmeta8	C1	-9.00	-9.00	-9	-9	-9.000	-9.000

Rhepoxynius abronius Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	RA_OH2S	RA_ITNH3	RA_IUNH3	RA_IH2S	RA_BATCH	RAQC
40001.1	SOUTHWEST SLIP	1	7/29/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40001.2	SOUTHWEST SLIP	2	7/29/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40001.3	SOUTHWEST SLIP	3	7/29/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40002.1	WEST BASIN- PIER 143	4	7/30/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40002.2	WEST BASIN- PIER 143	5	7/30/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40002.3	WEST BASIN- PIER 143	6	7/30/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40003.1	TURNING BASIN- PIER 151	7	7/31/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40003.2	TURNING BASIN- PIER 151	8	7/31/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40003.3	TURNING BASIN- PIER 151	9	7/31/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40004.1	LOWER MAIN CHANNEL	10	7/29/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40004.2	LOWER MAIN CHANNEL	11	7/29/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40004.3	LOWER MAIN CHANNEL	12	7/29/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40005.1	EAST BASIN- TURNING BASIN	13	7/30/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40005.2	EAST BASIN- TURNING BASIN	14	7/30/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40005.3	EAST BASIN- TURNING BASIN	15	7/30/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40006.1	CONSOLIDATED SLIP	16	7/31/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40006.2	CONSOLIDATED SLIP	17	7/31/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40006.3	CONSOLIDATED SLIP	18	7/31/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40032.1	SAN PEDRO BAY- POLA 19	79	7/30/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40032.2	SAN PEDRO BAY- POLA 19	80	7/30/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40032.3	SAN PEDRO BAY- POLA 19	81	7/30/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40033.1	OUTER HARBOR- POLA 10	82	7/30/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40033.2	OUTER HARBOR- POLA 10	83	7/30/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40033.3	OUTER HARBOR- POLA 10	84	7/30/92	1.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40008.1	EAST BASIN- PIER C	22	8/18/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40008.2	EAST BASIN- PIER C	23	8/18/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40008.3	EAST BASIN- PIER C	24	8/18/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40009.1	WEST BASIN ENTRANCE	25	8/18/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40009.2	WEST BASIN ENTRANCE	26	8/18/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40009.3	WEST BASIN ENTRANCE	27	8/18/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40010.1	OFF CABRILLO BEACH	28	8/18/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40010.2	OFF CABRILLO BEACH	29	8/18/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40010.3	OFF CABRILLO BEACH	30	8/18/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40012.1	SOUTHEAST BASIN	34	8/18/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40012.2	SOUTHEAST BASIN	35	8/18/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40012.3	SOUTHEAST BASIN	36	8/18/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40015.1	FISH HARBOR ENTRANCE	43	8/19/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40015.2	FISH HARBOR ENTRANCE	44	8/19/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9

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STANUM	STATION	IDORG	DATE	LEG	RA_OH2S	RA_ITNH3	RA_IUNH3	RA_IH2S	RA_BATCH	RAQC
40015.3	FISH HARBOR ENTRANCE	45	8/19/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40016.1	TERMINAL ISLAND STP	46	8/18/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40016.2	TERMINAL ISLAND STP	47	8/18/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40016.3	TERMINAL ISLAND STP	48	8/18/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40019.1	INNER FISH HARBOR	55	8/19/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40019.2	INNER FISH HARBOR	56	8/19/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40019.3	INNER FISH HARBOR	57	8/19/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40030.1	SAN PEDRO BREAKWATER	73	8/19/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40030.2	SAN PEDRO BREAKWATER	74	8/19/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40030.3	SAN PEDRO BREAKWATER	75	8/19/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40032.1	SAN PEDRO BAY- POLA 19	103	8/19/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40032.2	SAN PEDRO BAY- POLA 19	104	8/19/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40032.3	SAN PEDRO BAY- POLA 19	105	8/19/92	2.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40007.1	LONG BEACH HARBOR- CHANNEL 2	19	9/1/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40007.2	LONG BEACH HARBOR- CHANNEL 2	20	9/1/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40007.3	LONG BEACH HARBOR- CHANNEL 2	21	9/1/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40011.1	INNER HARBOR- CHANNEL 3	31	9/1/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40011.2	INNER HARBOR- CHANNEL 3	32	9/1/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40011.3	INNER HARBOR- CHANNEL 3	33	9/1/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40013.1	INNER QUEENSWAY BAY	37	9/2/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40013.2	INNER QUEENSWAY BAY	38	9/2/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40013.3	INNER QUEENSWAY BAY	39	9/2/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40014.1	OUTER QUEENSWAY BAY	40	9/2/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40014.2	OUTER QUEENSWAY BAY	41	9/2/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40014.3	OUTER QUEENSWAY BAY	42	9/2/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40017.1	LONG BEACH CHANNEL	49	9/2/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40017.2	LONG BEACH CHANNEL	50	9/2/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40017.3	LONG BEACH CHANNEL	51	9/2/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40018.1	LONG BEACH OUTER HARBOR- 18	52	9/2/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40018.2	LONG BEACH OUTER HARBOR- 18	53	9/2/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40018.3	LONG BEACH OUTER HARBOR- 18	54	9/2/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40020.1	LONG BEACH OUTER HARBOR- 20	58	9/2/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40020.2	LONG BEACH OUTER HARBOR- 20	59	9/2/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40020.3	LONG BEACH OUTER HARBOR- 20	60	9/2/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40031.1	PALOS VERDES- SWARTZ 6	76	9/1/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40031.2	PALOS VERDES- SWARTZ 6	77	9/1/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40031.3	PALOS VERDES- SWARTZ 6	78	9/1/92	3.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9

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STANUM	STATION	IDORG	DATE	LEG	RA_OH2S	RA_ITNH3	RA_IUNH3	RA_IH2S	RA_BATCH	RAQC
40021.1	ALAMITOS BAY- MARINE STADIUM	61	9/16/92	4.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40021.2	ALAMITOS BAY- MARINE STADIUM	62	9/16/92	4.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40021.3	ALAMITOS BAY- MARINE STADIUM	63	9/16/92	4.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40022.1	ALAMITOS BAY- ENTRANCE	64	9/15/92	4.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40022.2	ALAMITOS BAY- ENTRANCE	65	9/15/92	4.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40022.3	ALAMITOS BAY- ENTRANCE	66	9/15/92	4.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40023.1	ALAMITOS BAY- LONG BEACH	67	9/16/92	4.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40023.2	ALAMITOS BAY- LONG BEACH	68	9/16/92	4.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40023.3	ALAMITOS BAY- LONG BEACH	69	9/16/92	4.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40010.1	OFF CABRILLO BEACH	136	9/16/92	4.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40010.2	OFF CABRILLO BEACH	137	9/16/92	4.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40010.3	OFF CABRILLO BEACH	138	9/16/92	4.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44011.0	LOS CERRITOS CHNL TIDAL P	611	1/14/93	11.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44012.0	PORT HUENEME- WHARF B	612	1/13/93	11.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44013.0	PORT HUENEME- WHARF #1	613	1/12/93	11.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44014.0	MARINA DEL REY	614	1/14/93	11.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44016.0	MUGU LAGOON	616	1/12/93	11.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44017.0	COLORADO LAGOON	617	1/14/93	11.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44018.0	MALIBU LAGOON	618	1/13/93	11.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44020.0	SHORELINE MARINA	620	1/14/93	11.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44021.0	VENTURA MARINA	621	1/13/93	11.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44023.0	CHANNEL ISLANDS HARBOR	623	1/13/93	11.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44024.0	BALLONA CREEK	624	1/14/93	11.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44026.0	SIM'S POND	626	1/14/93	11.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44027.0	MCGRATH LAKE ESTUARY	627	1/13/93	11.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44050.0	CALLEGUS/OXNARD DITCH #3	651	1/12/93	11.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44051.0	MUGU/MAIN LAGOON	652	1/12/93	11.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44052.0	MUGU/WESTERN ARM	653	1/12/93	11.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44053.0	MUGU/OXNARD DITCH #1	654	1/12/93	11.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44054.0	MUGU/ENTRANCE	655	1/12/93	11.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44022.0	VENTURA RIVER ESTUARY	622	2/10/93	13.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44025.0	SANTA CLARA RIVER ESTUARY	625	2/10/93	13.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40004.2	LOWER MAIN CHANNEL	789	5/6/93	18.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40009.1	WEST BASIN ENTRANCE	790	5/6/93	18.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40013.1	INNER QUEENSWAY BAY	791	5/6/93	18.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40015.3	FISH HARBOR ENTRANCE	792	5/6/93	18.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40016.2	TERMINAL ISLAND STP	793	5/6/93	18.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9

Rhepoxynius abronius Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	RA_OH2S	RA_ITNH3	RA_IUNH3	RA_IH2S	RA_BATCH	RAQC
40010.1	OFF CABRILLO BEACH	810	5/27/93	19.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40017.3	LONG BEACH CHANNEL	811	5/27/93	19.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40012.1	SOUTHEAST BASIN	812	5/27/93	19.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40004.2	LOWER MAIN CHANNEL-REP 1	830	6/17/93	20.0	0.0002	-9.000	-9.000	-9.0000	-9	-9
40004.2	LOWER MAIN CHANNEL-REP 2	831	6/17/93	20.0	0.0005	-9.000	-9.000	-9.0000	-9	-9
40004.2	LOWER MAIN CHANNEL-REP 3	832	6/17/93	20.0	0.0005	-9.000	-9.000	-9.0000	-9	-9
40009.1	WEST BASIN ENTRANCE-REF 1	834	6/17/93	20.0	0.0003	-9.000	-9.000	-9.0000	-9	-9
40009.1	WEST BASIN ENTRANCE-REF 2	835	6/17/93	20.0	0.0003	-9.000	-9.000	-9.0000	-9	-9
40009.1	WEST BASIN ENTRANCE-REF 3	836	6/17/93	20.0	0.0005	-9.000	-9.000	-9.0000	-9	-9
40018.3	LONG BEACH OUTER HAR.-18-REP 1	884	8/5/93	22.0	-8.0000	-9.000	-9.000	-9.0000	-9	-9
40018.3	LONG BEACH OUTER HAR.-18-REP 2	885	8/5/93	22.0	-8.0000	-9.000	-9.000	-9.0000	-9	-9
40018.3	LONG BEACH OUTER HAR.-18-REP 3	886	8/5/93	22.0	-8.0000	-9.000	-9.000	-9.0000	-9	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1002	8/19/93	23.0	-8.0000	-9.000	-9.000	-9.0000	-9	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1003	8/19/93	23.0	-8.0000	-9.000	-9.000	-9.0000	-9	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1004	8/19/93	23.0	-8.0000	-9.000	-9.000	-9.0000	-9	-9
40031.2	PALOS V.(SWARTZ 6)-REP 4 BLIND	1005	8/19/93	23.0	-8.0000	-9.000	-9.000	-9.0000	-9	-9
40010.1	OFF CABRILLO BEACH-REP 1	1006	8/19/93	23.0	-8.0000	-9.000	-9.000	-9.0000	-9	-9
40010.2	OFF CABRILLO BEACH-REP 2	1007	8/19/93	23.0	-8.0000	-9.000	-9.000	-9.0000	-9	-9
40010.3	OFF CABRILLO BEACH-REP 3	1008	8/19/93	23.0	-8.0000	-9.000	-9.000	-9.0000	-9	-9
	CONTROL-CH3			25.0	0.0049	-9.000	-9.000	-9.0000	B025RASA01	-3
	CONTROL-CH2			25.0	0.0082	-9.000	-9.000	-9.0000	B025RASA01	-3
	CONTROL-CH1			25.0	-8.0000	-9.000	-9.000	-9.0000	B025RASA01	-3
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1038	2/2/94	25.0	0.1008	-9.000	-9.000	-9.0000	B025RASA01	-3
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1039	2/2/94	25.0	0.0209	-9.000	-9.000	-9.0000	B025RASA01	-3
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1040	2/2/94	25.0	0.0263	-9.000	-9.000	-9.0000	B025RASA01	-3
40018.3	LONG BEACH OUTER HAR. -18 REP1	1041	1/31/94	25.0	0.0373	-9.000	-9.000	-9.0000	B025RASA01	-3
40018.3	LONG BEACH OUTER HAR. -18 REP2	1042	1/31/94	25.0	-8.0000	-9.000	-9.000	-9.0000	B025RASA01	-3
40018.3	LONG BEACH OUTER HAR. -18 REP3	1043	1/31/94	25.0	0.0363	-9.000	-9.000	-9.0000	B025RASA01	-3
40012.1	SOUTHEAST BASIN- REP1	1047	2/1/94	25.0	0.0118	-9.000	-9.000	-9.0000	B025RASA01	-3
40012.1	SOUTHEAST BASIN- REP2	1048	2/1/94	25.0	-8.0000	-9.000	-9.000	-9.0000	B025RASA01	-3
40012.1	SOUTHEAST BASIN- REP3	1049	2/1/94	25.0	0.0056	-9.000	-9.000	-9.0000	B025RASA01	-3
40006.1	CONSOLIDATED SLIP- REP 1	1050	2/1/94	25.0	0.0996	-9.000	-9.000	-9.0000	B025RASA01	-3
40006.1	CONSOLIDATED SLIP- REP 2	1051	2/1/94	25.0	-8.0000	-9.000	-9.000	-9.0000	B025RASA01	-3
40006.1	CONSOLIDATED SLIP- REP 3	1052	2/1/94	25.0	0.0465	-9.000	-9.000	-9.0000	B025RASA01	-3
40003.2	TURNING BASIN, PIER 151- REP 1	1053	2/2/94	25.0	-8.0000	-9.000	-9.000	-9.0000	B025RASA01	-3
40003.2	TURNING BASIN, PIER 151- REP 2	1054	2/2/94	25.0	0.0269	-9.000	-9.000	-9.0000	B025RASA01	-3
40003.2	TURNING BASIN, PIER 151- REP 3	1055	2/2/94	25.0	-8.0000	-9.000	-9.000	-9.0000	B025RASA01	-3

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STANUM	STATION	IDORG	DATE	LEG	RA_OH2S	RA_ITNH3	RA_IUNH3	RA_IH2S	RA_BATCH	RAQC
40013.1	INNER QUEENSWAY BAY- REP 1	1056	2/1/94	25.0	-8.0000	-9.000	-9.000	-9.0000	B025RASA01	-3
40013.1	INNER QUEENSWAY BAY- REP 2	1057	2/1/94	25.0	-8.0000	-9.000	-9.000	-9.0000	B025RASA01	-3
40013.1	INNER QUEENSWAY BAY- REP 3	1058	2/1/94	25.0	-8.0000	-9.000	-9.000	-9.0000	B025RASA01	-3
40017.3	LONG BEACH CHANNEL- REP 1	1059	1/31/94	25.0	-8.0000	-9.000	-9.000	-9.0000	B025RASA01	-3
40017.3	LONG BEACH CHANNEL- REP 2	1060	1/31/94	25.0	0.0141	-9.000	-9.000	-9.0000	B025RASA01	-3
40017.3	LONG BEACH CHANNEL- REP 3	1061	1/31/94	25.0	0.0239	-9.000	-9.000	-9.0000	B025RASA01	-3
40001.2	SOUTHWEST SLIP- REP 1	1062	2/1/94	25.0	-8.0000	-9.000	-9.000	-9.0000	B025RASA01	-3
40001.2	SOUTHWEST SLIP- REP 2	1063	2/1/94	25.0	0.0288	-9.000	-9.000	-9.0000	B025RASA01	-3
40001.2	SOUTHWEST SLIP- REP 3	1064	2/1/94	25.0	0.0008	-9.000	-9.000	-9.0000	B025RASA01	-3
44020.0	SHORELINE MARINA- REP 1	1065	2/1/94	25.0	-8.0000	-9.000	-9.000	-9.0000	B025RASA01	-3
44020.0	SHORELINE MARINA- REP 2	1066	2/1/94	25.0	-8.0000	-9.000	-9.000	-9.0000	B025RASA01	-3
44020.0	SHORELINE MARINA- REP 3	1067	2/1/94	25.0	0.0197	-9.000	-9.000	-9.0000	B025RASA01	-3
	CONTROL-CH1			26.0	-8.0000	-9.000	-9.000	-9.0000	B026RASA01	-3
	CONTROL-CH3			26.0	-8.0000	-9.000	-9.000	-9.0000	B026RASA01	-3
	CONTROL-CH2			26.0	-8.0000	-9.000	-9.000	-9.0000	B026RASA01	-3
40010.1	OFF CABRILLO BEACH-REP 1	1068	2/15/94	26.0	-8.0000	-9.000	-9.000	-9.0000	B026RASA01	-3
40010.1	OFF CABRILLO BEACH-REP 2	1069	2/15/94	26.0	0.0048	-9.000	-9.000	-9.0000	B026RASA01	-3
40010.1	OFF CABRILLO BEACH-REP 3	1070	2/15/94	26.0	-8.0000	-9.000	-9.000	-9.0000	B026RASA01	-3
40010.2	OFF CABRILLO BEACH-REP 1	1071	2/15/94	26.0	-8.0000	-9.000	-9.000	-9.0000	B026RASA01	-3
40010.2	OFF CABRILLO BEACH-REP 2	1072	2/15/94	26.0	0.0022	-9.000	-9.000	-9.0000	B026RASA01	-3
40010.2	OFF CABRILLO BEACH-REP 3	1073	2/15/94	26.0	-8.0000	-9.000	-9.000	-9.0000	B026RASA01	-3
40010.3	OFF CABRILLO BEACH-REP 1	1074	2/15/94	26.0	-8.0000	-9.000	-9.000	-9.0000	B026RASA01	-3
40010.3	OFF CABRILLO BEACH-REP 2	1075	2/15/94	26.0	-8.0000	-9.000	-9.000	-9.0000	B026RASA01	-3
40010.3	OFF CABRILLO BEACH-REP 3	1076	2/15/94	26.0	-8.0000	-9.000	-9.000	-9.0000	B026RASA01	-3
44011.0	LOS CERRITOS CHNL TIDAL P-REP1	1077	2/16/94	26.0	-8.0000	-9.000	-9.000	-9.0000	B026RASA01	-3
44011.0	LOS CERRITOS CHNL TIDAL P-REP2	1078	2/16/94	26.0	-8.0000	-9.000	-9.000	-9.0000	B026RASA01	-3
44011.0	LOS CERRITOS CHNL TIDAL P-REP3	1079	2/16/94	26.0	-8.0000	-9.000	-9.000	-9.0000	B026RASA01	-3
44014.0	MARINA DEL REY-REP 1	1080	2/15/94	26.0	-8.0000	-9.000	-9.000	-9.0000	B026RASA01	-3
44014.0	MARINA DEL REY-REP 2	1081	2/15/94	26.0	-8.0000	-9.000	-9.000	-9.0000	B026RASA01	-3
44014.0	MARINA DEL REY-REP 3	1082	2/15/94	26.0	-8.0000	-9.000	-9.000	-9.0000	B026RASA01	-3
44024.0	BALLONA CREEK-REP 1	1083	2/15/94	26.0	-8.0000	-9.000	-9.000	-9.0000	B026RASA01	-3
44024.0	BALLONA CREEK-REP 2	1084	2/15/94	26.0	-8.0000	-9.000	-9.000	-9.0000	B026RASA01	-3
44024.0	BALLONA CREEK REP3	1085	2/15/94	26.0	0.0003	-9.000	-9.000	-9.0000	B026RASA01	-3
	CONTROL-CH1			30.0	0.0011	-9.000	-9.000	-9.0000	B030RASA01	-3
	CONTROL-CH2			30.0	0.0014	-9.000	-9.000	-9.0000	B030RASA01	-3
	CONTROL-CH3			30.0	0.0024	-9.000	-9.000	-9.0000	B030RASA01	-3
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1189	4/13/94	30.0	0.0024	2.410	0.061	0.0065	B030RASA01	-3

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STANUM	STATION	IDORG	DATE	LEG	RA_OH2S	RA_ITNH3	RA_IUNH3	RA_IH2S	RA_BATCH	RAQC
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1190	4/13/94	30.0	0.0011	-9.000	-9.000	-9.0000	B030RASA01	-3
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1191	4/13/94	30.0	0.0041	-9.000	-9.000	-9.0000	B030RASA01	-3
40018.3	LONG BEACH OUTER HAR.-18-REP 1	1192	4/12/94	30.0	0.0032	1.970	0.015	0.0251	B030RASA01	-3
40018.3	LONG BEACH OUTER HAR.-18-REP 2	1193	4/12/94	30.0	0.0039	-9.000	-9.000	-9.0000	B030RASA01	-3
40018.3	LONG BEACH OUTER HAR.-18-REP 3	1194	4/12/94	30.0	0.0017	-9.000	-9.000	-9.0000	B030RASA01	-3
44055.0	L.B. NAVAL STN.-PIER 3-REP 1	1198	4/12/94	30.0	0.0013	4.600	0.015	0.0431	B030RASA01	-3
44055.0	L.B. NAVAL STN.-PIER 3-REP 2	1199	4/12/94	30.0	0.0013	-9.000	-9.000	-9.0000	B030RASA01	-3
44055.0	L.B. NAVAL STN.-PIER 3-REP 3	1200	4/12/94	30.0	0.0005	-9.000	-9.000	-9.0000	B030RASA01	-3
44023.0	CHANNEL ISLANDS HARBOR-REP 1	1207	4/13/94	30.0	0.0014	14.000	0.163	0.0152	B030RASA01	-3
44023.0	CHANNEL ISLANDS HARBOR-REP 2	1208	4/13/94	30.0	0.0030	-9.000	-9.000	-9.0000	B030RASA01	-3
44023.0	CHANNEL ISLANDS HARBOR-REP 3	1209	4/13/94	30.0	0.0020	-9.000	-9.000	-9.0000	B030RASA01	-3
44027.0	MCGRATH LAKE ESTUARY-REP 1	1210	4/13/94	30.0	0.0018	20.400	0.190	0.0397	B030RASA01	-3
44027.0	MCGRATH LAKE ESTUARY-REP 2	1211	4/13/94	30.0	0.0038	-9.000	-9.000	-9.0000	B030RASA01	-3
44027.0	MCGRATH LAKE ESTUARY-REP 3	1212	4/13/94	30.0	0.0012	-9.000	-9.000	-9.0000	B030RASA01	-3
44054.0	MUGU/ENTRANCE-REP 1	1213	4/14/94	30.0	0.0008	9.200	0.173	0.0047	B030RASA01	-3
44054.0	MUGU/ENTRANCE-REP 2	1214	4/14/94	30.0	0.0024	-9.000	-9.000	-9.0000	B030RASA01	-3
44054.0	MUGU/ENTRANCE-REP 3	1215	4/14/94	30.0	0.0016	-9.000	-9.000	-9.0000	B030RASA01	-3
44053.0	MUGU/OXNARD DITCH #1-REP 1	1216	4/14/94	30.0	0.0055	14.000	0.119	0.0175	B030RASA01	-3
44053.0	MUGU/OXNARD DITCH #1-REP 2	1217	4/14/94	30.0	0.0045	-9.000	-9.000	-9.0000	B030RASA01	-3
44053.0	MUGU/OXNARD DITCH #1-REP 3	1218	4/14/94	30.0	0.0052	-9.000	-9.000	-9.0000	B030RASA01	-3
	CONTROL-CH2			32.0	0.0027	-8.000	-8.000	-8.0000	B032RASA01	-3
	CONTROL-CH3			32.0	0.0037	-8.000	-8.000	-8.0000	B032RASA01	-3
	CONTROL-CH1			32.0	0.0042	-8.000	-8.000	-8.0000	B032RASA01	-3
40010.1	OFF CABRILLO BEACH	1331	5/19/94	32.0	0.0032	1.400	0.005	0.0187	B032RASA01	-3
40010.2	OFF CABRILLO BEACH	1332	5/19/94	32.0	0.0029	4.900	0.025	0.0049	B032RASA01	-3
40010.3	OFF CABRILLO BEACH	1333	5/19/94	32.0	0.0025	1.600	0.005	0.0114	B032RASA01	-3
40018.3	LONG BEACH OUTER HAR.-18	1334	5/19/94	32.0	0.0024	2.700	0.008	0.0270	B032RASA01	-3
	CONTROL-C1			45.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
	CONTROL-C2			45.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
46001.0	HUGO NEUPROLER- #1	1623	6/20/96	45.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
46002.0	HUGO NEUPROLER- #2	1624	6/20/96	45.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
46003.0	HUGO NEUPROLER- #3	1625	6/20/96	45.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44012.0	PORT HUENEME-WHARF B	1626	6/19/96	45.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44013.0	PORT HUENEME-WHARF #1	1627	6/19/96	45.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44027.0	MCGRATH LAKE ESTUARY	1628	6/19/96	45.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44054.0	MUGU/ENTRANCE-REP 1	1629	6/19/96	45.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44014.0	MARINA DEL REY	1630	6/19/96	45.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9

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STANUM	STATION	IDORG	DATE	LEG	RA_OH2S	RA_ITNH3	RA_IUNH3	RA_IH2S	RA_BATCH	RAQC
44020.0	SHORELINE MARINA	1631	6/20/96	45.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
44012.0	SOUTHEAST BASIN	1632	6/20/96	45.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
	CONTROL-C1			46.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
47001.0	CONSOLIDATED SLIP-198-SURFACE	1647	7/17/96	46.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
47001.0	CONSOLIDATED SLIP-198-DEPTH 2	1648	7/17/96	46.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
47002.0	CONSOLIDATED SLIP-200-SURFACE	1650	7/17/96	46.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
47002.0	CONSOLIDATED SLIP-200-DEPTH 2	1651	7/17/96	46.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
47003.0	CONSOLIDATED SLIP-200B-SURFACE	1653	7/17/96	46.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
47003.0	CONSOLIDATED SLIP-200B-DEPTH 2	1654	7/17/96	46.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
47004.0	CONSOLIDATED SLIP-200E-SURFACE	1656	7/17/96	46.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
47004.0	CONSOLIDATED SLIP-200E-DEPTH 2	1657	7/17/96	46.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
47005.0	CONSOLIDATED SLIP-200T-SURFACE	1659	7/17/96	46.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
47005.0	CONSOLIDATED SLIP-200T-DEPTH 2	1660	7/17/96	46.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
47005.0	CONSOLIDATED SLIP-200T-DEPTH 3	1661	7/17/96	46.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
47006.0	CONSOLIDATED SLIP-END-SURFACE	1662	7/18/96	46.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
47006.0	CONSOLIDATED SLIP-STORM DRAIN	1663	7/18/96	46.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
47006.0	CONSOLIDATED SLIP-200G-SURFACE	1664	7/18/96	46.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
47007.0	DOMINGUEZ-H. FORD BRIDGE-SURFC	1665	7/18/96	46.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
	CONTROL-C1			48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
48001.0	MARINA DEL REY - A1 (X1)	1686	2/5/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
48002.0	MARINA DEL REY - A2 (X2)	1687	2/5/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
48003.0	MARINA DEL REY - B1 (X1)	1688	2/5/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
48004.0	MARINA DEL REY - B2 (X1)	1689	2/5/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
48005.0	MARINA DEL REY - C1 (X1)	1690	2/5/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
48006.0	SHORELINE MARINA A1 (X1)	1691	2/4/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
48007.0	SHORELINE MARINA B1 (X1)	1692	2/4/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
48008.0	SHORELINE MARINA C1 (X1)	1693	2/4/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
48009.0	SAN PEDRO BAY OUTER HARBOR	1694	2/4/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40018.3	LONG BEACH OUTER HARBOR - 18	1695	2/4/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40020.2	LONG BEACH OUTER HARBOR - 20	1696	2/4/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
48010.0	TURNING BASIN	1697	2/4/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40015.1	FISH HARBOR ENTRANCE	1698	2/4/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40009.0	WEST BASIN ENTRANCE	1699	2/4/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
48011.0	KING HARBOR	1700	2/5/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40023.1	ALAMITOS BAY-LONG BEACH MARINA	1701	2/4/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
48012.0	CHANNEL IS. HARBOR - FRONT	1702	2/3/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
48013.0	WEST MUGU LAGOON - A1 (X2)	1703	2/6/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9

Rhepoxynius abronius Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	RA_OH2S	RA_ITNH3	RA_IUNH3	RA_IH2S	RA_BATCH	RAQC
48014.0	WEST MUGU LAGOON - A2 (X3)	1704	2/6/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
48015.0	CENTRAL MUGU LAGOON - B1 (X4)	1705	2/6/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
48016.0	CENTRAL MUGU LAGOON - B2 (X3)	1706	2/6/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
48017.0	EAST MUGU LAGOON - C1 (X1)	1707	2/6/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
48018.0	EAST MUGU LAGOON - C2 (X2)	1708	2/6/97	48.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
	CONTROL-C1			53.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
48009.0	SAN PEDRO BAY OUTER HARBOR	1769	5/13/97	53.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40018.0	LONG BEACH OUTER HARBOR 18	1770	5/13/97	53.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40020.0	LONG BEACH OUTER HARBOR 20	1771	5/13/97	53.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
48010.0	TURNING BASIN	1772	5/13/97	53.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40015.0	FISH HARBOR ENTRANCE	1773	5/13/97	53.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40009.0	WEST BASIN ENTRANCE	1774	5/13/97	53.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
48011.0	KING HARBOR	1775	5/12/97	53.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
40023.0	ALAMITOS BAY-LONG BEACH MARINA	1776	5/13/97	53.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
48012.0	CHANNEL IS. HARBOR - FRONT	1777	5/12/97	53.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
49001.0	CABRILLO BEACH PIER - WEST	1778	5/13/97	53.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
49002.0	CABRILLO BEACH PIER - CENTRAL	1779	5/13/97	53.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
49003.0	CABRILLO BEACH PIER - EAST	1780	5/13/97	53.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
	CONTROL-C1			54.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
49004.0	KAISER INTL.- BERTH 49	1793	8/21/97	54.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9
49005.0	KAISER INTL.- BERTH 48	1794	8/21/97	54.0	-9.0000	-9.000	-9.000	-9.0000	-9	-9

Section 2

Eohaustorius estuarius Survival in Sediment

Eohaustorius estuarius Survival Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	EE_MN	EE_SD	EE_SG	EE_TOX	EE_BATCH	EEQC	EE_OTNH3	EE_OUNH3	EE_OH2S
44016.0	MUGU LAGOON	616	1/12/93	11.0	66.00	11.40	*	T	-9	-9	-9.000	0.004	-9.0000
44017.0	COLORADO LAGOON	617	1/14/93	11.0	5.00	8.70	*	T	-9	-9	-9.000	0.271	-9.0000
44018.0	MALIBU LAGOON	618	1/13/93	11.0	87.00	9.10	*	NT	-9	-9	-9.000	0.126	-9.0000
44020.0	SHORELINE MARINA	620	1/14/93	11.0	-9.00	-9.00	-9	-9	-9	-9	-9.000	-9.000	-9.0000
44021.0	VENTURA MARINA	621	1/13/93	11.0	-9.00	-9.00	-9	-9	-9	-9	-9.000	-9.000	-9.0000
44023.0	CHANNEL ISLANDS HARBOR	623	1/13/93	11.0	-9.00	-9.00	-9	-9	-9	-9	-9.000	-9.000	-9.0000
44024.0	BALLONA CREEK	624	1/14/93	11.0	-9.00	-9.00	-9	-9	-9	-9	-9.000	-9.000	-9.0000
44026.0	SIM'S POND	626	1/14/93	11.0	91.00	12.40	ns	NT	-9	-9	-9.000	0.068	-9.0000
44027.0	MCGRATH LAKE ESTUARY	627	1/13/93	11.0	-9.00	-9.00	-9	-9	-9	-9	-9.000	-9.000	-9.0000
44050.0	CALLEGUS/OXNARD DITCH #3	651	1/12/93	11.0	71.00	6.50	*	T	-9	-9	-9.000	0.005	-9.0000
44051.0	MUGU/MAIN LAGOON	652	1/12/93	11.0	-9.00	-9.00	-9	-9	-9	-9	-9.000	-9.000	-9.0000
44052.0	MUGU/WESTERN ARM	653	1/12/93	11.0	-9.00	-9.00	-9	-9	-9	-9	-9.000	-9.000	-9.0000
44053.0	MUGU/OXNARD DITCH #1	654	1/12/93	11.0	-9.00	-9.00	-9	-9	-9	-9	-9.000	-9.000	-9.0000
44054.0	MUGU/ENTRANCE	655	1/12/93	11.0	-9.00	-9.00	-9	-9	-9	-9	-9.000	-9.000	-9.0000
44022.0	VENTURA RIVER ESTUARY	622	2/10/93	13.0	97.00	2.70	*	NT	-9	-9	-9.000	0.006	-9.0000
44025.0	SANTA CLARA RIVER ESTUARY	625	2/10/93	13.0	99.00	2.20	ns	NT	-9	-9	-9.000	0.002	-9.0000
	CONTROL-C1			45.0	99.00	2.00	-9	-9	l45tee.xls	-4	0.350	0.011	-9.0000
	CONTROL-C2			45.0	-9.00	-9.00	-9	-9	-9	-9	-9.000	-9.000	-9.0000
46001.0	HUGO NEUPROLER- #1	1623	6/20/96	45.0	95.00	6.00	ns	NT	l45tee.xls	-4	1.400	0.025	-9.0000
46002.0	HUGO NEUPROLER- #2	1624	6/20/96	45.0	98.00	3.00	ns	NT	l45tee.xls	-4	0.430	0.010	-9.0000
46003.0	HUGO NEUPROLER- #3	1625	6/20/96	45.0	92.00	6.00	*	NT	l45tee.xls	-3	2.000	0.077	-9.0000
44012.0	PORT HUENEME-WHARF B	1626	6/19/96	45.0	98.00	4.00	ns	NT	l45tee.xls	-4	3.200	0.147	-9.0000
44013.0	PORT HUENEME-WHARF #1	1627	6/19/96	45.0	99.00	2.00	ns	NT	l45tee.xls	-4	3.800	0.183	-9.0000
44027.0	MCGRATH LAKE ESTUARY	1628	6/19/96	45.0	81.00	9.00	*	NT	l45tee.xls	-4	0.570	0.016	-9.0000
44054.0	MUGU/ENTRANCE-REP 1	1629	6/19/96	45.0	99.00	2.00	ns	NT	l45tee.xls	-4	7.400	0.462	-9.0000
44014.0	MARINA DEL REY	1630	6/19/96	45.0	92.00	13.00	ns	NT	l45tee.xls	-4	0.650	0.015	-9.0000
44020.0	SHORELINE MARINA	1631	6/20/96	45.0	90.00	8.00	*	NT	l45tee.xls	-3	2.700	0.418	-9.0000
44012.0	SOUTHEAST BASIN	1632	6/20/96	45.0	99.00	2.00	ns	NT	l45tee.xls	-3	2.400	0.090	-9.0000
	CONTROL-C1			46.0	99.00	2.00	-9	-9	l46tee.xls	-4	0.660	0.019	-9.0000
47001.0	CONSOLIDATED SLIP-198-SURFACE	1647	7/17/96	46.0	61.00	19.00	*	T	l46tee.xls	-4	2.700	0.047	-9.0000
47001.0	CONSOLIDATED SLIP-198-DEPTH 2	1648	7/17/96	46.0	64.00	13.00	*	T	l46tee.xls	-4	7.900	0.311	-9.0000
47002.0	CONSOLIDATED SLIP-200-SURFACE	1650	7/17/96	46.0	54.00	7.00	*	T	l46tee.xls	-4	2.600	0.506	-9.0000
47002.0	CONSOLIDATED SLIP-200-DEPTH 2	1651	7/17/96	46.0	86.00	4.00	*	NT	l46tee.xls	-4	3.100	0.109	-9.0000
47003.0	CONSOLIDATED SLIP-200B-SURFACE	1653	7/17/96	46.0	70.00	7.00	*	T	l46tee.xls	-4	1.800	0.344	-9.0000
47003.0	CONSOLIDATED SLIP-200B-DEPTH 2	1654	7/17/96	46.0	8.00	12.00	*	T	l46tee.xls	-4	19.000	0.749	-9.0000
47004.0	CONSOLIDATED SLIP-200E-SURFACE	1656	7/17/96	46.0	40.00	27.00	*	T	l46tee.xls	-4	7.400	0.319	-9.0000
47004.0	CONSOLIDATED SLIP-200E-DEPTH 2	1657	7/17/96	46.0	33.00	23.00	*	T	l46tee.xls	-4	24.000	1.128	-9.0000
47005.0	CONSOLIDATED SLIP-200T-SURFACE	1659	7/17/96	46.0	0.00	0.00	*	T	l46tee.xls	-4	16.000	0.516	-9.0000

Eohaustorius estuarius Survival Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	EE_MN	EE_SD	EE_SG	EE_TOX	EE_BATCH	EEQC	EE_OTNH3	EE_OUNH3	EE_OH2S
47005.0	CONSOLIDATED SLIP-200T-DEPTH 2	1660	7/17/96	46.0	18.00	40.00	*	T	146tee.xls	-4	54.000	2.274	-9.0000
47005.0	CONSOLIDATED SLIP-200T-DEPTH 3	1661	7/17/96	46.0	13.00	29.00	*	T	146tee.xls	-3	81.000	2.794	-9.0000
47006.0	CONSOLIDATED SLIP-END-SURFACE	1662	7/18/96	46.0	65.00	15.00	*	T	146tee.xls	-4	6.600	0.228	-9.0000
47006.0	CONSOLIDATED SLIP-STORM DRAIN	1663	7/18/96	46.0	52.00	21.00	*	T	146tee.xls	-3	1.400	0.221	-9.0000
47006.0	CONSOLIDATED SLIP-200G-SURFACE	1664	7/18/96	46.0	50.00	20.00	*	T	146tee.xls	-3	7.900	0.166	-9.0000
47007.0	DOMINGUEZ-H. FORD BRIDGE-SURFC	1665	7/18/96	46.0	61.00	21.00	*	T	146tee.xls	-3	8.100	0.911	-9.0000
	CONTROL-C1			48.0	97.00	3.00	-9	-9	148tee	-4	-8.000	-8.000	-9.0000
48001.0	MARINA DEL REY - A1 (X1)	1686	2/5/97	48.0	49.00	29.00	*	T	148tee	-4	0.170	0.001	-9.0000
48002.0	MARINA DEL REY - A2 (X2)	1687	2/5/97	48.0	65.00	6.00	*	T	148tee	-4	1.700	0.047	-9.0000
48003.0	MARINA DEL REY - B1 (X1)	1688	2/5/97	48.0	51.00	27.00	*	T	148tee	-4	0.530	0.014	-9.0000
48004.0	MARINA DEL REY - B2 (X1)	1689	2/5/97	48.0	89.00	7.00	*	NT	148tee	-4	0.410	0.008	-9.0000
48005.0	MARINA DEL REY - C1 (X1)	1690	2/5/97	48.0	77.00	3.00	*	NT	148tee	-4	1.300	0.041	-9.0000
48006.0	SHORELINE MARINA A1 (X1)	1691	2/4/97	48.0	80.00	0.00	*	NT	148tee	-4	0.450	0.016	-9.0000
48007.0	SHORELINE MARINA B1 (X1)	1692	2/4/97	48.0	71.00	35.00	ns	NT	148tee	-4	0.370	0.022	-9.0000
48008.0	SHORELINE MARINA C1 (X1)	1693	2/4/97	48.0	91.00	7.00	ns	NT	148tee	-4	0.210	0.005	-9.0000
48009.0	SAN PEDRO BAY OUTER HARBOR	1694	2/4/97	48.0	96.00	4.00	ns	NT	148tee	-4	0.200	0.005	-9.0000
40018.3	LONG BEACH OUTER HARBOR - 18	1695	2/4/97	48.0	75.00	23.00	ns	NT	148tee	-4	0.190	0.006	-9.0000
40020.2	LONG BEACH OUTER HARBOR - 20	1696	2/4/97	48.0	81.00	15.00	*	NT	148tee	-4	0.290	0.007	-9.0000
48010.0	TURNING BASIN	1697	2/4/97	48.0	95.00	5.00	ns	NT	148tee	-4	2.800	0.077	-9.0000
40015.1	FISH HARBOR ENTRANCE	1698	2/4/97	48.0	89.00	10.00	ns	NT	148tee	-4	1.100	0.036	-9.0000
40009.0	WEST BASIN ENTRANCE	1699	2/4/97	48.0	86.00	7.00	*	NT	148tee	-3	0.480	0.016	-9.0000
48011.0	KING HARBOR	1700	2/5/97	48.0	77.00	30.00	ns	NT	148tee	-4	4.200	0.165	-9.0000
40023.1	ALAMITOS BAY-LONG BEACH MARINA	1701	2/4/97	48.0	81.00	10.00	*	NT	148tee	-4	6.300	0.130	-9.0000
48012.0	CHANNEL IS. HARBOR - FRONT	1702	2/3/97	48.0	79.00	10.00	*	NT	148tee	-4	0.410	0.008	-9.0000
48013.0	WEST MUGU LAGOON - A1 (X2)	1703	2/6/97	48.0	87.00	10.00	*	NT	148tee	-4	3.300	0.152	-9.0000
48014.0	WEST MUGU LAGOON - A2 (X3)	1704	2/6/97	48.0	89.00	7.00	*	NT	148tee	-4	7.800	0.391	-9.0000
48015.0	CENTRAL MUGU LAGOON - B1 (X4)	1705	2/6/97	48.0	17.00	13.00	*	T	148tee	-4	3.300	0.289	-9.0000
48016.0	CENTRAL MUGU LAGOON - B2 (X3)	1706	2/6/97	48.0	85.00	8.00	*	NT	148tee	-3	4.000	0.239	-9.0000
48017.0	EAST MUGU LAGOON - C1 (X1)	1707	2/6/97	48.0	78.00	9.00	*	NT	148tee	-4	10.000	0.412	-9.0000
48018.0	EAST MUGU LAGOON - C2 (X2)	1708	2/6/97	48.0	84.00	4.00	*	NT	148tee	-3	16.000	0.786	-9.0000
	CONTROL-C1			53.0	99.00	2.00	-9	-9	153tee	-4	0.110	0.003	-9.0000
48009.0	SAN PEDRO BAY OUTER HARBOR	1769	5/13/97	53.0	85.00	10.00	*	NT	153tee	-4	1.300	0.039	-9.0000
40018.0	LONG BEACH OUTER HARBOR 18	1770	5/13/97	53.0	59.00	30.00	*	T	153tee	-4	0.510	0.011	-9.0000
40020.0	LONG BEACH OUTER HARBOR 20	1771	5/13/97	53.0	85.00	13.00	*	NT	153tee	-4	1.600	0.038	-9.0000
48010.0	TURNING BASIN	1772	5/13/97	53.0	69.00	43.00	ns	NT	153tee	-4	3.300	0.083	-9.0000
40015.0	FISH HARBOR ENTRANCE	1773	5/13/97	53.0	72.00	19.00	*	T	153tee	-4	1.600	0.038	-9.0000
40009.0	WEST BASIN ENTRANCE	1774	5/13/97	53.0	74.00	12.00	*	NT	153tee	-4	1.500	0.015	-9.0000

Eohaustorius estuarius Survival Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	EE_MN	EE_SD	EE_SG	EE_TOX	EE_BATCH	EEQC	EE_OTNH3	EE_OUNH3	EE_OH2S
48011.0	KING HARBOR	1775	5/12/97	53.0	26.00	34.00	*	T	153tee	-4	3.200	0.150	-9.0000
40023.0	ALAMITOS BAY-LONG BEACH MARINA	1776	5/13/97	53.0	75.00	14.00	*	NT	153tee	-4	5.900	0.163	-9.0000
48012.0	CHANNEL IS. HARBOR - FRONT	1777	5/12/97	53.0	58.00	35.00	*	T	153tee	-3	3.500	0.172	-9.0000
49001.0	CABRILLO BEACH PIER - WEST	1778	5/13/97	53.0	-9.00	-9.00	-9	-9	-9	-9	-9.000	-9.000	-9.0000
49002.0	CABRILLO BEACH PIER - CENTRAL	1779	5/13/97	53.0	-9.00	-9.00	-9	-9	-9	-9	-9.000	-9.000	-9.0000
49003.0	CABRILLO BEACH PIER - EAST	1780	5/13/97	53.0	-9.00	-9.00	-9	-9	-9	-9	-9.000	-9.000	-9.0000
	CONTROL-C1			54.0	94.00	8.00	-9	-9	154tee	-4	2.000	0.059	-9.0000
49004.0	KAISER INTL.- BERTH 49	1793	8/21/97	54.0	84.00	5.00	*	NT	154tee	-3	1.300	0.049	-9.0000
49005.0	KAISER INTL.- BERTH 48	1794	8/21/97	54.0	96.00	4.00	ns	NT	154tee	-4	1.700	0.070	-9.0000

Eohaustorius estuarius Survival Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	EE_ITNH3	EE_IUNH3	EE_IH2S
44016.0	MUGU LAGOON	616	1/12/93	11.0	-9.000	-9.000	-9.0000
44017.0	COLORADO LAGOON	617	1/14/93	11.0	-9.000	-9.000	-9.0000
44018.0	MALIBU LAGOON	618	1/13/93	11.0	-9.000	-9.000	-9.0000
44020.0	SHORELINE MARINA	620	1/14/93	11.0	-9.000	-9.000	-9.0000
44021.0	VENTURA MARINA	621	1/13/93	11.0	-9.000	-9.000	-9.0000
44023.0	CHANNEL ISLANDS HARBOR	623	1/13/93	11.0	-9.000	-9.000	-9.0000
44024.0	BALLONA CREEK	624	1/14/93	11.0	-9.000	-9.000	-9.0000
44026.0	SIM'S POND	626	1/14/93	11.0	-9.000	-9.000	-9.0000
44027.0	MCGRATH LAKE ESTUARY	627	1/13/93	11.0	-9.000	-9.000	-9.0000
44050.0	CALLEGUS/OXNARD DITCH #3	651	1/12/93	11.0	-9.000	-9.000	-9.0000
44051.0	MUGU/MAIN LAGOON	652	1/12/93	11.0	-9.000	-9.000	-9.0000
44052.0	MUGU/WESTERN ARM	653	1/12/93	11.0	-9.000	-9.000	-9.0000
44053.0	MUGU/OXNARD DITCH #1	654	1/12/93	11.0	-9.000	-9.000	-9.0000
44054.0	MUGU/ENTRANCE	655	1/12/93	11.0	-9.000	-9.000	-9.0000
44022.0	VENTURA RIVER ESTUARY	622	2/10/93	13.0	-9.000	-9.000	-9.0000
44025.0	SANTA CLARA RIVER ESTUARY	625	2/10/93	13.0	-9.000	-9.000	-9.0000
	CONTROL-C1			45.0	-9.000	-9.000	-9.0000
	CONTROL-C2			45.0	-9.000	-9.000	-9.0000
46001.0	HUGO NEUPROLER- #1	1623	6/20/96	45.0	7.300	0.039	0.0190
46002.0	HUGO NEUPROLER- #2	1624	6/20/96	45.0	7.000	0.039	0.0342
46003.0	HUGO NEUPROLER- #3	1625	6/20/96	45.0	8.100	0.060	0.0103
44012.0	PORT HUENEME-WHARF B	1626	6/19/96	45.0	34.000	0.215	0.0267
44013.0	PORT HUENEME-WHARF #1	1627	6/19/96	45.0	26.000	0.135	0.0258
44027.0	MCGRATH LAKE ESTUARY	1628	6/19/96	45.0	5.200	0.128	0.0059
44054.0	MUGU/ENTRANCE-REP 1	1629	6/19/96	45.0	51.000	0.797	0.0259
44014.0	MARINA DEL REY	1630	6/19/96	45.0	2.800	0.044	0.0091
44020.0	SHORELINE MARINA	1631	6/20/96	45.0	7.900	0.099	0.0677
44012.0	SOUTHEAST BASIN	1632	6/20/96	45.0	7.800	0.046	0.0161
	CONTROL-C1			46.0	-9.000	-9.000	-9.0000
47001.0	CONSOLIDATED SLIP-198-SURFACE	1647	7/17/96	46.0	5.500	0.050	0.0458
47001.0	CONSOLIDATED SLIP-198-DEPTH 2	1648	7/17/96	46.0	29.000	0.748	0.0193
47002.0	CONSOLIDATED SLIP-200-SURFACE	1650	7/17/96	46.0	9.700	0.113	0.1147
47002.0	CONSOLIDATED SLIP-200-DEPTH 2	1651	7/17/96	46.0	16.000	0.472	0.0314
47003.0	CONSOLIDATED SLIP-200B-SURFACE	1653	7/17/96	46.0	12.000	0.097	0.0864
47003.0	CONSOLIDATED SLIP-200B-DEPTH 2	1654	7/17/96	46.0	28.000	0.773	0.2669
47004.0	CONSOLIDATED SLIP-200E-SURFACE	1656	7/17/96	46.0	25.000	0.147	0.1035
47004.0	CONSOLIDATED SLIP-200E-DEPTH 2	1657	7/17/96	46.0	44.000	0.676	0.1817
47005.0	CONSOLIDATED SLIP-200T-SURFACE	1659	7/17/96	46.0	40.000	0.543	0.1117

Eohaustorius estuarius Survival Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	EE_ITNH3	EE_IUNH3	EE_IH2S
47005.0	CONSOLIDATED SLIP-200T-DEPTH 2	1660	7/17/96	46.0	143.000	1.998	0.1505
47005.0	CONSOLIDATED SLIP-200T-DEPTH 3	1661	7/17/96	46.0	130.000	3.354	0.0804
47006.0	CONSOLIDATED SLIP-END-SURFACE	1662	7/18/96	46.0	13.000	0.117	0.0578
47006.0	CONSOLIDATED SLIP-STORM DRAIN	1663	7/18/96	46.0	3.800	0.055	0.1301
47006.0	CONSOLIDATED SLIP-200G-SURFACE	1664	7/18/96	46.0	22.000	0.257	0.0459
47007.0	DOMINGUEZ-H. FORD BRIDGE-SURFC	1665	7/18/96	46.0	17.000	0.320	0.0745
	CONTROL-C1			48.0	-9.000	-9.000	-9.0000
48001.0	MARINA DEL REY - A1 (X1)	1686	2/5/97	48.0	0.770	0.012	-8.0000
48002.0	MARINA DEL REY - A2 (X2)	1687	2/5/97	48.0	4.800	0.060	-8.0000
48003.0	MARINA DEL REY - B1 (X1)	1688	2/5/97	48.0	1.600	0.017	-8.0000
48004.0	MARINA DEL REY - B2 (X1)	1689	2/5/97	48.0	2.800	0.028	-8.0000
48005.0	MARINA DEL REY - C1 (X1)	1690	2/5/97	48.0	4.600	0.051	-8.0000
48006.0	SHORELINE MARINA A1 (X1)	1691	2/4/97	48.0	2.300	0.021	-8.0000
48007.0	SHORELINE MARINA B1 (X1)	1692	2/4/97	48.0	2.200	0.035	-8.0000
48008.0	SHORELINE MARINA C1 (X1)	1693	2/4/97	48.0	2.300	0.012	-8.0000
48009.0	SAN PEDRO BAY OUTER HARBOR	1694	2/4/97	48.0	2.200	0.028	-8.0000
40018.3	LONG BEACH OUTER HARBOR - 18	1695	2/4/97	48.0	1.900	0.010	-8.0000
40020.2	LONG BEACH OUTER HARBOR - 20	1696	2/4/97	48.0	1.800	0.018	-8.0000
48010.0	TURNING BASIN	1697	2/4/97	48.0	5.600	0.063	-8.0000
40015.1	FISH HARBOR ENTRANCE	1698	2/4/97	48.0	4.800	0.073	-8.0000
40009.0	WEST BASIN ENTRANCE	1699	2/4/97	48.0	1.900	0.020	-8.0000
48011.0	KING HARBOR	1700	2/5/97	48.0	8.400	0.185	-8.0000
40023.1	ALAMITOS BAY-LONG BEACH MARINA	1701	2/4/97	48.0	10.000	0.076	-8.0000
48012.0	CHANNEL IS. HARBOR - FRONT	1702	2/3/97	48.0	3.800	0.025	-8.0000
48013.0	WEST MUGU LAGOON - A1 (X2)	1703	2/6/97	48.0	6.600	0.114	-8.0000
48014.0	WEST MUGU LAGOON - A2 (X3)	1704	2/6/97	48.0	13.000	0.224	-8.0000
48015.0	CENTRAL MUGU LAGOON - B1 (X4)	1705	2/6/97	48.0	6.100	0.032	-8.0000
48016.0	CENTRAL MUGU LAGOON - B2 (X3)	1706	2/6/97	48.0	8.600	0.048	0.0004
48017.0	EAST MUGU LAGOON - C1 (X1)	1707	2/6/97	48.0	12.000	0.236	-8.0000
48018.0	EAST MUGU LAGOON - C2 (X2)	1708	2/6/97	48.0	20.000	0.528	-8.0000
	CONTROL-C1			53.0	-9.000	-9.000	-9.0000
48009.0	SAN PEDRO BAY OUTER HARBOR	1769	5/13/97	53.0	8.500	0.059	0.0357
40018.0	LONG BEACH OUTER HARBOR 18	1770	5/13/97	53.0	4.000	0.032	0.0207
40020.0	LONG BEACH OUTER HARBOR 20	1771	5/13/97	53.0	6.000	0.021	0.0614
48010.0	TURNING BASIN	1772	5/13/97	53.0	12.000	0.085	0.0406
40015.0	FISH HARBOR ENTRANCE	1773	5/13/97	53.0	8.400	0.039	0.0202
40009.0	WEST BASIN ENTRANCE	1774	5/13/97	53.0	5.700	0.031	0.0396

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STANUM	STATION	IDORG	DATE	LEG	EE_ITNH3	EE_IUNH3	EE_IH2S
48011.0	KING HARBOR	1775	5/12/97	53.0	28.000	0.335	0.0394
40023.0	ALAMITOS BAY-LONG BEACH MARINA	1776	5/13/97	53.0	16.000	0.067	0.0933
48012.0	CHANNEL IS. HARBOR - FRONT	1777	5/12/97	53.0	12.000	0.059	0.0518
49001.0	CABRILLO BEACH PIER - WEST	1778	5/13/97	53.0	-9.000	-9.000	-9.0000
49002.0	CABRILLO BEACH PIER - CENTRAL	1779	5/13/97	53.0	-9.000	-9.000	-9.0000
49003.0	CABRILLO BEACH PIER - EAST	1780	5/13/97	53.0	-9.000	-9.000	-9.0000
	CONTROL-C1			54.0	-9.000	-9.000	-9.0000
49004.0	KAISER INTL.- BERTH 49	1793	8/21/97	54.0	12.000	0.221	0.0163
49005.0	KAISER INTL.- BERTH 48	1794	8/21/97	54.0	19.000	0.076	0.1073

Section 3

Haliotis rufescens Larval Shell Development in Subsurface Water

Haliotis rufescens Larval Shell Development Toxicity Test Data for Subsurface Water

STANUM	STATION	IDORG	DATE	LEG	HRS100_MN	HRS100_SD	HRS100_SG	HRS100_TOX	HRS_OUNH3	HRS_OTNH3	HRS_OH2S
44012.0	PORT HUENEME- WHARF B	612	1/13/93	11.0	96.70	0.90	*	NT	-8.000	-9.000	-9.0000
44013.0	PORT HUENEME- WHARF #1	613	1/12/93	11.0	86.10	3.60	ns	NT	0.050	-9.000	-9.0000
44014.0	MARINA DEL REY	614	1/14/93	11.0	96.60	1.70	ns	NT	0.004	-9.000	-9.0000
44016.0	MUGU LAGOON	616	1/12/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44017.0	COLORADO LAGOON	617	1/14/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44018.0	MALIBU LAGOON	618	1/13/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44020.0	SHORELINE MARINA	620	1/14/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44021.0	VENTURA MARINA	621	1/13/93	11.0	99.00	1.00	*	NT	-8.000	-9.000	-9.0000
44023.0	CHANNEL ISLANDS HARBOR	623	1/13/93	11.0	92.50	1.90	*	NT	0.003	-9.000	-9.0000
44024.0	BALLONA CREEK	624	1/14/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44026.0	SIM'S POND	626	1/14/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44027.0	MCGRATH LAKE ESTUARY	627	1/13/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44050.0	CALLEGUS/OXNARD DITCH #3	651	1/12/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44051.0	MUGU/MAIN LAGOON	652	1/12/93	11.0	86.50	5.50	ns	NT	0.003	-9.000	-9.0000
44052.0	MUGU/WESTERN ARM	653	1/12/93	11.0	91.20	2.70	ns	NT	0.003	-9.000	-9.0000
44053.0	MUGU/OXNARD DITCH #1	654	1/12/93	11.0	98.00	1.00	*	NT	-8.000	-9.000	-9.0000

Haliotis rufescens Larval Shell Development Toxicity Test Data for Subsurface Water

STANUM	STATION	IDORG	DATE	LEG	HRS_BATCH	HRSQC
44012.0	PORT HUENEME- WHARF B	612	1/13/93	11.0	-9	-9
44013.0	PORT HUENEME- WHARF #1	613	1/12/93	11.0	-9	-9
44014.0	MARINA DEL REY	614	1/14/93	11.0	-9	-9
44016.0	MUGU LAGOON	616	1/12/93	11.0	-9	-9
44017.0	COLORADO LAGOON	617	1/14/93	11.0	-9	-9
44018.0	MALIBU LAGOON	618	1/13/93	11.0	-9	-9
44020.0	SHORELINE MARINA	620	1/14/93	11.0	-9	-9
44021.0	VENTURA MARINA	621	1/13/93	11.0	-9	-9
44023.0	CHANNEL ISLANDS HARBOR	623	1/13/93	11.0	-9	-9
44024.0	BALLONA CREEK	624	1/14/93	11.0	-9	-9
44026.0	SIM'S POND	626	1/14/93	11.0	-9	-9
44027.0	MCGRATH LAKE ESTUARY	627	1/13/93	11.0	-9	-9
44050.0	CALLEGUS/OXNARD DITCH #3	651	1/12/93	11.0	-9	-9
44051.0	MUGU/MAIN LAGOON	652	1/12/93	11.0	-9	-9
44052.0	MUGU/WESTERN ARM	653	1/12/93	11.0	-9	-9
44053.0	MUGU/OXNARD DITCH #1	654	1/12/93	11.0	-9	-9

Section 4

Haliotis rufescens Larval Shell Development in Porewater

Haliotis rufescens Larval Shell Development Toxicity Test Data for Porewater

STANUM	STATION	IDORG	DATE	LEG	HRP100_MN	HRP100_SD	HRP100_SG	HRP100_TOX	HRP50_MN	HRP50_SD	HRP50_SG
40001.1	SOUTHWEST SLIP	1	7/29/92	1.0	72.30	15.90	ns	NT	92.50	2.90	ns
40001.2	SOUTHWEST SLIP	2	7/29/92	1.0	81.40	7.90	*	NT	86.60	8.40	ns
40001.3	SOUTHWEST SLIP	3	7/29/92	1.0	0.70	0.60	*	T	40.70	24.20	*
40002.1	WEST BASIN- PIER 143	4	7/30/92	1.0	0.00	0.00	*	T	1.40	1.20	*
40002.2	WEST BASIN- PIER 143	5	7/30/92	1.0	0.00	0.00	*	T	0.00	0.00	*
40002.3	WEST BASIN- PIER 143	6	7/30/92	1.0	0.00	0.00	*	T	0.00	0.00	*
40003.1	TURNING BASIN- PIER 151	7	7/31/92	1.0	0.00	0.00	*	T	63.20	24.10	ns
40003.2	TURNING BASIN- PIER 151	8	7/31/92	1.0	1.50	2.60	*	T	97.90	1.40	ns
40003.3	TURNING BASIN- PIER 151	9	7/31/92	1.0	23.30	38.70	*	T	93.40	5.20	ns
40004.1	LOWER MAIN CHANNEL	10	7/29/92	1.0	26.20	33.50	*	T	93.30	0.70	ns
40004.2	LOWER MAIN CHANNEL	11	7/29/92	1.0	69.10	29.80	ns	NT	94.60	0.90	ns
40004.3	LOWER MAIN CHANNEL	12	7/29/92	1.0	78.70	28.20	ns	NT	91.30	2.90	ns
40005.1	EAST BASIN- TURNING BASIN	13	7/30/92	1.0	0.00	0.00	*	T	41.90	42.10	ns
40005.2	EAST BASIN- TURNING BASIN	14	7/30/92	1.0	0.70	1.30	*	T	88.60	4.60	ns
40005.3	EAST BASIN- TURNING BASIN	15	7/30/92	1.0	0.00	0.00	*	T	54.00	9.40	*
40006.1	CONSOLIDATED SLIP	16	7/31/92	1.0	0.00	0.00	*	T	90.30	4.50	ns
40006.2	CONSOLIDATED SLIP	17	7/31/92	1.0	0.00	0.00	*	T	0.00	0.00	*
40006.3	CONSOLIDATED SLIP	18	7/31/92	1.0	0.00	0.00	*	T	0.70	1.20	*
40032.1	SAN PEDRO BAY- POLA 19	79	7/30/92	1.0	65.70	23.90	ns	NT	89.90	4.50	ns
40032.2	SAN PEDRO BAY- POLA 19	80	7/30/92	1.0	30.70	53.10	ns	NT	19.90	34.50	*
40032.3	SAN PEDRO BAY- POLA 19	81	7/30/92	1.0	0.00	0.00	*	T	15.00	7.80	*
40033.1	OUTER HARBOR- POLA 10	82	7/30/92	1.0	0.70	1.30	*	T	0.00	0.00	*
40033.2	OUTER HARBOR- POLA 10	83	7/30/92	1.0	8.80	10.20	*	T	86.50	10.80	ns
40033.3	OUTER HARBOR- POLA 10	84	7/30/92	1.0	3.30	5.70	*	T	93.60	5.60	ns
40008.1	EAST BASIN- PIER C	22	8/18/92	2.0	93.10	1.30	ns	NT	0.30	0.50	*
40008.2	EAST BASIN- PIER C	23	8/18/92	2.0	2.80	2.50	*	T	95.20	2.80	ns
40008.3	EAST BASIN- PIER C	24	8/18/92	2.0	0.00	0.00	*	T	93.20	3.70	ns
40009.1	WEST BASIN ENTRANCE	25	8/18/92	2.0	1.10	1.10	*	T	95.30	1.60	ns
40009.2	WEST BASIN ENTRANCE	26	8/18/92	2.0	0.00	0.00	*	T	95.70	2.50	ns
40009.3	WEST BASIN ENTRANCE	27	8/18/92	2.0	0.00	0.00	*	T	96.80	0.60	ns
40010.1	OFF CABRILLO BEACH	28	8/18/92	2.0	92.70	3.40	ns	NT	96.40	1.20	ns
40010.2	OFF CABRILLO BEACH	29	8/18/92	2.0	93.80	1.80	ns	NT	96.70	2.90	ns
40010.3	OFF CABRILLO BEACH	30	8/18/92	2.0	95.60	2.40	ns	NT	93.00	0.70	ns
40012.1	SOUTHEAST BASIN	34	8/18/92	2.0	23.50	37.40	*	T	94.20	4.60	ns
40012.2	SOUTHEAST BASIN	35	8/18/92	2.0	94.30	2.20	ns	NT	96.80	0.60	ns
40012.3	SOUTHEAST BASIN	36	8/18/92	2.0	7.50	12.20	*	T	62.50	50.40	ns
40015.1	FISH HARBOR ENTRANCE	43	8/19/92	2.0	51.30	24.00	*	T	97.90	2.20	ns
40015.2	FISH HARBOR ENTRANCE	44	8/19/92	2.0	34.90	21.30	*	T	95.90	0.30	ns
40015.3	FISH HARBOR ENTRANCE	45	8/19/92	2.0	9.80	9.50	*	T	95.80	0.80	ns
40016.1	TERMINAL ISLAND STP	46	8/18/92	2.0	91.60	2.50	*	NT	97.70	1.40	ns

Haliotis rufescens Larval Shell Development Toxicity Test Data for Porewater

STANUM	STATION	IDORG	DATE	LEG	HRP100_MN	HRP100_SD	HRP100_SG	HRP100_TOX	HRP50_MN	HRP50_SD	HRP50_SG
40016.2	TERMINAL ISLAND STP	47	8/18/92	2.0	71.20	27.10	ns	NT	96.90	0.90	ns
40016.3	TERMINAL ISLAND STP	48	8/18/92	2.0	94.50	1.40	ns	NT	96.60	0.50	ns
40019.1	INNER FISH HARBOR	55	8/19/92	2.0	0.00	0.00	*	T	0.00	0.00	*
40019.2	INNER FISH HARBOR	56	8/19/92	2.0	88.60	6.10	ns	NT	95.80	1.60	ns
40019.3	INNER FISH HARBOR	57	8/19/92	2.0	0.00	0.00	*	T	0.00	0.00	*
40030.1	SAN PEDRO BREAKWATER	73	8/19/92	2.0	0.00	0.00	*	T	0.00	0.00	*
40030.2	SAN PEDRO BREAKWATER	74	8/19/92	2.0	0.00	0.00	*	T	48.50	14.00	*
40030.3	SAN PEDRO BREAKWATER	75	8/19/92	2.0	0.00	0.00	*	T	59.50	25.30	ns
40032.1	SAN PEDRO BAY- POLA 19	103	8/19/92	2.0	0.00	0.00	*	T	11.00	17.20	*
40032.2	SAN PEDRO BAY- POLA 19	104	8/19/92	2.0	0.00	0.00	*	T	16.30	23.80	*
40032.3	SAN PEDRO BAY- POLA 19	105	8/19/92	2.0	0.00	0.00	*	T	0.00	0.00	*
40007.1	LONG BEACH HARBOR- CHANNEL 2	19	9/1/92	3.0	0.00	0.00	*	T	91.60	4.10	ns
40007.2	LONG BEACH HARBOR- CHANNEL 2	20	9/1/92	3.0	0.00	0.00	*	T	0.40	0.70	*
40007.3	LONG BEACH HARBOR- CHANNEL 2	21	9/1/92	3.0	0.00	0.00	*	T	0.40	0.60	*
40011.1	INNER HARBOR- CHANNEL 3	31	9/1/92	3.0	0.00	0.00	*	T	75.10	12.00	ns
40011.2	INNER HARBOR- CHANNEL 3	32	9/1/92	3.0	0.00	0.00	*	T	0.00	0.00	*
40011.3	INNER HARBOR- CHANNEL 3	33	9/1/92	3.0	0.00	0.00	*	T	0.00	0.00	*
40013.1	INNER QUEENSWAY BAY	37	9/2/92	3.0	0.00	0.00	*	T	89.40	0.80	ns
40013.2	INNER QUEENSWAY BAY	38	9/2/92	3.0	0.00	0.00	*	T	87.10	2.10	*
40013.3	INNER QUEENSWAY BAY	39	9/2/92	3.0	5.50	7.70	*	T	90.00	3.20	ns
40014.1	OUTER QUEENSWAY BAY	40	9/2/92	3.0	0.00	0.00	*	T	92.50	5.20	ns
40014.2	OUTER QUEENSWAY BAY	41	9/2/92	3.0	0.00	0.00	*	T	0.00	0.00	*
40014.3	OUTER QUEENSWAY BAY	42	9/2/92	3.0	0.00	0.00	*	T	90.40	5.10	ns
40017.1	LONG BEACH CHANNEL	49	9/2/92	3.0	0.00	0.00	*	T	72.20	8.60	*
40017.2	LONG BEACH CHANNEL	50	9/2/92	3.0	20.60	8.90	*	T	86.80	7.60	ns
40017.3	LONG BEACH CHANNEL	51	9/2/92	3.0	50.70	7.50	*	T	90.20	1.40	ns
40018.1	LONG BEACH OUTER HARBOR- 18	52	9/2/92	3.0	0.00	0.00	*	T	86.90	10.40	ns
40018.2	LONG BEACH OUTER HARBOR- 18	53	9/2/92	3.0	0.00	0.00	*	T	1.10	1.90	*
40018.3	LONG BEACH OUTER HARBOR- 18	54	9/2/92	3.0	92.30	4.40	ns	NT	91.40	2.50	ns
40020.1	LONG BEACH OUTER HARBOR- 20	58	9/2/92	3.0	0.00	0.00	*	T	6.30	11.00	*
40020.2	LONG BEACH OUTER HARBOR- 20	59	9/2/92	3.0	0.00	0.00	*	T	14.60	4.10	*
40020.3	LONG BEACH OUTER HARBOR- 20	60	9/2/92	3.0	24.20	18.30	*	T	88.70	0.60	ns
40031.1	PALOS VERDES- SWARTZ 6	76	9/1/92	3.0	0.00	0.00	*	T	88.10	3.20	ns
40031.2	PALOS VERDES- SWARTZ 6	77	9/1/92	3.0	0.00	0.00	*	T	90.30	3.80	ns
40031.3	PALOS VERDES- SWARTZ 6	78	9/1/92	3.0	55.60	26.70	*	NT	72.00	1.70	*
40021.1	ALAMITOS BAY- MARINE STADIUM	61	9/16/92	4.0	0.40	0.60	*	T	14.70	3.90	*
40021.2	ALAMITOS BAY- MARINE STADIUM	62	9/16/92	4.0	0.00	0.00	*	T	3.10	1.10	*
40021.3	ALAMITOS BAY- MARINE STADIUM	63	9/16/92	4.0	0.00	0.00	*	T	8.10	6.60	*
40022.1	ALAMITOS BAY- ENTRANCE	64	9/15/92	4.0	0.00	0.00	*	T	54.40	10.90	*
40022.2	ALAMITOS BAY- ENTRANCE	65	9/15/92	4.0	0.30	0.50	*	T	0.00	0.00	*

Haliotis rufescens Larval Shell Development Toxicity Test Data for Porewater

STANUM	STATION	IDORG	DATE	LEG	HRP100_MN	HRP100_SD	HRP100_SG	HRP100_TOX	HRP50_MN	HRP50_SD	HRP50_SG
40022.3	ALAMITOS BAY- ENTRANCE	66	9/15/92	4.0	0.30	0.50	*	T	6.60	9.30	*
40023.1	ALAMITOS BAY- LONG BEACH	67	9/16/92	4.0	0.00	0.00	*	T	2.20	3.90	*
40023.2	ALAMITOS BAY- LONG BEACH	68	9/16/92	4.0	0.00	0.00	*	T	0.00	0.00	*
40023.3	ALAMITOS BAY- LONG BEACH	69	9/16/92	4.0	0.00	0.00	*	T	0.00	0.00	*
40010.1	OFF CABRILLO BEACH	136	9/16/92	4.0	1.70	2.90	*	T	2.20	0.90	*
40010.2	OFF CABRILLO BEACH	137	9/16/92	4.0	0.00	0.00	*	T	1.00	1.80	*
40010.3	OFF CABRILLO BEACH	138	9/16/92	4.0	0.00	0.00	*	T	7.10	3.50	*
44020.0	SHORELINE MARINA	620	1/14/93	11.0	0.70	0.70	*	T	-9.00	-9.00	-9
44021.0	VENTURA MARINA	621	1/13/93	11.0	16.50	1.70	*	T	-9.00	-9.00	-9
44051.0	MUGU/MAIN LAGOON	652	1/12/93	11.0	12.30	3.80	*	T	-9.00	-9.00	-9

Haliotis rufescens Larval Shell Development Toxicity Test Data for Porewater

STANUM	STATION	IDORG	DATE	LEG	HRP50_TOX	HRP25_MN	HRP25_SD	HRP25_SG	HRP25_TOX	HRP_IUNH3	HRP_ITNH3
40001.1	SOUTHWEST SLIP	1	7/29/92	1.0	NT	92.80	3.90	ns	NT	0.133	-9.000
40001.2	SOUTHWEST SLIP	2	7/29/92	1.0	NT	72.80	18.90	ns	NT	0.147	-9.000
40001.3	SOUTHWEST SLIP	3	7/29/92	1.0	T	76.50	7.90	*	T	0.188	-9.000
40002.1	WEST BASIN- PIER 143	4	7/30/92	1.0	T	87.70	1.80	*	NT	0.066	-9.000
40002.2	WEST BASIN- PIER 143	5	7/30/92	1.0	T	28.90	27.60	*	T	0.153	-9.000
40002.3	WEST BASIN- PIER 143	6	7/30/92	1.0	T	65.20	23.00	ns	NT	0.234	-9.000
40003.1	TURNING BASIN- PIER 151	7	7/31/92	1.0	NT	88.30	8.80	ns	NT	0.162	-9.000
40003.2	TURNING BASIN- PIER 151	8	7/31/92	1.0	NT	95.80	2.00	ns	NT	0.187	-9.000
40003.3	TURNING BASIN- PIER 151	9	7/31/92	1.0	NT	92.20	6.30	ns	NT	0.157	-9.000
40004.1	LOWER MAIN CHANNEL	10	7/29/92	1.0	NT	93.70	1.20	ns	NT	0.102	-9.000
40004.2	LOWER MAIN CHANNEL	11	7/29/92	1.0	NT	95.20	3.10	ns	NT	0.120	-9.000
40004.3	LOWER MAIN CHANNEL	12	7/29/92	1.0	NT	96.90	1.20	ns	NT	0.113	-9.000
40005.1	EAST BASIN- TURNING BASIN	13	7/30/92	1.0	NT	97.50	2.70	ns	NT	0.076	-9.000
40005.2	EAST BASIN- TURNING BASIN	14	7/30/92	1.0	NT	94.00	3.70	ns	NT	0.083	-9.000
40005.3	EAST BASIN- TURNING BASIN	15	7/30/92	1.0	T	77.90	10.40	ns	NT	0.106	-9.000
40006.1	CONSOLIDATED SLIP	16	7/31/92	1.0	NT	92.90	3.10	ns	NT	0.028	-9.000
40006.2	CONSOLIDATED SLIP	17	7/31/92	1.0	T	0.40	0.70	*	T	0.433	-9.000
40006.3	CONSOLIDATED SLIP	18	7/31/92	1.0	T	44.80	38.00	*	T	0.088	-9.000
40032.1	SAN PEDRO BAY- POLA 19	79	7/30/92	1.0	NT	97.90	2.70	ns	NT	0.162	-9.000
40032.2	SAN PEDRO BAY- POLA 19	80	7/30/92	1.0	T	83.80	8.20	ns	NT	0.138	-9.000
40032.3	SAN PEDRO BAY- POLA 19	81	7/30/92	1.0	T	91.60	5.00	ns	NT	0.168	-9.000
40033.1	OUTER HARBOR- POLA 10	82	7/30/92	1.0	T	25.50	20.90	*	T	0.139	-9.000
40033.2	OUTER HARBOR- POLA 10	83	7/30/92	1.0	NT	96.90	2.90	ns	NT	0.127	-9.000
40033.3	OUTER HARBOR- POLA 10	84	7/30/92	1.0	NT	90.60	5.10	ns	NT	0.124	-9.000
40008.1	EAST BASIN- PIER C	22	8/18/92	2.0	T	94.70	3.10	ns	NT	0.066	-9.000
40008.2	EAST BASIN- PIER C	23	8/18/92	2.0	NT	97.60	0.70	ns	NT	0.053	-9.000
40008.3	EAST BASIN- PIER C	24	8/18/92	2.0	NT	92.80	3.00	ns	NT	0.072	-9.000
40009.1	WEST BASIN ENTRANCE	25	8/18/92	2.0	NT	95.20	1.10	ns	NT	0.040	-9.000
40009.2	WEST BASIN ENTRANCE	26	8/18/92	2.0	NT	94.90	1.90	ns	NT	0.075	-9.000
40009.3	WEST BASIN ENTRANCE	27	8/18/92	2.0	NT	94.70	3.00	ns	NT	0.067	-9.000
40010.1	OFF CABRILLO BEACH	28	8/18/92	2.0	NT	96.90	2.20	ns	NT	0.022	-9.000
40010.2	OFF CABRILLO BEACH	29	8/18/92	2.0	NT	96.10	1.50	ns	NT	0.025	-9.000
40010.3	OFF CABRILLO BEACH	30	8/18/92	2.0	NT	92.40	8.20	ns	NT	0.025	-9.000
40012.1	SOUTHEAST BASIN	34	8/18/92	2.0	NT	95.80	2.60	ns	NT	0.044	-9.000
40012.2	SOUTHEAST BASIN	35	8/18/92	2.0	NT	97.50	0.80	ns	NT	0.046	-9.000
40012.3	SOUTHEAST BASIN	36	8/18/92	2.0	NT	93.70	1.20	ns	NT	0.050	-9.000
40015.1	FISH HARBOR ENTRANCE	43	8/19/92	2.0	NT	95.70	1.50	ns	NT	0.084	-9.000
40015.2	FISH HARBOR ENTRANCE	44	8/19/92	2.0	NT	98.20	1.00	ns	NT	0.110	-9.000
40015.3	FISH HARBOR ENTRANCE	45	8/19/92	2.0	NT	97.70	1.40	ns	NT	0.054	-9.000
40016.1	TERMINAL ISLAND STP	46	8/18/92	2.0	NT	97.10	1.70	ns	NT	0.048	-9.000

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STANUM	STATION	IDORG	DATE	LEG	HRP50_TOX	HRP25_MN	HRP25_SD	HRP25_SG	HRP25_TOX	HRP_IUNH3	HRP_ITNH3
40016.2	TERMINAL ISLAND STP	47	8/18/92	2.0	NT	96.50	1.50	ns	NT	0.089	-9.000
40016.3	TERMINAL ISLAND STP	48	8/18/92	2.0	NT	95.80	2.70	ns	NT	0.063	-9.000
40019.1	INNER FISH HARBOR	55	8/19/92	2.0	T	0.00	0.00	*	T	0.505	-9.000
40019.2	INNER FISH HARBOR	56	8/19/92	2.0	NT	95.80	0.50	ns	NT	0.092	-9.000
40019.3	INNER FISH HARBOR	57	8/19/92	2.0	T	93.00	3.20	ns	NT	0.413	-9.000
40030.1	SAN PEDRO BREAKWATER	73	8/19/92	2.0	T	35.50	6.50	*	T	0.077	-9.000
40030.2	SAN PEDRO BREAKWATER	74	8/19/92	2.0	T	90.00	5.60	ns	NT	0.090	-9.000
40030.3	SAN PEDRO BREAKWATER	75	8/19/92	2.0	NT	94.70	1.30	ns	NT	0.143	-9.000
40032.1	SAN PEDRO BAY- POLA 19	103	8/19/92	2.0	T	90.10	8.10	ns	NT	0.109	-9.000
40032.2	SAN PEDRO BAY- POLA 19	104	8/19/92	2.0	T	9.60	5.60	*	T	0.117	-9.000
40032.3	SAN PEDRO BAY- POLA 19	105	8/19/92	2.0	T	60.60	31.70	ns	NT	0.119	-9.000
40007.1	LONG BEACH HARBOR- CHANNEL 2	19	9/1/92	3.0	NT	90.70	2.60	ns	NT	0.025	-9.000
40007.2	LONG BEACH HARBOR- CHANNEL 2	20	9/1/92	3.0	T	36.60	20.50	*	T	0.011	-9.000
40007.3	LONG BEACH HARBOR- CHANNEL 2	21	9/1/92	3.0	T	88.20	5.10	ns	NT	0.006	-9.000
40011.1	INNER HARBOR- CHANNEL 3	31	9/1/92	3.0	NT	90.00	1.70	ns	NT	0.011	-9.000
40011.2	INNER HARBOR- CHANNEL 3	32	9/1/92	3.0	T	87.60	3.60	ns	NT	0.003	-9.000
40011.3	INNER HARBOR- CHANNEL 3	33	9/1/92	3.0	T	62.20	30.60	ns	NT	0.004	-9.000
40013.1	INNER QUEENSWAY BAY	37	9/2/92	3.0	NT	90.80	1.50	ns	NT	0.141	-9.000
40013.2	INNER QUEENSWAY BAY	38	9/2/92	3.0	NT	88.40	1.20	ns	NT	0.123	-9.000
40013.3	INNER QUEENSWAY BAY	39	9/2/92	3.0	NT	92.20	2.80	ns	NT	0.084	-9.000
40014.1	OUTER QUEENSWAY BAY	40	9/2/92	3.0	NT	86.90	1.40	*	NT	0.110	-9.000
40014.2	OUTER QUEENSWAY BAY	41	9/2/92	3.0	T	90.80	4.00	ns	NT	0.332	-9.000
40014.3	OUTER QUEENSWAY BAY	42	9/2/92	3.0	NT	89.20	3.80	ns	NT	0.172	-9.000
40017.1	LONG BEACH CHANNEL	49	9/2/92	3.0	T	93.70	0.30	ns	NT	0.011	-9.000
40017.2	LONG BEACH CHANNEL	50	9/2/92	3.0	NT	91.60	2.00	ns	NT	0.016	-9.000
40017.3	LONG BEACH CHANNEL	51	9/2/92	3.0	NT	91.70	2.10	ns	NT	0.052	-9.000
40018.1	LONG BEACH OUTER HARBOR- 18	52	9/2/92	3.0	NT	90.00	5.30	ns	NT	0.047	-9.000
40018.2	LONG BEACH OUTER HARBOR- 18	53	9/2/92	3.0	T	94.20	1.80	ns	NT	0.005	-9.000
40018.3	LONG BEACH OUTER HARBOR- 18	54	9/2/92	3.0	NT	93.30	2.30	ns	NT	0.055	-9.000
40020.1	LONG BEACH OUTER HARBOR- 20	58	9/2/92	3.0	T	64.30	47.60	ns	NT	0.039	-9.000
40020.2	LONG BEACH OUTER HARBOR- 20	59	9/2/92	3.0	T	90.60	2.20	ns	NT	0.024	-9.000
40020.3	LONG BEACH OUTER HARBOR- 20	60	9/2/92	3.0	NT	91.10	3.00	ns	NT	0.042	-9.000
40031.1	PALOS VERDES- SWARTZ 6	76	9/1/92	3.0	NT	88.60	2.60	ns	NT	0.017	-9.000
40031.2	PALOS VERDES- SWARTZ 6	77	9/1/92	3.0	NT	92.00	2.70	ns	NT	0.036	-9.000
40031.3	PALOS VERDES- SWARTZ 6	78	9/1/92	3.0	T	88.20	0.90	*	NT	0.017	-9.000
40021.1	ALAMITOS BAY- MARINE STADIUM	61	9/16/92	4.0	T	96.50	2.30	ns	NT	0.023	-9.000
40021.2	ALAMITOS BAY- MARINE STADIUM	62	9/16/92	4.0	T	91.40	7.10	ns	NT	0.062	-9.000
40021.3	ALAMITOS BAY- MARINE STADIUM	63	9/16/92	4.0	T	96.20	2.50	ns	NT	0.067	-9.000
40022.1	ALAMITOS BAY- ENTRANCE	64	9/15/92	4.0	T	97.00	1.60	ns	NT	0.040	-9.000
40022.2	ALAMITOS BAY- ENTRANCE	65	9/15/92	4.0	T	46.20	24.20	*	T	0.021	-9.000

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STANUM	STATION	IDORG	DATE	LEG	HRP50_TOX	HRP25_MN	HRP25_SD	HRP25_SG	HRP25_TOX	HRP_IUNH3	HRP_ITNH3
40022.3	ALAMITOS BAY- ENTRANCE	66	9/15/92	4.0	T	66.10	21.40	ns	NT	0.070	-9.000
40023.1	ALAMITOS BAY- LONG BEACH	67	9/16/92	4.0	T	96.80	3.50	ns	NT	0.025	-9.000
40023.2	ALAMITOS BAY- LONG BEACH	68	9/16/92	4.0	T	61.20	27.10	ns	NT	0.114	-9.000
40023.3	ALAMITOS BAY- LONG BEACH	69	9/16/92	4.0	T	81.20	21.40	ns	NT	0.069	-9.000
40010.1	OFF CABRILLO BEACH	136	9/16/92	4.0	T	52.90	31.90	ns	NT	0.002	-9.000
40010.2	OFF CABRILLO BEACH	137	9/16/92	4.0	T	47.60	7.10	*	T	0.006	-9.000
40010.3	OFF CABRILLO BEACH	138	9/16/92	4.0	T	50.10	19.20	*	T	0.004	-9.000
44020.0	SHORELINE MARINA	620	1/14/93	11.0	-9	-9.00	-9.00	-9	-9	0.030	-9.000
44021.0	VENTURA MARINA	621	1/13/93	11.0	-9	-9.00	-9.00	-9	-9	0.024	-9.000
44051.0	MUGU/MAIN LAGOON	652	1/12/93	11.0	-9	-9.00	-9.00	-9	-9	0.034	-9.000

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STANUM	STATION	IDORG	DATE	LEG	HRP_IH2S	HRP_BATCH	HRPQC
40001.1	SOUTHWEST SLIP	1	7/29/92	1.0	0.0038	-9	-9
40001.2	SOUTHWEST SLIP	2	7/29/92	1.0	0.0018	-9	-9
40001.3	SOUTHWEST SLIP	3	7/29/92	1.0	0.0008	-9	-9
40002.1	WEST BASIN- PIER 143	4	7/30/92	1.0	-8.0000	-9	-9
40002.2	WEST BASIN- PIER 143	5	7/30/92	1.0	0.0022	-9	-9
40002.3	WEST BASIN- PIER 143	6	7/30/92	1.0	-8.0000	-9	-9
40003.1	TURNING BASIN- PIER 151	7	7/31/92	1.0	0.0008	-9	-9
40003.2	TURNING BASIN- PIER 151	8	7/31/92	1.0	0.0001	-9	-9
40003.3	TURNING BASIN- PIER 151	9	7/31/92	1.0	-8.0000	-9	-9
40004.1	LOWER MAIN CHANNEL	10	7/29/92	1.0	-8.0000	-9	-9
40004.2	LOWER MAIN CHANNEL	11	7/29/92	1.0	0.0026	-9	-9
40004.3	LOWER MAIN CHANNEL	12	7/29/92	1.0	-8.0000	-9	-9
40005.1	EAST BASIN- TURNING BASIN	13	7/30/92	1.0	0.0012	-9	-9
40005.2	EAST BASIN- TURNING BASIN	14	7/30/92	1.0	-8.0000	-9	-9
40005.3	EAST BASIN- TURNING BASIN	15	7/30/92	1.0	-8.0000	-9	-9
40006.1	CONSOLIDATED SLIP	16	7/31/92	1.0	0.0012	-9	-9
40006.2	CONSOLIDATED SLIP	17	7/31/92	1.0	0.0008	-9	-9
40006.3	CONSOLIDATED SLIP	18	7/31/92	1.0	-8.0000	-9	-9
40032.1	SAN PEDRO BAY- POLA 19	79	7/30/92	1.0	-8.0000	-9	-9
40032.2	SAN PEDRO BAY- POLA 19	80	7/30/92	1.0	-8.0000	-9	-9
40032.3	SAN PEDRO BAY- POLA 19	81	7/30/92	1.0	-8.0000	-9	-9
40033.1	OUTER HARBOR- POLA 10	82	7/30/92	1.0	0.0014	-9	-9
40033.2	OUTER HARBOR- POLA 10	83	7/30/92	1.0	-8.0000	-9	-9
40033.3	OUTER HARBOR- POLA 10	84	7/30/92	1.0	-8.0000	-9	-9
40008.1	EAST BASIN- PIER C	22	8/18/92	2.0	-8.0000	-9	-9
40008.2	EAST BASIN- PIER C	23	8/18/92	2.0	-8.0000	-9	-9
40008.3	EAST BASIN- PIER C	24	8/18/92	2.0	-8.0000	-9	-9
40009.1	WEST BASIN ENTRANCE	25	8/18/92	2.0	-8.0000	-9	-9
40009.2	WEST BASIN ENTRANCE	26	8/18/92	2.0	-8.0000	-9	-9
40009.3	WEST BASIN ENTRANCE	27	8/18/92	2.0	-8.0000	-9	-9
40010.1	OFF CABRILLO BEACH	28	8/18/92	2.0	-8.0000	-9	-9
40010.2	OFF CABRILLO BEACH	29	8/18/92	2.0	-8.0000	-9	-9
40010.3	OFF CABRILLO BEACH	30	8/18/92	2.0	-8.0000	-9	-9
40012.1	SOUTHEAST BASIN	34	8/18/92	2.0	-8.0000	-9	-9
40012.2	SOUTHEAST BASIN	35	8/18/92	2.0	-8.0000	-9	-9
40012.3	SOUTHEAST BASIN	36	8/18/92	2.0	-8.0000	-9	-9
40015.1	FISH HARBOR ENTRANCE	43	8/19/92	2.0	-8.0000	-9	-9
40015.2	FISH HARBOR ENTRANCE	44	8/19/92	2.0	-8.0000	-9	-9
40015.3	FISH HARBOR ENTRANCE	45	8/19/92	2.0	-8.0000	-9	-9
40016.1	TERMINAL ISLAND STP	46	8/18/92	2.0	-8.0000	-9	-9

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STANUM	STATION	IDORG	DATE	LEG	HRP_IH2S	HRP_BATCH	HRPQC
40016.2	TERMINAL ISLAND STP	47	8/18/92	2.0	-8.0000	-9	-9
40016.3	TERMINAL ISLAND STP	48	8/18/92	2.0	-8.0000	-9	-9
40019.1	INNER FISH HARBOR	55	8/19/92	2.0	-8.0000	-9	-9
40019.2	INNER FISH HARBOR	56	8/19/92	2.0	-8.0000	-9	-9
40019.3	INNER FISH HARBOR	57	8/19/92	2.0	-8.0000	-9	-9
40030.1	SAN PEDRO BREAKWATER	73	8/19/92	2.0	-8.0000	-9	-9
40030.2	SAN PEDRO BREAKWATER	74	8/19/92	2.0	-8.0000	-9	-9
40030.3	SAN PEDRO BREAKWATER	75	8/19/92	2.0	-8.0000	-9	-9
40032.1	SAN PEDRO BAY- POLA 19	103	8/19/92	2.0	-8.0000	-9	-9
40032.2	SAN PEDRO BAY- POLA 19	104	8/19/92	2.0	-8.0000	-9	-9
40032.3	SAN PEDRO BAY- POLA 19	105	8/19/92	2.0	-8.0000	-9	-9
40007.1	LONG BEACH HARBOR- CHANNEL 2	19	9/1/92	3.0	-8.0000	-9	-9
40007.2	LONG BEACH HARBOR- CHANNEL 2	20	9/1/92	3.0	-8.0000	-9	-9
40007.3	LONG BEACH HARBOR- CHANNEL 2	21	9/1/92	3.0	-8.0000	-9	-9
40011.1	INNER HARBOR- CHANNEL 3	31	9/1/92	3.0	-8.0000	-9	-9
40011.2	INNER HARBOR- CHANNEL 3	32	9/1/92	3.0	-8.0000	-9	-9
40011.3	INNER HARBOR- CHANNEL 3	33	9/1/92	3.0	-8.0000	-9	-9
40013.1	INNER QUEENSWAY BAY	37	9/2/92	3.0	-8.0000	-9	-9
40013.2	INNER QUEENSWAY BAY	38	9/2/92	3.0	-8.0000	-9	-9
40013.3	INNER QUEENSWAY BAY	39	9/2/92	3.0	-8.0000	-9	-9
40014.1	OUTER QUEENSWAY BAY	40	9/2/92	3.0	-8.0000	-9	-9
40014.2	OUTER QUEENSWAY BAY	41	9/2/92	3.0	-8.0000	-9	-9
40014.3	OUTER QUEENSWAY BAY	42	9/2/92	3.0	-8.0000	-9	-9
40017.1	LONG BEACH CHANNEL	49	9/2/92	3.0	0.0025	-9	-9
40017.2	LONG BEACH CHANNEL	50	9/2/92	3.0	-8.0000	-9	-9
40017.3	LONG BEACH CHANNEL	51	9/2/92	3.0	-8.0000	-9	-9
40018.1	LONG BEACH OUTER HARBOR- 18	52	9/2/92	3.0	0.0008	-9	-9
40018.2	LONG BEACH OUTER HARBOR- 18	53	9/2/92	3.0	-8.0000	-9	-9
40018.3	LONG BEACH OUTER HARBOR- 18	54	9/2/92	3.0	-8.0000	-9	-9
40020.1	LONG BEACH OUTER HARBOR- 20	58	9/2/92	3.0	-8.0000	-9	-9
40020.2	LONG BEACH OUTER HARBOR- 20	59	9/2/92	3.0	-8.0000	-9	-9
40020.3	LONG BEACH OUTER HARBOR- 20	60	9/2/92	3.0	-8.0000	-9	-9
40031.1	PALOS VERDES- SWARTZ 6	76	9/1/92	3.0	0.0017	-9	-9
40031.2	PALOS VERDES- SWARTZ 6	77	9/1/92	3.0	-8.0000	-9	-9
40031.3	PALOS VERDES- SWARTZ 6	78	9/1/92	3.0	-8.0000	-9	-9
40021.1	ALAMITOS BAY- MARINE STADIUM	61	9/16/92	4.0	-8.0000	-9	-9
40021.2	ALAMITOS BAY- MARINE STADIUM	62	9/16/92	4.0	-8.0000	-9	-9
40021.3	ALAMITOS BAY- MARINE STADIUM	63	9/16/92	4.0	-8.0000	-9	-9
40022.1	ALAMITOS BAY- ENTRANCE	64	9/15/92	4.0	-8.0000	-9	-9
40022.2	ALAMITOS BAY- ENTRANCE	65	9/15/92	4.0	-8.0000	-9	-9

Haliotis rufescens Larval Shell Development Toxicity Test Data for Porewater

STANUM	STATION	IDORG	DATE	LEG	HRP_IH2S	HRP_BATCH	HRPQC
40022.3	ALAMITOS BAY- ENTRANCE	66	9/15/92	4.0	-8.0000	-9	-9
40023.1	ALAMITOS BAY- LONG BEACH	67	9/16/92	4.0	-8.0000	-9	-9
40023.2	ALAMITOS BAY- LONG BEACH	68	9/16/92	4.0	-8.0000	-9	-9
40023.3	ALAMITOS BAY- LONG BEACH	69	9/16/92	4.0	-8.0000	-9	-9
40010.1	OFF CABRILLO BEACH	136	9/16/92	4.0	-8.0000	-9	-9
40010.2	OFF CABRILLO BEACH	137	9/16/92	4.0	-8.0000	-9	-9
40010.3	OFF CABRILLO BEACH	138	9/16/92	4.0	-8.0000	-9	-9
44020.0	SHORELINE MARINA	620	1/14/93	11.0	-8.0000	-9	-9
44021.0	VENTURA MARINA	621	1/13/93	11.0	-8.0000	-9	-9
44051.0	MUGU/MAIN LAGOON	652	1/12/93	11.0	-8.0000	-9	-9

Section 5

Strongylocentrotus purpuratus Fertilization in Porewater

Strongylocentrotus purpuratus Fertilization Toxicity Test Data for Porewater

STANUM	STATION	IDORG	DATE	LEG	SPPF100_MN	SPPF100_SD	SPPF100_SG	SPPF100TOX	SPPF50_MN	SPPF50_SD
44012.0	PORT HUENEME- WHARF B	612	1/13/93	11.0	58.60	12.10	*	-9	-9.00	-9.00
44013.0	PORT HUENEME- WHARF #1	613	1/12/93	11.0	3.40	3.10	*	-9	-9.00	-9.00
44014.0	MARINA DEL REY	614	1/14/93	11.0	57.80	26.90	*	-9	-9.00	-9.00
44016.0	MUGU LAGOON	616	1/12/93	11.0	-9.00	-9.00	-9	-9	-9.00	-9.00
44017.0	COLORADO LAGOON	617	1/14/93	11.0	-9.00	-9.00	-9	-9	-9.00	-9.00
44018.0	MALIBU LAGOON	618	1/13/93	11.0	-9.00	-9.00	-9	-9	-9.00	-9.00
44020.0	SHORELINE MARINA	620	1/14/93	11.0	14.60	6.70	*	-9	-9.00	-9.00
44021.0	VENTURA MARINA	621	1/13/93	11.0	39.50	18.70	*	-9	-9.00	-9.00
44023.0	CHANNEL ISLANDS HARBOR	623	1/13/93	11.0	42.40	21.30	*	-9	-9.00	-9.00
44024.0	BALLONA CREEK	624	1/14/93	11.0	0.00	0.00	*	-9	-9.00	-9.00
44026.0	SIM'S POND	626	1/14/93	11.0	-9.00	-9.00	-9	-9	-9.00	-9.00
44027.0	MCGRATH LAKE ESTUARY	627	1/13/93	11.0	-9.00	-9.00	-9	-9	-9.00	-9.00
44050.0	CALLEGUS/OXNARD DITCH #3	651	1/12/93	11.0	-9.00	-9.00	-9	-9	-9.00	-9.00
44051.0	MUGU/MAIN LAGOON	652	1/12/93	11.0	30.60	17.60	*	-9	-9.00	-9.00
44052.0	MUGU/WESTERN ARM	653	1/12/93	11.0	38.60	13.30	*	-9	-9.00	-9.00
44053.0	MUGU/OXNARD DITCH #1	654	1/12/93	11.0	78.50	11.40	ns	-9	-9.00	-9.00
44054.0	MUGU/ENTRANCE	655	1/12/93	11.0	0.00	0.00	*	-9	-9.00	-9.00
44022.0	VENTURA RIVER ESTUARY	622	2/10/93	13.0	-9.00	-9.00	-9	-9	-9.00	-9.00
44025.0	SANTA CLARA RIVER ESTUARY	625	2/10/93	13.0	-9.00	-9.00	-9	-9	-9.00	-9.00
40004.2	LOWER MAIN CHANNEL	789	5/6/93	18.0	95.20	2.80	*	-9	98.10	1.60
40009.1	WEST BASIN ENTRANCE	790	5/6/93	18.0	89.70	4.50	*	-9	87.50	10.80
40013.1	INNER QUEENSWAY BAY	791	5/6/93	18.0	0.00	0.00	*	-9	0.00	0.00
40015.3	FISH HARBOR ENTRANCE	792	5/6/93	18.0	80.80	9.80	*	-9	93.40	9.30
40016.2	TERMINAL ISLAND STP	793	5/6/93	18.0	82.90	12.90	*	-9	81.20	16.00
40010.1	OFF CABRILLO BEACH	810	5/27/93	19.0	61.80	9.90	*	-9	88.10	8.90
40017.3	LONG BEACH CHANNEL	811	5/27/93	19.0	0.00	0.00	*	-9	0.00	0.00
40012.1	SOUTHEAST BASIN	812	5/27/93	19.0	0.00	0.00	*	-9	47.20	9.80
40004.2	LOWER MAIN CHANNEL-REP 1	830	6/17/93	20.0	86.90	10.20	ns	-9	68.40	10.50
40004.2	LOWER MAIN CHANNEL-REP 2	831	6/17/93	20.0	79.80	7.00	ns	-9	76.30	9.30
40004.2	LOWER MAIN CHANNEL-REP 3	832	6/17/93	20.0	78.90	12.00	ns	-9	90.20	9.80
40009.1	WEST BASIN ENTRANCE-REP 1	834	6/17/93	20.0	3.30	4.30	*	-9	89.40	4.40
40009.1	WEST BASIN ENTRANCE-REP 2	835	6/17/93	20.0	2.80	4.20	*	-9	90.80	2.40
40009.1	WEST BASIN ENTRANCE-REP 3	836	6/17/93	20.0	81.90	2.80	ns	-9	83.80	8.90
40018.3	LONG BEACH OUTER HAR.-18-REP 1	884	8/5/93	22.0	82.90	12.60	ns	-9	92.00	2.50
40018.3	LONG BEACH OUTER HAR.-18-REP 2	885	8/5/93	22.0	95.80	2.00	ns	-9	97.10	2.00
40018.3	LONG BEACH OUTER HAR.-18-REP 3	886	8/5/93	22.0	96.10	2.00	ns	-9	97.70	1.40
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1002	8/19/93	23.0	0.80	0.80	*	-9	0.30	0.60
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1003	8/19/93	23.0	0.60	1.10	*	-9	1.00	0.90

Strongylocentrotus purpuratus Fertilization Toxicity Test Data for Porewater

STANUM	STATION	IDORG	DATE	LEG	SPPF100_MN	SPPF100_SD	SPPF100_SG	SPPF100TOX	SPPF50_MN	SPPF50_SD
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1004	8/19/93	23.0	1.20	0.50	*	-9	1.60	2.00
40031.2	PALOS V.(SWARTZ 6)-REP 4 BLIND	1005	8/19/93	23.0	24.70	9.40	*	-9	93.50	0.40
40010.1	OFF CABRILLO BEACH-REP 1	1006	8/19/93	23.0	4.90	3.20	*	-9	19.00	3.30
40010.2	OFF CABRILLO BEACH-REP 2	1007	8/19/93	23.0	5.60	7.40	*	-9	73.50	5.20
40010.3	OFF CABRILLO BEACH-REP 3	1008	8/19/93	23.0	82.40	7.30	*	-9	79.00	6.90

Strongylocentrotus purpuratus Fertilization Toxicity Test Data for Porewater

STANUM	STATION	IDORG	DATE	LEG	SPPF50_SG	SPPF50_TOX	SPPF25_MN	SPPF25_SD	SPPF25_SG	SPPF25_TOX	SPPF_ITNH3
44012.0	PORT HUENEME- WHARF B	612	1/13/93	11.0	-9	-9	-9.00	-9.00	-9	-9	-9.000
44013.0	PORT HUENEME- WHARF #1	613	1/12/93	11.0	-9	-9	-9.00	-9.00	-9	-9	-9.000
44014.0	MARINA DEL REY	614	1/14/93	11.0	-9	-9	-9.00	-9.00	-9	-9	-9.000
44016.0	MUGU LAGOON	616	1/12/93	11.0	-9	-9	-9.00	-9.00	-9	-9	-9.000
44017.0	COLORADO LAGOON	617	1/14/93	11.0	-9	-9	-9.00	-9.00	-9	-9	-9.000
44018.0	MALIBU LAGOON	618	1/13/93	11.0	-9	-9	-9.00	-9.00	-9	-9	-9.000
44020.0	SHORELINE MARINA	620	1/14/93	11.0	-9	-9	-9.00	-9.00	-9	-9	-9.000
44021.0	VENTURA MARINA	621	1/13/93	11.0	-9	-9	-9.00	-9.00	-9	-9	-9.000
44023.0	CHANNEL ISLANDS HARBOR	623	1/13/93	11.0	-9	-9	-9.00	-9.00	-9	-9	-9.000
44024.0	BALLONA CREEK	624	1/14/93	11.0	-9	-9	-9.00	-9.00	-9	-9	-9.000
44026.0	SIM'S POND	626	1/14/93	11.0	-9	-9	-9.00	-9.00	-9	-9	-9.000
44027.0	MCGRATH LAKE ESTUARY	627	1/13/93	11.0	-9	-9	-9.00	-9.00	-9	-9	-9.000
44050.0	CALLEGUS/OXNARD DITCH #3	651	1/12/93	11.0	-9	-9	-9.00	-9.00	-9	-9	-9.000
44051.0	MUGU/MAIN LAGOON	652	1/12/93	11.0	-9	-9	-9.00	-9.00	-9	-9	-9.000
44052.0	MUGU/WESTERN ARM	653	1/12/93	11.0	-9	-9	-9.00	-9.00	-9	-9	-9.000
44053.0	MUGU/OXNARD DITCH #1	654	1/12/93	11.0	-9	-9	-9.00	-9.00	-9	-9	-9.000
44054.0	MUGU/ENTRANCE	655	1/12/93	11.0	-9	-9	-9.00	-9.00	-9	-9	-9.000
44022.0	VENTURA RIVER ESTUARY	622	2/10/93	13.0	-9	-9	-9.00	-9.00	-9	-9	-9.000
44025.0	SANTA CLARA RIVER ESTUARY	625	2/10/93	13.0	-9	-9	-9.00	-9.00	-9	-9	-9.000
40004.2	LOWER MAIN CHANNEL	789	5/6/93	18.0	ns	-9	97.80	3.80	ns	-9	-9.000
40009.1	WEST BASIN ENTRANCE	790	5/6/93	18.0	ns	-9	97.70	1.20	*	-9	-9.000
40013.1	INNER QUEENSWAY BAY	791	5/6/93	18.0	*	-9	0.00	0.00	*	-9	-9.000
40015.3	FISH HARBOR ENTRANCE	792	5/6/93	18.0	ns	-9	88.70	8.80	*	-9	-9.000
40016.2	TERMINAL ISLAND STP	793	5/6/93	18.0	*	-9	95.90	2.00	*	-9	-9.000
40010.1	OFF CABRILLO BEACH	810	5/27/93	19.0	ns	-9	95.20	1.90	ns	-9	-9.000
40017.3	LONG BEACH CHANNEL	811	5/27/93	19.0	*	-9	81.90	8.40	ns	-9	-9.000
40012.1	SOUTHEAST BASIN	812	5/27/93	19.0	*	-9	87.10	1.00	ns	-9	-9.000
40004.2	LOWER MAIN CHANNEL-REP 1	830	6/17/93	20.0	*	-9	85.50	12.10	ns	-9	-9.000
40004.2	LOWER MAIN CHANNEL-REP 2	831	6/17/93	20.0	*	-9	77.30	3.70	*	-9	-9.000
40004.2	LOWER MAIN CHANNEL-REP 3	832	6/17/93	20.0	ns	-9	76.10	26.40	ns	-9	-9.000
40009.1	WEST BASIN ENTRANCE-REP 1	834	6/17/93	20.0	ns	-9	59.90	49.40	ns	-9	-9.000
40009.1	WEST BASIN ENTRANCE-REP 2	835	6/17/93	20.0	ns	-9	85.10	12.50	ns	-9	-9.000
40009.1	WEST BASIN ENTRANCE-REP 3	836	6/17/93	20.0	ns	-9	74.20	10.40	ns	-9	-9.000
40018.3	LONG BEACH OUTER HAR.-18-REP 1	884	8/5/93	22.0	ns	-9	97.10	0.90	ns	-9	-9.000
40018.3	LONG BEACH OUTER HAR.-18-REP 2	885	8/5/93	22.0	ns	-9	82.40	6.50	*	-9	-9.000
40018.3	LONG BEACH OUTER HAR.-18-REP 3	886	8/5/93	22.0	ns	-9	97.00	3.00	ns	-9	-9.000
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1002	8/19/93	23.0	*	-9	0.50	0.40	*	-9	-9.000
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1003	8/19/93	23.0	*	-9	0.70	0.70	*	-9	-9.000

Strongylocentrotus purpuratus Fertilization Toxicity Test Data for Porewater

STANUM	STATION	IDORG	DATE	LEG	SPPF50_SG	SPPF50_TOX	SPPF25_MN	SPPF25_SD	SPPF25_SG	SPPF25_TOX	SPPF_ITNH3
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1004	8/19/93	23.0	*	-9	2.20	1.50	*	-9	-9.000
40031.2	PALOS V.(SWARTZ 6)-REP 4 BLIND	1005	8/19/93	23.0	ns	-9	39.70	46.20	ns	-9	-9.000
40010.1	OFF CABRILLO BEACH-REP 1	1006	8/19/93	23.0	*	-9	62.10	44.90	ns	-9	-9.000
40010.2	OFF CABRILLO BEACH-REP 2	1007	8/19/93	23.0	*	-9	24.60	19.00	*	-9	-9.000
40010.3	OFF CABRILLO BEACH-REP 3	1008	8/19/93	23.0	*	-9	87.20	21.40	ns	-9	-9.000

Strongylocentrotus purpuratus Fertilization Toxicity Test Data for Porewater

STANUM	STATION	IDORG	DATE	LEG	SPPF_IUNH3	SPPF_IH2S	SPPF_BATCH	SPPFQC
44012.0	PORT HUENEME- WHARF B	612	1/13/93	11.0	0.028	-8.0000	-9	-9
44013.0	PORT HUENEME- WHARF #1	613	1/12/93	11.0	0.067	0.0001	-9	-9
44014.0	MARINA DEL REY	614	1/14/93	11.0	0.039	0.0004	-9	-9
44016.0	MUGU LAGOON	616	1/12/93	11.0	-9.000	-9.0000	-9	-9
44017.0	COLORADO LAGOON	617	1/14/93	11.0	-9.000	-9.0000	-9	-9
44018.0	MALIBU LAGOON	618	1/13/93	11.0	-9.000	-9.0000	-9	-9
44020.0	SHORELINE MARINA	620	1/14/93	11.0	0.054	-8.0000	-9	-9
44021.0	VENTURA MARINA	621	1/13/93	11.0	0.022	-8.0000	-9	-9
44023.0	CHANNEL ISLANDS HARBOR	623	1/13/93	11.0	0.026	-8.0000	-9	-9
44024.0	BALLONA CREEK	624	1/14/93	11.0	0.229	0.0040	-9	-9
44026.0	SIM'S POND	626	1/14/93	11.0	-9.000	-9.0000	-9	-9
44027.0	MCGRATH LAKE ESTUARY	627	1/13/93	11.0	-9.000	-9.0000	-9	-9
44050.0	CALLEGUS/OXNARD DITCH #3	651	1/12/93	11.0	-9.000	-9.0000	-9	-9
44051.0	MUGU/MAIN LAGOON	652	1/12/93	11.0	0.053	-8.0000	-9	-9
44052.0	MUGU/WESTERN ARM	653	1/12/93	11.0	0.043	-8.0000	-9	-9
44053.0	MUGU/OXNARD DITCH #1	654	1/12/93	11.0	0.053	0.0001	-9	-9
44054.0	MUGU/ENTRANCE	655	1/12/93	11.0	0.173	-8.0000	-9	-9
44022.0	VENTURA RIVER ESTUARY	622	2/10/93	13.0	-9.000	-9.0000	-9	-9
44025.0	SANTA CLARA RIVER ESTUARY	625	2/10/93	13.0	-9.000	-9.0000	-9	-9
40004.2	LOWER MAIN CHANNEL	789	5/6/93	18.0	0.020	-8.0000	-9	-9
40009.1	WEST BASIN ENTRANCE	790	5/6/93	18.0	0.016	-8.0000	-9	-9
40013.1	INNER QUEENSWAY BAY	791	5/6/93	18.0	0.023	-8.0000	-9	-9
40015.3	FISH HARBOR ENTRANCE	792	5/6/93	18.0	0.014	-8.0000	-9	-9
40016.2	TERMINAL ISLAND STP	793	5/6/93	18.0	0.015	-8.0000	-9	-9
40010.1	OFF CABRILLO BEACH	810	5/27/93	19.0	0.031	-8.0000	-9	-9
40017.3	LONG BEACH CHANNEL	811	5/27/93	19.0	0.008	-8.0000	-9	-9
40012.1	SOUTHEAST BASIN	812	5/27/93	19.0	0.010	-8.0000	-9	-9
40004.2	LOWER MAIN CHANNEL-REP 1	830	6/17/93	20.0	0.108	-8.0000	-9	-9
40004.2	LOWER MAIN CHANNEL-REP 2	831	6/17/93	20.0	0.016	-8.0000	-9	-9
40004.2	LOWER MAIN CHANNEL-REP 3	832	6/17/93	20.0	0.046	-8.0000	-9	-9
40009.1	WEST BASIN ENTRANCE-REP 1	834	6/17/93	20.0	0.076	-8.0000	-9	-9
40009.1	WEST BASIN ENTRANCE-REP 2	835	6/17/93	20.0	0.025	-8.0000	-9	-9
40009.1	WEST BASIN ENTRANCE-REP 3	836	6/17/93	20.0	0.078	-8.0000	-9	-9
40018.3	LONG BEACH OUTER HAR.-18-REP 1	884	8/5/93	22.0	0.028	-8.0000	-9	-9
40018.3	LONG BEACH OUTER HAR.-18-REP 2	885	8/5/93	22.0	0.024	-8.0000	-9	-9
40018.3	LONG BEACH OUTER HAR.-18-REP 3	886	8/5/93	22.0	0.020	-8.0000	-9	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1002	8/19/93	23.0	0.048	-8.0000	-9	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1003	8/19/93	23.0	0.039	-8.0000	-9	-9

Strongylocentrotus purpuratus Fertilization Toxicity Test Data for Porewater

STANUM	STATION	IDORG	DATE	LEG	SPPF_IUNH3	SPPF_IH2S	SPPF_BATCH	SPPFQC
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1004	8/19/93	23.0	0.090	-8.0000	-9	-9
40031.2	PALOS V.(SWARTZ 6)-REP 4 BLIND	1005	8/19/93	23.0	0.037	-8.0000	-9	-9
40010.1	OFF CABRILLO BEACH-REP 1	1006	8/19/93	23.0	0.045	-8.0000	-9	-9
40010.2	OFF CABRILLO BEACH-REP 2	1007	8/19/93	23.0	0.038	-8.0000	-9	-9
40010.3	OFF CABRILLO BEACH-REP 3	1008	8/19/93	23.0	0.029	-8.0000	-9	-9

Section 6

Strongylocentrotus purpuratus Development in Porewater

Strongylocentrotus purpuratus Development Toxicity Test Data for Porewater

STANUM	STATION	IDORG	DATE	LEG	SPPD100_MN	SPPD100_SD	SPPD100_SG	SPPD100TOX	SPPD50_MN	SPPD50_SD
44012.0	PORT HUENEME- WHARF B	612	1/13/93	11.0	0.00	0.00	*	T	-9.00	-9.00
44013.0	PORT HUENEME- WHARF #1	613	1/12/93	11.0	0.00	0.00	*	T	-9.00	-9.00
44014.0	MARINA DEL REY	614	1/14/93	11.0	2.00	2.40	*	T	-9.00	-9.00
44016.0	MUGU LAGOON	616	1/12/93	11.0	-9.00	-9.00	-9	-9	-9.00	-9.00
44017.0	COLORADO LAGOON	617	1/14/93	11.0	-9.00	-9.00	-9	-9	-9.00	-9.00
44018.0	MALIBU LAGOON	618	1/13/93	11.0	-9.00	-9.00	-9	-9	-9.00	-9.00
44020.0	SHORELINE MARINA	620	1/14/93	11.0	87.20	4.10	*	NT	-9.00	-9.00
44021.0	VENTURA MARINA	621	1/13/93	11.0	14.00	12.10	*	T	-9.00	-9.00
44023.0	CHANNEL ISLANDS HARBOR	623	1/13/93	11.0	1.00	1.00	*	T	-9.00	-9.00
44024.0	BALLONA CREEK	624	1/14/93	11.0	0.00	0.00	*	T	-9.00	-9.00
44026.0	SIM'S POND	626	1/14/93	11.0	-9.00	-9.00	-9	-9	-9.00	-9.00
44027.0	MCGRATH LAKE ESTUARY	627	1/13/93	11.0	-9.00	-9.00	-9	-9	-9.00	-9.00
44050.0	CALLEGUS/OXNARD DITCH #3	651	1/12/93	11.0	-9.00	-9.00	-9	-9	-9.00	-9.00
44051.0	MUGU/MAIN LAGOON	652	1/12/93	11.0	74.50	16.60	*	NT	-9.00	-9.00
44052.0	MUGU/WESTERN ARM	653	1/12/93	11.0	10.40	10.60	*	T	-9.00	-9.00
44053.0	MUGU/OXNARD DITCH #1	654	1/12/93	11.0	0.00	0.00	*	T	-9.00	-9.00
44054.0	MUGU/ENTRANCE	655	1/12/93	11.0	0.00	0.00	*	T	-9.00	-9.00
44022.0	VENTURA RIVER ESTUARY	622	2/10/93	13.0	-9.00	-9.00	-9	-9	-9.00	-9.00
44025.0	SANTA CLARA RIVER ESTUARY	625	2/10/93	13.0	-9.00	-9.00	-9	-9	-9.00	-9.00
40004.2	LOWER MAIN CHANNEL	789	5/6/93	18.0	96.80	1.70		NT	96.40	1.10
40009.1	WEST BASIN ENTRANCE	790	5/6/93	18.0	98.70	1.10	*	NT	80.70	18.40
40013.1	INNER QUEENSWAY BAY	791	5/6/93	18.0	94.90	0.50	ns	NT	93.10	0.80
40015.3	FISH HARBOR ENTRANCE	792	5/6/93	18.0	90.50	8.50	ns	NT	83.00	10.10
40016.2	TERMINAL ISLAND STP	793	5/6/93	18.0	89.40	12.50	ns	NT	86.40	2.80
40010.1	OFF CABRILLO BEACH	810	5/27/93	19.0	0.00	0.00	*	T	93.10	2.80
40017.3	LONG BEACH CHANNEL	811	5/27/93	19.0	0.00	0.00	*	T	0.00	0.00
40012.1	SOUTHEAST BASIN	812	5/27/93	19.0	52.40	30.30	ns	NT	95.20	1.50
40004.2	LOWER MAIN CHANNEL-REP 1	830	6/17/93	20.0	0.00	0.00	*	T	0.00	0.00
40004.2	LOWER MAIN CHANNEL-REP 2	831	6/17/93	20.0	0.00	0.00	*	T	0.00	0.00
40004.2	LOWER MAIN CHANNEL-REP 3	832	6/17/93	20.0	0.00	0.00	*	T	13.40	15.80
40009.1	WEST BASIN ENTRANCE-REP 1	834	6/17/93	20.0	0.00	0.00	*	T	13.50	19.20
40009.1	WEST BASIN ENTRANCE-REP 2	835	6/17/93	20.0	0.00	0.00	*	T	15.40	0.80
40009.1	WEST BASIN ENTRANCE-REP 3	836	6/17/93	20.0	54.50	10.40	*	NT	76.30	0.60
40018.3	LONG BEACH OUTER HAR.-18-REP 1	884	8/5/93	22.0	0.00	0.00	*	T	91.10	2.80
40018.3	LONG BEACH OUTER HAR.-18-REP 2	885	8/5/93	22.0	0.00	0.00	*	T	90.90	6.90
40018.3	LONG BEACH OUTER HAR.-18-REP 3	886	8/5/93	22.0	0.00	0.00	*	T	33.90	11.10
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1002	8/19/93	23.0	0.00	0.00	*	T	1.90	3.20
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1003	8/19/93	23.0	0.00	0.00	*	T	0.00	0.00

Strongylocentrotus purpuratus Development Toxicity Test Data for Porewater

STANUM	STATION	IDORG	DATE	LEG	SPPD100_MN	SPPD100_SD	SPPD100_SG	SPPD100TOX	SPPD50_MN	SPPD50_SD
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1004	8/19/93	23.0	86.20	3.70	*	NT	97.40	2.20
40031.2	PALOS V.(SWARTZ 6)-REP 4 BLIND	1005	8/19/93	23.0	26.60	23.10	*	T	0.00	0.00
40010.1	OFF CABRILLO BEACH-REP 1	1006	8/19/93	23.0	46.10	16.40	*	T	95.50	2.20
40010.2	OFF CABRILLO BEACH-REP 2	1007	8/19/93	23.0	5.30	9.20	*	T	30.90	25.40
40010.3	OFF CABRILLO BEACH-REP 3	1008	8/19/93	23.0	94.60	2.60	ns	NT	96.30	1.50
	CONTROL-C1			45.0	88.00	4.00	-9	-9	-9.00	-9.00
	CONTROL-C2			45.0	90.00	3.00	-9	-9	-9.00	-9.00
46001.0	HUGO NEUPROLER- #1	1623	6/20/96	45.0	40.00	25.00	*	T	-9.00	-9.00
46002.0	HUGO NEUPROLER- #2	1624	6/20/96	45.0	63.00	21.00	*	T	-9.00	-9.00
46003.0	HUGO NEUPROLER- #3	1625	6/20/96	45.0	44.00	21.00	*	T	-9.00	-9.00
44012.0	PORT HUENEME-WHARF B	1626	6/19/96	45.0	0.00	0.00	*	T	-9.00	-9.00
44013.0	PORT HUENEME-WHARF #1	1627	6/19/96	45.0	0.00	0.00	*	T	-9.00	-9.00
44027.0	MCGRATH LAKE ESTUARY	1628	6/19/96	45.0	90.00	1.00	ns	NT	-9.00	-9.00
44054.0	MUGU/ENTRANCE-REP 1	1629	6/19/96	45.0	0.00	0.00	*	T	-9.00	-9.00
44014.0	MARINA DEL REY	1630	6/19/96	45.0	88.00	5.00	ns	NT	-9.00	-9.00
44020.0	SHORELINE MARINA	1631	6/20/96	45.0	0.00	0.00	*	T	-9.00	-9.00
44012.0	SOUTHEAST BASIN	1632	6/20/96	45.0	0.00	0.00	*	T	-9.00	-9.00

Strongylocentrotus purpuratus Development Toxicity Test Data for Porewater

STANUM	STATION	IDORG	DATE	LEG	SPPD50_SG	SPPD50_TOX	SPPD25_MN	SPPD25_SD	SPPD25_SG	SPPD25_TOX
44012.0	PORT HUENEME- WHARF B	612	1/13/93	11.0	-9	-9	-9.00	-9.00	-9	-9
44013.0	PORT HUENEME- WHARF #1	613	1/12/93	11.0	-9	-9	-9.00	-9.00	-9	-9
44014.0	MARINA DEL REY	614	1/14/93	11.0	-9	-9	-9.00	-9.00	-9	-9
44016.0	MUGU LAGOON	616	1/12/93	11.0	-9	-9	-9.00	-9.00	-9	-9
44017.0	COLORADO LAGOON	617	1/14/93	11.0	-9	-9	-9.00	-9.00	-9	-9
44018.0	MALIBU LAGOON	618	1/13/93	11.0	-9	-9	-9.00	-9.00	-9	-9
44020.0	SHORELINE MARINA	620	1/14/93	11.0	-9	-9	-9.00	-9.00	-9	-9
44021.0	VENTURA MARINA	621	1/13/93	11.0	-9	-9	-9.00	-9.00	-9	-9
44023.0	CHANNEL ISLANDS HARBOR	623	1/13/93	11.0	-9	-9	-9.00	-9.00	-9	-9
44024.0	BALLONA CREEK	624	1/14/93	11.0	-9	-9	-9.00	-9.00	-9	-9
44026.0	SIM'S POND	626	1/14/93	11.0	-9	-9	-9.00	-9.00	-9	-9
44027.0	MCGRATH LAKE ESTUARY	627	1/13/93	11.0	-9	-9	-9.00	-9.00	-9	-9
44050.0	CALLEGUS/OXNARD DITCH #3	651	1/12/93	11.0	-9	-9	-9.00	-9.00	-9	-9
44051.0	MUGU/MAIN LAGOON	652	1/12/93	11.0	-9	-9	-9.00	-9.00	-9	-9
44052.0	MUGU/WESTERN ARM	653	1/12/93	11.0	-9	-9	-9.00	-9.00	-9	-9
44053.0	MUGU/OXNARD DITCH #1	654	1/12/93	11.0	-9	-9	-9.00	-9.00	-9	-9
44054.0	MUGU/ENTRANCE	655	1/12/93	11.0	-9	-9	-9.00	-9.00	-9	-9
44022.0	VENTURA RIVER ESTUARY	622	2/10/93	13.0	-9	-9	-9.00	-9.00	-9	-9
44025.0	SANTA CLARA RIVER ESTUARY	625	2/10/93	13.0	-9	-9	-9.00	-9.00	-9	-9
40004.2	LOWER MAIN CHANNEL	789	5/6/93	18.0	ns	NT	90.30	3.80	ns	NT
40009.1	WEST BASIN ENTRANCE	790	5/6/93	18.0	ns	NT	87.60	7.10	ns	NT
40013.1	INNER QUEENSWAY BAY	791	5/6/93	18.0	ns	NT	90.30	1.00	ns	NT
40015.3	FISH HARBOR ENTRANCE	792	5/6/93	18.0	ns	NT	89.40	5.50	ns	NT
40016.2	TERMINAL ISLAND STP	793	5/6/93	18.0	ns	NT	86.70	3.20	ns	NT
40010.1	OFF CABRILLO BEACH	810	5/27/93	19.0	ns	NT	-9.00	-9.00	-9	-9
40017.3	LONG BEACH CHANNEL	811	5/27/93	19.0	*	T	-9.00	-9.00	-9	-9
40012.1	SOUTHEAST BASIN	812	5/27/93	19.0	ns	NT	-9.00	-9.00	-9	-9
40004.2	LOWER MAIN CHANNEL-REP 1	830	6/17/93	20.0	*	T	0.00	0.00	*	T
40004.2	LOWER MAIN CHANNEL-REP 2	831	6/17/93	20.0	*	T	41.30	20.00	*	T
40004.2	LOWER MAIN CHANNEL-REP 3	832	6/17/93	20.0	*	T	62.70	54.30	ns	NT
40009.1	WEST BASIN ENTRANCE-REP 1	834	6/17/93	20.0	*	T	78.50	4.10	*	NT
40009.1	WEST BASIN ENTRANCE-REP 2	835	6/17/93	20.0	*	T	89.10	2.70	ns	NT
40009.1	WEST BASIN ENTRANCE-REP 3	836	6/17/93	20.0	*	NT	87.90	3.80	ns	NT
40018.3	LONG BEACH OUTER HAR.-18-REP 1	884	8/5/93	22.0	*	NT	89.00	10.90	ns	NT
40018.3	LONG BEACH OUTER HAR.-18-REP 2	885	8/5/93	22.0	ns	NT	93.70	0.90	*	NT
40018.3	LONG BEACH OUTER HAR.-18-REP 3	886	8/5/93	22.0	*	T	81.40	20.70	ns	NT
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1002	8/19/93	23.0	*	T	93.00	3.00	ns	NT
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1003	8/19/93	23.0	*	T	93.20	1.00	ns	NT

Strongylocentrotus purpuratus Development Toxicity Test Data for Porewater

STANUM	STATION	IDORG	DATE	LEG	SPPD50_SG	SPPD50_TOX	SPPD25_MN	SPPD25_SD	SPPD25_SG	SPPD25_TOX
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1004	8/19/93	23.0	ns	NT	96.80	3.00	ns	NT
40031.2	PALOS V.(SWARTZ 6)-REP 4 BLIND	1005	8/19/93	23.0	*	T	12.20	21.20	*	T
40010.1	OFF CABRILLO BEACH-REP 1	1006	8/19/93	23.0	ns	NT	96.10	2.60	ns	NT
40010.2	OFF CABRILLO BEACH-REP 2	1007	8/19/93	23.0	*	T	38.40	3.90	*	T
40010.3	OFF CABRILLO BEACH-REP 3	1008	8/19/93	23.0	ns	NT	64.00	54.60	ns	NT
	CONTROL-C1			45.0	-9	-9	-9.00	-9.00	-9	-9
	CONTROL-C2			45.0	-9	-9	-9.00	-9.00	-9	-9
46001.0	HUGO NEUPROLER- #1	1623	6/20/96	45.0	-9	-9	-9.00	-9.00	-9	-9
46002.0	HUGO NEUPROLER- #2	1624	6/20/96	45.0	-9	-9	-9.00	-9.00	-9	-9
46003.0	HUGO NEUPROLER- #3	1625	6/20/96	45.0	-9	-9	-9.00	-9.00	-9	-9
44012.0	PORT HUENEME-WHARF B	1626	6/19/96	45.0	-9	-9	-9.00	-9.00	-9	-9
44013.0	PORT HUENEME-WHARF #1	1627	6/19/96	45.0	-9	-9	-9.00	-9.00	-9	-9
44027.0	MCGRATH LAKE ESTUARY	1628	6/19/96	45.0	-9	-9	-9.00	-9.00	-9	-9
44054.0	MUGU/ENTRANCE-REP 1	1629	6/19/96	45.0	-9	-9	-9.00	-9.00	-9	-9
44014.0	MARINA DEL REY	1630	6/19/96	45.0	-9	-9	-9.00	-9.00	-9	-9
44020.0	SHORELINE MARINA	1631	6/20/96	45.0	-9	-9	-9.00	-9.00	-9	-9
44012.0	SOUTHEAST BASIN	1632	6/20/96	45.0	-9	-9	-9.00	-9.00	-9	-9

Strongylocentrotus purpuratus Development Toxicity Test Data for Porewater

STANUM	STATION	IDORG	DATE	LEG	SPPD_BATCH	SPPDQC	SPPD_ITNH3	SPPD_IUNH3	SPPD_IH2S
44012.0	PORT HUENEME- WHARF B	612	1/13/93	11.0	-9	-9	-9.000	0.028	-8.0000
44013.0	PORT HUENEME- WHARF #1	613	1/12/93	11.0	-9	-9	-9.000	0.067	0.0001
44014.0	MARINA DEL REY	614	1/14/93	11.0	-9	-9	-9.000	0.039	0.0004
44016.0	MUGU LAGOON	616	1/12/93	11.0	-9	-9	-9.000	-9.000	-9.0000
44017.0	COLORADO LAGOON	617	1/14/93	11.0	-9	-9	-9.000	-9.000	-9.0000
44018.0	MALIBU LAGOON	618	1/13/93	11.0	-9	-9	-9.000	-9.000	-9.0000
44020.0	SHORELINE MARINA	620	1/14/93	11.0	-9	-9	-9.000	0.054	-8.0000
44021.0	VENTURA MARINA	621	1/13/93	11.0	-9	-9	-9.000	0.022	-8.0000
44023.0	CHANNEL ISLANDS HARBOR	623	1/13/93	11.0	-9	-9	-9.000	0.026	-8.0000
44024.0	BALLONA CREEK	624	1/14/93	11.0	-9	-9	-9.000	0.229	0.0040
44026.0	SIM'S POND	626	1/14/93	11.0	-9	-9	-9.000	-9.000	-9.0000
44027.0	MCGRATH LAKE ESTUARY	627	1/13/93	11.0	-9	-9	-9.000	-9.000	-9.0000
44050.0	CALLEGUS/OXNARD DITCH #3	651	1/12/93	11.0	-9	-9	-9.000	-9.000	-9.0000
44051.0	MUGU/MAIN LAGOON	652	1/12/93	11.0	-9	-9	-9.000	0.053	-8.0000
44052.0	MUGU/WESTERN ARM	653	1/12/93	11.0	-9	-9	-9.000	0.043	-8.0000
44053.0	MUGU/OXNARD DITCH #1	654	1/12/93	11.0	-9	-9	-9.000	0.053	0.0001
44054.0	MUGU/ENTRANCE	655	1/12/93	11.0	-9	-9	-9.000	0.173	-8.0000
44022.0	VENTURA RIVER ESTUARY	622	2/10/93	13.0	-9	-9	-9.000	-9.000	-9.0000
44025.0	SANTA CLARA RIVER ESTUARY	625	2/10/93	13.0	-9	-9	-9.000	-9.000	-9.0000
40004.2	LOWER MAIN CHANNEL	789	5/6/93	18.0	B018SPDA01	-4	-9.000	0.021	-8.0000
40009.1	WEST BASIN ENTRANCE	790	5/6/93	18.0	B018SPDA01	-4	-9.000	0.011	-8.0000
40013.1	INNER QUEENSWAY BAY	791	5/6/93	18.0	B018SPDA01	-4	-9.000	0.034	-8.0000
40015.3	FISH HARBOR ENTRANCE	792	5/6/93	18.0	B018SPDA01	-4	-9.000	0.015	-8.0000
40016.2	TERMINAL ISLAND STP	793	5/6/93	18.0	B018SPDA01	-4	-9.000	0.018	-8.0000
40010.1	OFF CABRILLO BEACH	810	5/27/93	19.0	-9	-9	-9.000	0.071	-8.0000
40017.3	LONG BEACH CHANNEL	811	5/27/93	19.0	-9	-9	-9.000	0.008	-8.0000
40012.1	SOUTHEAST BASIN	812	5/27/93	19.0	-9	-9	-9.000	0.021	-8.0000
40004.2	LOWER MAIN CHANNEL-REP 1	830	6/17/93	20.0	-9	-9	-9.000	0.108	-8.0000
40004.2	LOWER MAIN CHANNEL-REP 2	831	6/17/93	20.0	-9	-9	-9.000	0.041	-8.0000
40004.2	LOWER MAIN CHANNEL-REP 3	832	6/17/93	20.0	-9	-9	-9.000	0.046	-8.0000
40009.1	WEST BASIN ENTRANCE-REP 1	834	6/17/93	20.0	-9	-9	-9.000	0.076	-8.0000
40009.1	WEST BASIN ENTRANCE-REP 2	835	6/17/93	20.0	-9	-9	-9.000	0.025	-8.0000
40009.1	WEST BASIN ENTRANCE-REP 3	836	6/17/93	20.0	-9	-9	-9.000	0.078	-8.0000
40018.3	LONG BEACH OUTER HAR.-18-REP 1	884	8/5/93	22.0	-9	-9	-9.000	0.024	-8.0000
40018.3	LONG BEACH OUTER HAR.-18-REP 2	885	8/5/93	22.0	-9	-9	-9.000	0.024	-8.0000
40018.3	LONG BEACH OUTER HAR.-18-REP 3	886	8/5/93	22.0	-9	-9	-9.000	0.026	-8.0000
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1002	8/19/93	23.0	-9	-9	-9.000	0.030	-8.0000
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1003	8/19/93	23.0	-9	-9	-9.000	0.029	-8.0000

Strongylocentrotus purpuratus Development Toxicity Test Data for Porewater

STANUM	STATION	IDORG	DATE	LEG	SPPD_BATCH	SPPDQC	SPPD_ITNH3	SPPD_IUNH3	SPPD_IH2S
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1004	8/19/93	23.0	-9	-9	-9.000	0.022	0.0014
40031.2	PALOS V.(SWARTZ 6)-REP 4 BLIND	1005	8/19/93	23.0	-9	-9	-9.000	0.015	0.0003
40010.1	OFF CABRILLO BEACH-REP 1	1006	8/19/93	23.0	-9	-9	-9.000	0.026	-8.0000
40010.2	OFF CABRILLO BEACH-REP 2	1007	8/19/93	23.0	-9	-9	-9.000	0.028	-8.0000
40010.3	OFF CABRILLO BEACH-REP 3	1008	8/19/93	23.0	-9	-9	-9.000	0.024	-8.0000
	CONTROL-C1			45.0	l45tspd.xl	-4	1.600	0.049	-9.0000
	CONTROL-C2			45.0	l45tspd.xl	-4	0.860	0.027	-9.0000
46001.0	HUGO NEUPROLER- #1	1623	6/20/96	45.0	l45tspd.xl	-4	3.600	0.083	0.0253
46002.0	HUGO NEUPROLER- #2	1624	6/20/96	45.0	l45tspd.xl	-4	2.100	0.044	0.0325
46003.0	HUGO NEUPROLER- #3	1625	6/20/96	45.0	l45tspd.xl	-4	2.200	0.021	0.1300
44012.0	PORT HUENEME-WHARF B	1626	6/19/96	45.0	l45tspd.xl	-4	5.700	0.035	0.0482
44013.0	PORT HUENEME-WHARF #1	1627	6/19/96	45.0	l45tspd.xl	-4	4.900	0.070	0.1199
44027.0	MCGRATH LAKE ESTUARY	1628	6/19/96	45.0	l45tspd.xl	-4	1.200	0.035	0.0026
44054.0	MUGU/ENTRANCE-REP 1	1629	6/19/96	45.0	l45tspd.xl	-4	4.400	0.181	0.0238
44014.0	MARINA DEL REY	1630	6/19/96	45.0	l45tspd.xl	-4	0.980	0.016	0.0020
44020.0	SHORELINE MARINA	1631	6/20/96	45.0	l45tspd.xl	-4	5.500	0.212	0.0429
44012.0	SOUTHEAST BASIN	1632	6/20/96	45.0	l45tspd.xl	-4	1.400	0.034	0.0246

Section 7

Strongylocentrotus purpuratus Development in Intact Sediment Cores

Strongylocentrotus purpuratus Development Toxicity Test for Intact Sediment Cores

STANUM	STATION	IDORG	DATE	LEG	SPDI_MN	SPDI_SD	SPDI_SG	SPDI_TOX	SPDI_BATCH	SPDIQC	SPDI_OTNH3
	CONTROL-C1			45.0	94.00	2.00	-9	-9	l45tswi.xl	-4	0.620
	CONTROL-C1			48.0	96.00	4.00	-9	-9	l48tspdswi	-4	1.100
48001.0	MARINA DEL REY - A1 (X1)	1686	2/5/97	48.0	91.00	7.00	ns	NT	l48tspdswi	-4	-8.000
48002.0	MARINA DEL REY - A2 (X2)	1687	2/5/97	48.0	38.00	28.00	*	T	l48tspdswi	-4	2.500
48003.0	MARINA DEL REY - B1 (X1)	1688	2/5/97	48.0	78.00	21.00	ns	NT	l48tspdswi	-4	2.800
48004.0	MARINA DEL REY - B2 (X1)	1689	2/5/97	48.0	90.00	8.00	ns	NT	l48tspdswi	-4	1.400
48005.0	MARINA DEL REY - C1 (X1)	1690	2/5/97	48.0	57.00	39.00	*	NT	l48tspdswi	-4	5.100
48006.0	SHORELINE MARINA A1 (X1)	1691	2/4/97	48.0	86.00	12.00	ns	NT	l48tspdswi	-4	1.900
48007.0	SHORELINE MARINA B1 (X1)	1692	2/4/97	48.0	98.00	2.00	ns	NT	l48tspdswi	-4	0.450
48008.0	SHORELINE MARINA C1 (X1)	1693	2/4/97	48.0	96.00	2.00	ns	NT	l48tspdswi	-4	1.100
48009.0	SAN PEDRO BAY OUTER HARBOR	1694	2/4/97	48.0	95.00	6.00	ns	NT	l48tspdswi	-4	1.300
40018.3	LONG BEACH OUTER HARBOR - 18	1695	2/4/97	48.0	97.00	4.00	ns	NT	l48tspdswi	-4	0.600
40020.2	LONG BEACH OUTER HARBOR - 20	1696	2/4/97	48.0	95.00	2.00	ns	NT	l48tspdswi	-4	2.000
48010.0	TURNING BASIN	1697	2/4/97	48.0	72.00	41.00	ns	NT	l48tspdswi	-4	37.000
40015.1	FISH HARBOR ENTRANCE	1698	2/4/97	48.0	93.00	7.00	ns	NT	l48tspdswi	-4	2.900
40009.0	WEST BASIN ENTRANCE	1699	2/4/97	48.0	97.00	4.00	ns	NT	l48tspdswi	-4	1.300
48011.0	KING HARBOR	1700	2/5/97	48.0	66.00	33.00	ns	NT	l48tspdswi	-5	2.600
40023.1	ALAMITOS BAY-LONG BEACH MARINA	1701	2/4/97	48.0	65.00	30.00	*	NT	l48tspdswi	-4	3.500
48012.0	CHANNEL IS. HARBOR - FRONT	1702	2/3/97	48.0	92.00	5.00	ns	NT	l48tspdswi	-4	2.000
48013.0	WEST MUGU LAGOON - A1 (X2)	1703	2/6/97	48.0	97.00	2.00	ns	NT	l48tspdswi	-5	1.400
48014.0	WEST MUGU LAGOON - A2 (X3)	1704	2/6/97	48.0	82.00	16.00	ns	NT	l48tspdswi	-5	3.900
48015.0	CENTRAL MUGU LAGOON - B1 (X4)	1705	2/6/97	48.0	98.00	3.00	ns	NT	l48tspdswi	-4	1.800
48016.0	CENTRAL MUGU LAGOON - B2 (X3)	1706	2/6/97	48.0	89.00	12.00	ns	NT	l48tspdswi	-5	1.800
48017.0	EAST MUGU LAGOON - C1 (X1)	1707	2/6/97	48.0	13.00	14.00	*	T	l48tspdswi	-5	5.800
48018.0	EAST MUGU LAGOON - C2 (X2)	1708	2/6/97	48.0	22.00	42.00	*	T	l48tspdswi	-5	5.900
	CONTROL-C1			53.0	100.00	0.00	-9	-9	l53tspdswi	-4	0.790
48009.0	SAN PEDRO BAY OUTER HARBOR	1769	5/13/97	53.0	63.00	43.00	ns	NT	l53tspdswi	-4	0.560
40018.0	LONG BEACH OUTER HARBOR 18	1770	5/13/97	53.0	96.00	6.00	ns	NT	l53tspdswi	-4	0.360
40020.0	LONG BEACH OUTER HARBOR 20	1771	5/13/97	53.0	89.00	3.00	*	NT	l53tspdswi	-4	0.670
48010.0	TURNING BASIN	1772	5/13/97	53.0	87.00	9.00	*	NT	l53tspdswi	-4	1.100
40015.0	FISH HARBOR ENTRANCE	1773	5/13/97	53.0	96.00	4.00	*	NT	l53tspdswi	-4	1.500
40009.0	WEST BASIN ENTRANCE	1774	5/13/97	53.0	93.00	12.00	ns	NT	l53tspdswi	-4	0.610
48011.0	KING HARBOR	1775	5/12/97	53.0	3.00	5.00	*	T	l53tspdswi	-4	7.000
40023.0	ALAMITOS BAY-LONG BEACH MARINA	1776	5/13/97	53.0	51.00	35.00	*	T	l53tspdswi	-4	5.300
48012.0	CHANNEL IS. HARBOR - FRONT	1777	5/12/97	53.0	70.00	41.00	ns	NT	l53tspdswi	-4	3.900
49001.0	CABRILLO BEACH PIER - WEST	1778	5/13/97	53.0	-9.00	-9.00	-9	-9	l53tspdswi	-9	-9.000
49002.0	CABRILLO BEACH PIER - CENTRAL	1779	5/13/97	53.0	-9.00	-9.00	-9	-9	l53tspdswi	-9	-9.000
49003.0	CABRILLO BEACH PIER - EAST	1780	5/13/97	53.0	-9.00	-9.00	-9	-9	l53tspdswi	-9	-9.000

Strongylocentrotus purpuratus Development Toxicity Test for Intact Sediment Cores

STANUM	STATION	IDORG	DATE	LEG	SPDI_MN	SPDI_SD	SPDI_SG	SPDI_TOX	SPDI_BATCH	SPDIQC	SPDI_OTNH3
	CONTROL-C1			54.0	97.00	1.00	-9	-9	154tspdswi	-4	1.300
49004.0	KAISER INTL.- BERTH 49	1793	8/21/97	54.0	-9.00	-9.00	-9	-9	-9	-9	-9.000
49005.0	KAISER INTL.- BERTH 48	1794	8/21/97	54.0	-9.00	-9.00	-9	-9	-9	-9	-9.000

Strongylocentrotus purpuratus Development Toxicity Test for Intact Sediment Cores

STANUM	STATION	IDORG	DATE	LEG	SPDI_OUNH3	SPDI_OH2S
	CONTROL-C1			45.0	0.015	-9.0000
	CONTROL-C1			48.0	0.030	-9.0000
48001.0	MARINA DEL REY - A1 (X1)	1686	2/5/97	48.0	-8.000	-8.0000
48002.0	MARINA DEL REY - A2 (X2)	1687	2/5/97	48.0	0.022	-8.0000
48003.0	MARINA DEL REY - B1 (X1)	1688	2/5/97	48.0	0.038	-8.0000
48004.0	MARINA DEL REY - B2 (X1)	1689	2/5/97	48.0	0.018	-8.0000
48005.0	MARINA DEL REY - C1 (X1)	1690	2/5/97	48.0	0.073	-8.0000
48006.0	SHORELINE MARINA A1 (X1)	1691	2/4/97	48.0	0.023	-8.0000
48007.0	SHORELINE MARINA B1 (X1)	1692	2/4/97	48.0	0.006	-8.0000
48008.0	SHORELINE MARINA C1 (X1)	1693	2/4/97	48.0	0.013	-8.0000
48009.0	SAN PEDRO BAY OUTER HARBOR	1694	2/4/97	48.0	0.017	-8.0000
40018.3	LONG BEACH OUTER HARBOR - 18	1695	2/4/97	48.0	0.010	-8.0000
40020.2	LONG BEACH OUTER HARBOR - 20	1696	2/4/97	48.0	0.027	-8.0000
48010.0	TURNING BASIN	1697	2/4/97	48.0	0.474	-8.0000
40015.1	FISH HARBOR ENTRANCE	1698	2/4/97	48.0	0.037	-8.0000
40009.0	WEST BASIN ENTRANCE	1699	2/4/97	48.0	0.026	-8.0000
48011.0	KING HARBOR	1700	2/5/97	48.0	0.036	-8.0000
40023.1	ALAMITOS BAY-LONG BEACH MARINA	1701	2/4/97	48.0	0.041	-8.0000
48012.0	CHANNEL IS. HARBOR - FRONT	1702	2/3/97	48.0	0.027	-8.0000
48013.0	WEST MUGU LAGOON - A1 (X2)	1703	2/6/97	48.0	0.010	-8.0000
48014.0	WEST MUGU LAGOON - A2 (X3)	1704	2/6/97	48.0	0.037	-8.0000
48015.0	CENTRAL MUGU LAGOON - B1 (X4)	1705	2/6/97	48.0	0.030	-8.0000
48016.0	CENTRAL MUGU LAGOON - B2 (X3)	1706	2/6/97	48.0	0.021	-8.0000
48017.0	EAST MUGU LAGOON - C1 (X1)	1707	2/6/97	48.0	0.065	0.0074
48018.0	EAST MUGU LAGOON - C2 (X2)	1708	2/6/97	48.0	0.081	-8.0000
	CONTROL-C1			53.0	0.013	-9.0000
48009.0	SAN PEDRO BAY OUTER HARBOR	1769	5/13/97	53.0	0.012	0.0014
40018.0	LONG BEACH OUTER HARBOR 18	1770	5/13/97	53.0	0.008	0.0072
40020.0	LONG BEACH OUTER HARBOR 20	1771	5/13/97	53.0	0.015	0.0078
48010.0	TURNING BASIN	1772	5/13/97	53.0	0.020	0.0035
40015.0	FISH HARBOR ENTRANCE	1773	5/13/97	53.0	0.038	0.0020
40009.0	WEST BASIN ENTRANCE	1774	5/13/97	53.0	0.014	0.0096
48011.0	KING HARBOR	1775	5/12/97	53.0	0.241	0.0038
40023.0	ALAMITOS BAY-LONG BEACH MARINA	1776	5/13/97	53.0	0.150	0.0139
48012.0	CHANNEL IS. HARBOR - FRONT	1777	5/12/97	53.0	0.115	0.0037
49001.0	CABRILLO BEACH PIER - WEST	1778	5/13/97	53.0	-9.000	-9.0000
49002.0	CABRILLO BEACH PIER - CENTRAL	1779	5/13/97	53.0	-9.000	-9.0000
49003.0	CABRILLO BEACH PIER - EAST	1780	5/13/97	53.0	-9.000	-9.0000

Strongylocentrotus purpuratus Development Toxicity Test for Intact Sediment Cores

STANUM	STATION	IDORG	DATE	LEG	SPDI_OUNH3	SPDI_OH2S
	CONTROL-C1			54.0	0.030	0.0038
49004.0	KAISER INTL.- BERTH 49	1793	8/21/97	54.0	-9.000	-9.0000
49005.0	KAISER INTL.- BERTH 48	1794	8/21/97	54.0	-9.000	-9.0000

Section 8

Mytilus Larval Shell Development in Subsurface Water

Mytilus Larval Shell Toxicity Test for Subsurface Water

STANUM	STATION	IDORG	DATE	LEG	MES100_MN	MES100_SD	MES100_SG	MES100_TOX	MES_OUNH3	MES_OTNH3	MES_OH2S
44011.0	LOS CERRITOS CHNL TIDAL P	611	1/14/93	11.0	72.70	8.40	ns	NT	0.008	-9.000	-9.0000
44012.0	PORT HUENEME- WHARF B	612	1/13/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44013.0	PORT HUENEME- WHARF #1	613	1/12/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44014.0	MARINA DEL REY	614	1/14/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44016.0	MUGU LAGOON	616	1/12/93	11.0	73.70	8.90	ns	NT	0.012	-9.000	-9.0000
44017.0	COLORADO LAGOON	617	1/14/93	11.0	76.50	6.30	ns	NT	-8.000	-9.000	-9.0000
44018.0	MALIBU LAGOON	618	1/13/93	11.0	41.50	2.40	*	T	0.006	-9.000	-9.0000
44020.0	SHORELINE MARINA	620	1/14/93	11.0	73.00	15.00	ns	NT	0.006	-9.000	-9.0000
44021.0	VENTURA MARINA	621	1/13/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44023.0	CHANNEL ISLANDS HARBOR	623	1/13/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44024.0	BALLONA CREEK	624	1/14/93	11.0	58.50	9.60	*	NT	0.011	-9.000	-9.0000
44026.0	SIM'S POND	626	1/14/93	11.0	71.50	20.20	ns	NT	-8.000	-9.000	-9.0000
44027.0	MCGRATH LAKE ESTUARY	627	1/13/93	11.0	73.30	4.60	*	NT	0.010	-9.000	-9.0000
44050.0	CALLEGUS/OXNARD DITCH #3	651	1/12/93	11.0	78.70	7.00	ns	NT	0.008	-9.000	-9.0000
44051.0	MUGU/MAIN LAGOON	652	1/12/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44052.0	MUGU/WESTERN ARM	653	1/12/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44053.0	MUGU/OXNARD DITCH #1	654	1/12/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44054.0	MUGU/ENTRANCE	655	1/12/93	11.0	75.30	5.60	ns	NT	-8.000	-9.000	-9.0000
44022.0	VENTURA RIVER ESTUARY	622	2/10/93	13.0	100.00	0.00	ns	NT	0.017	-9.000	-9.0000
44025.0	SANTA CLARA RIVER ESTUARY	625	2/10/93	13.0	100.00	0.00	*	T	0.016	-9.000	-9.0000

Mytilus Larval Shell Toxicity Test for Subsurface Water

STANUM	STATION	IDORG	DATE	LEG	MES_BATCH	MESQC
44011.0	LOS CERRITOS CHNL TIDAL P	611	1/14/93	11.0	-9	-9
44012.0	PORT HUENEME- WHARF B	612	1/13/93	11.0	-9	-9
44013.0	PORT HUENEME- WHARF #1	613	1/12/93	11.0	-9	-9
44014.0	MARINA DEL REY	614	1/14/93	11.0	-9	-9
44016.0	MUGU LAGOON	616	1/12/93	11.0	-9	-9
44017.0	COLORADO LAGOON	617	1/14/93	11.0	-9	-9
44018.0	MALIBU LAGOON	618	1/13/93	11.0	-9	-9
44020.0	SHORELINE MARINA	620	1/14/93	11.0	-9	-9
44021.0	VENTURA MARINA	621	1/13/93	11.0	-9	-9
44023.0	CHANNEL ISLANDS HARBOR	623	1/13/93	11.0	-9	-9
44024.0	BALLONA CREEK	624	1/14/93	11.0	-9	-9
44026.0	SIM'S POND	626	1/14/93	11.0	-9	-9
44027.0	MCGRATH LAKE ESTUARY	627	1/13/93	11.0	-9	-9
44050.0	CALLEGUS/OXNARD DITCH #3	651	1/12/93	11.0	-9	-9
44051.0	MUGU/MAIN LAGOON	652	1/12/93	11.0	-9	-9
44052.0	MUGU/WESTERN ARM	653	1/12/93	11.0	-9	-9
44053.0	MUGU/OXNARD DITCH #1	654	1/12/93	11.0	-9	-9
44054.0	MUGU/ENTRANCE	655	1/12/93	11.0	-9	-9
44022.0	VENTURA RIVER ESTUARY	622	2/10/93	13.0	-9	-9
44025.0	SANTA CLARA RIVER ESTUARY	625	2/10/93	13.0	-9	-9

Section 9

Mytilus Larval Shell Development in Porewater

Mytilus Larval Shell Development Toxicity Test for Porewater

STANUM	STATION	IDORG	DATE	LEG	MEP100_MN	MEP100_SD	MEP100_SG	MEP100_TOX	MEP_ITNH3	MEP_IUNH3	MEP_IH2S
44011.0	LOS CERRITOS CHNL TIDAL P	611	1/14/93	11.0	100.00	0.00	*	NT	-9.000	0.200	-8.0000
44012.0	PORT HUENEME- WHARF B	612	1/13/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44013.0	PORT HUENEME- WHARF #1	613	1/12/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44014.0	MARINA DEL REY	614	1/14/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44016.0	MUGU LAGOON	616	1/12/93	11.0	100.00	0.00	*	NT	-9.000	0.077	-8.0000
44017.0	COLORADO LAGOON	617	1/14/93	11.0	0.20	0.40	*	T	-9.000	0.448	0.0025
44018.0	MALIBU LAGOON	618	1/13/93	11.0	100.00	0.00	*	NT	-9.000	0.097	0.0004
44020.0	SHORELINE MARINA	620	1/14/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44021.0	VENTURA MARINA	621	1/13/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44023.0	CHANNEL ISLANDS HARBOR	623	1/13/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44024.0	BALLONA CREEK	624	1/14/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44026.0	SIM'S POND	626	1/14/93	11.0	46.70	7.90	*	T	-9.000	0.194	-8.0000
44027.0	MCGRATH LAKE ESTUARY	627	1/13/93	11.0	4.00	8.90	*	T	-9.000	0.597	-8.0000
44050.0	CALLEGUS/OXNARD DITCH #3	651	1/12/93	11.0	100.00	0.00	*	NT	-9.000	0.070	-8.0000
44051.0	MUGU/MAIN LAGOON	652	1/12/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44052.0	MUGU/WESTERN ARM	653	1/12/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44053.0	MUGU/OXNARD DITCH #1	654	1/12/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44054.0	MUGU/ENTRANCE	655	1/12/93	11.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
44022.0	VENTURA RIVER ESTUARY	622	2/10/93	13.0	100.00	0.00	ns	NT	-9.000	0.019	-8.0000
44025.0	SANTA CLARA RIVER ESTUARY	625	2/10/93	13.0	100.00	0.00	ns	NT	-9.000	0.022	-8.0000

Mytilus Larval Shell Development Toxicity Test for Porewater

STANUM	STATION	IDORG	DATE	LEG	MEP_BATCH	MEPQC
44011.0	LOS CERRITOS CHNL TIDAL P	611	1/14/93	11.0	-9	-9
44012.0	PORT HUENEME- WHARF B	612	1/13/93	11.0	-9	-9
44013.0	PORT HUENEME- WHARF #1	613	1/12/93	11.0	-9	-9
44014.0	MARINA DEL REY	614	1/14/93	11.0	-9	-9
44016.0	MUGU LAGOON	616	1/12/93	11.0	-9	-9
44017.0	COLORADO LAGOON	617	1/14/93	11.0	-9	-9
44018.0	MALIBU LAGOON	618	1/13/93	11.0	-9	-9
44020.0	SHORELINE MARINA	620	1/14/93	11.0	-9	-9
44021.0	VENTURA MARINA	621	1/13/93	11.0	-9	-9
44023.0	CHANNEL ISLANDS HARBOR	623	1/13/93	11.0	-9	-9
44024.0	BALLONA CREEK	624	1/14/93	11.0	-9	-9
44026.0	SIM'S POND	626	1/14/93	11.0	-9	-9
44027.0	MCGRATH LAKE ESTUARY	627	1/13/93	11.0	-9	-9
44050.0	CALLEGUS/OXNARD DITCH #3	651	1/12/93	11.0	-9	-9
44051.0	MUGU/MAIN LAGOON	652	1/12/93	11.0	-9	-9
44052.0	MUGU/WESTERN ARM	653	1/12/93	11.0	-9	-9
44053.0	MUGU/OXNARD DITCH #1	654	1/12/93	11.0	-9	-9
44054.0	MUGU/ENTRANCE	655	1/12/93	11.0	-9	-9
44022.0	VENTURA RIVER ESTUARY	622	2/10/93	13.0	-9	-9
44025.0	SANTA CLARA RIVER ESTUARY	625	2/10/93	13.0	-9	-9

Section 10

Neanthes arenaceodentata Survival in Sediment

Neanthes arenaceodentata Survival Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	NASURV_MN	NASURV_SD	NASURV_SG	NASURV_TOX	NAWT_MN	NAWT_SD	NAWT_SG
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1002	8/19/93	23.0	96.00	8.90	ns	NT	13.80	3.20	ns
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1003	8/19/93	23.0	100.00	0.00	ns	NT	13.30	2.20	ns
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1004	8/19/93	23.0	100.00	0.00	ns	NT	13.20	2.10	ns
40031.2	PALOS V.(SWARTZ 6)-REP 4 BLIND	1005	8/19/93	23.0	76.00	43.40	ns	NT	12.10	1.70	ns
40010.1	OFF CABRILLO BEACH-REP 1	1006	8/19/93	23.0	100.00	0.00	ns	NT	13.40	3.30	ns
40010.2	OFF CABRILLO BEACH-REP 2	1007	8/19/93	23.0	92.00	11.00	ns	NT	13.20	1.20	ns
40010.3	OFF CABRILLO BEACH-REP 3	1008	8/19/93	23.0	100.00	0.00	ns	NT	12.10	2.30	ns
	CONTROL-CH3			25.0	100.00	0.00	-9	-9	12.20	4.63	-9
	CONTROL-CH2			25.0	100.00	0.00	-9	-9	11.52	3.92	-9
	CONTROL-CH1			25.0	100.00	0.00	-9	-9	10.76	2.07	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1038	2/2/94	25.0	100.00	0.00	ns	NT	11.18	4.33	ns
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1039	2/2/94	25.0	100.00	0.00	ns	NT	9.35	3.42	ns
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1040	2/2/94	25.0	92.00	10.95	ns	NT	9.64	3.03	ns
40018.3	LONG BEACH OUTER HAR. -18 REP1	1041	1/31/94	25.0	92.00	10.95	ns	NT	6.52	2.66	*
40018.3	LONG BEACH OUTER HAR. -18 REP2	1042	1/31/94	25.0	96.00	8.94	ns	NT	8.78	2.95	ns
40018.3	LONG BEACH OUTER HAR. -18 REP3	1043	1/31/94	25.0	88.00	17.89	ns	NT	11.71	2.21	ns
40012.1	SOUTHEAST BASIN- REP1	1047	2/1/94	25.0	92.00	17.89	ns	NT	9.55	4.75	ns
40012.1	SOUTHEAST BASIN- REP2	1048	2/1/94	25.0	84.00	21.91	ns	NT	11.94	4.46	ns
40012.1	SOUTHEAST BASIN- REP3	1049	2/1/94	25.0	100.00	0.00	ns	NT	9.64	2.96	ns
40006.1	CONSOLIDATED SLIP- REP 1	1050	2/1/94	25.0	100.00	0.00	ns	NT	8.02	1.85	*
40006.1	CONSOLIDATED SLIP- REP 2	1051	2/1/94	25.0	84.00	16.73	ns	NT	12.73	2.66	ns
40006.1	CONSOLIDATED SLIP- REP 3	1052	2/1/94	25.0	96.00	8.94	ns	NT	8.85	4.74	ns
40003.2	TURNING BASIN, PIER 151- REP 1	1053	2/2/94	25.0	88.00	10.95	ns	NT	11.17	5.29	ns
40003.2	TURNING BASIN, PIER 151- REP 2	1054	2/2/94	25.0	100.00	0.00	ns	NT	9.47	2.88	ns
40003.2	TURNING BASIN, PIER 151- REP 3	1055	2/2/94	25.0	96.00	8.94	ns	NT	11.09	2.66	ns
40013.1	INNER QUEENSWAY BAY- REP 1	1056	2/1/94	25.0	96.00	8.94	ns	NT	10.58	2.54	ns
40013.1	INNER QUEENSWAY BAY- REP 2	1057	2/1/94	25.0	88.00	17.89	ns	NT	13.69	5.54	ns
40013.1	INNER QUEENSWAY BAY- REP 3	1058	2/1/94	25.0	92.00	10.95	ns	NT	8.14	1.96	*
40017.3	LONG BEACH CHANNEL- REP 1	1059	1/31/94	25.0	96.00	8.94	ns	NT	11.18	3.31	ns
40017.3	LONG BEACH CHANNEL- REP 2	1060	1/31/94	25.0	92.00	10.95	ns	NT	9.88	4.92	ns
40017.3	LONG BEACH CHANNEL- REP 3	1061	1/31/94	25.0	88.00	17.89	ns	NT	9.68	2.18	ns
40001.2	SOUTHWEST SLIP- REP 1	1062	2/1/94	25.0	88.00	17.89	ns	NT	8.26	3.31	ns
40001.2	SOUTHWEST SLIP- REP 2	1063	2/1/94	25.0	96.00	8.94	ns	NT	9.02	1.40	ns
40001.2	SOUTHWEST SLIP- REP 3	1064	2/1/94	25.0	96.00	8.94	ns	NT	10.70	3.39	ns
44020.0	SHORELINE MARINA- REP 1	1065	2/1/94	25.0	100.00	0.00	ns	NT	10.58	0.85	ns
44020.0	SHORELINE MARINA- REP 2	1066	2/1/94	25.0	100.00	0.00	ns	NT	9.69	1.22	ns
44020.0	SHORELINE MARINA- REP 3	1067	2/1/94	25.0	96.00	8.94	ns	NT	11.16	3.38	ns
	CONTROL-CH1			26.0	95.00	10.00	-9	-9	4.51	2.71	-9
	CONTROL-CH3			26.0	100.00	0.00	-9	-9	3.66	0.75	-9
	CONTROL-CH2			26.0	92.00	11.00	-9	-9	4.59	1.93	-9

Neanthes arenaceodentata Survival Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	NASURV_MN	NASURV_SD	NASURV_SG	NASURV_TOX	NAWT_MN	NAWT_SD	NAWT_SG
40010.1	OFF CABRILLO BEACH-REP 1	1068	2/15/94	26.0	88.00	10.95	ns	NT	3.05	0.85	ns
40010.1	OFF CABRILLO BEACH-REP 2	1069	2/15/94	26.0	96.00	8.94	ns	NT	5.21	1.76	ns
40010.1	OFF CABRILLO BEACH-REP 3	1070	2/15/94	26.0	76.00	21.91	ns	NT	3.20	0.69	ns
40010.2	OFF CABRILLO BEACH-REP 1	1071	2/15/94	26.0	92.00	10.95	ns	NT	4.99	3.87	ns
40010.2	OFF CABRILLO BEACH-REP 2	1072	2/15/94	26.0	84.00	16.73	ns	NT	3.55	1.42	ns
40010.2	OFF CABRILLO BEACH-REP 3	1073	2/15/94	26.0	84.00	35.78	ns	NT	2.92	0.89	ns
40010.3	OFF CABRILLO BEACH-REP 1	1074	2/15/94	26.0	88.00	17.89	ns	NT	2.74	0.46	ns
40010.3	OFF CABRILLO BEACH-REP 2	1075	2/15/94	26.0	92.00	17.89	ns	NT	2.49	0.80	ns
40010.3	OFF CABRILLO BEACH-REP 3	1076	2/15/94	26.0	100.00	0.00	ns	NT	2.88	1.27	ns
44011.0	LOS CERRITOS CHNL TIDAL P-REP1	1077	2/16/94	26.0	80.00	20.00	ns	NT	3.70	2.00	ns
44011.0	LOS CERRITOS CHNL TIDAL P-REP2	1078	2/16/94	26.0	64.00	21.91	ns	NT	4.09	2.15	ns
44011.0	LOS CERRITOS CHNL TIDAL P-REP3	1079	2/16/94	26.0	92.00	17.89	ns	NT	5.07	2.76	ns
44014.0	MARINA DEL REY-REP 1	1080	2/15/94	26.0	88.00	10.95	ns	NT	3.12	1.01	ns
44014.0	MARINA DEL REY-REP 2	1081	2/15/94	26.0	92.00	17.89	ns	NT	3.74	0.66	ns
44014.0	MARINA DEL REY-REP 3	1082	2/15/94	26.0	92.00	10.95	ns	NT	3.77	1.18	ns
44024.0	BALLONA CREEK-REP 1	1083	2/15/94	26.0	84.00	35.78	ns	NT	3.02	1.06	ns
44024.0	BALLONA CREEK-REP 2	1084	2/15/94	26.0	92.00	10.95	ns	NT	3.51	1.20	ns
44024.0	BALLONA CREEK REP3	1085	2/15/94	26.0	36.00	40.99	ns	NT	3.21	0.93	ns
	CONTROL-CH1			30.0	88.00	11.00	-9	-9	3.78	1.36	-9
	CONTROL-CH2			30.0	96.00	8.90	-9	-9	7.52	2.90	-9
	CONTROL-CH3			30.0	72.00	41.50	-9	-9	4.88	0.70	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1189	4/13/94	30.0	80.00	28.28	ns	NT	9.17	3.81	ns
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1190	4/13/94	30.0	80.00	44.72	ns	NT	7.02	3.31	ns
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1191	4/13/94	30.0	92.00	17.89	ns	NT	8.63	2.18	ns
40018.3	LONG BEACH OUTER HAR.-18-REP 1	1192	4/12/94	30.0	92.00	10.95	ns	NT	4.72	2.11	ns
40018.3	LONG BEACH OUTER HAR.-18-REP 2	1193	4/12/94	30.0	100.00	0.00	ns	NT	6.26	2.96	ns
40018.3	LONG BEACH OUTER HAR.-18-REP 3	1194	4/12/94	30.0	96.00	8.94	ns	NT	6.21	2.76	ns
44055.0	L.B. NAVAL STN.-PIER 3-REP 1	1198	4/12/94	30.0	88.00	17.89	ns	NT	7.16	4.32	ns
44055.0	L.B. NAVAL STN.-PIER 3-REP 2	1199	4/12/94	30.0	84.00	16.73	ns	NT	9.45	3.30	ns
44055.0	L.B. NAVAL STN.-PIER 3-REP 3	1200	4/12/94	30.0	92.00	17.89	ns	NT	8.35	3.05	ns
44023.0	CHANNEL ISLANDS HARBOR-REP 1	1207	4/13/94	30.0	68.00	30.33	*	NT	4.83	1.02	ns
44023.0	CHANNEL ISLANDS HARBOR-REP 2	1208	4/13/94	30.0	92.00	10.95	*	NT	6.76	3.75	ns
44023.0	CHANNEL ISLANDS HARBOR-REP 3	1209	4/13/94	30.0	88.00	10.95	ns	NT	6.51	1.30	ns
44027.0	MCGRATH LAKE ESTUARY-REP 1	1210	4/13/94	30.0	56.00	38.47	ns	NT	6.71	3.87	ns
44027.0	MCGRATH LAKE ESTUARY-REP 2	1211	4/13/94	30.0	80.00	20.00	ns	NT	7.50	1.84	ns
44027.0	MCGRATH LAKE ESTUARY-REP 3	1212	4/13/94	30.0	100.00	0.00	ns	NT	9.47	5.20	ns
44054.0	MUGU/ENTRANCE-REP 1	1213	4/14/94	30.0	88.00	10.95	ns	NT	6.74	3.12	ns
44054.0	MUGU/ENTRANCE-REP 2	1214	4/14/94	30.0	72.00	17.89	ns	NT	8.21	2.97	ns
44054.0	MUGU/ENTRANCE-REP 3	1215	4/14/94	30.0	96.00	8.94	ns	NT	5.15	2.04	ns
44053.0	MUGU/OXNARD DITCH #1-REP 1	1216	4/14/94	30.0	92.00	10.95	ns	NT	4.33	1.23	*

Neanthes arenaceodentata Survival Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	NASURV_MN	NASURV_SD	NASURV_SG	NASURV_TOX	NAWT_MN	NAWT_SD	NAWT_SG
44053.0	MUGU/OXNARD DITCH #1-REP 2	1217	4/14/94	30.0	72.00	41.47	ns	NT	3.11	0.43	*
44053.0	MUGU/OXNARD DITCH #1-REP 3	1218	4/14/94	30.0	92.00	17.89	ns	NT	4.67	1.46	*
	CONTROL-CH2			32.0	-9.00	-9.00	-9	-9	-9.00	-9.00	-9
	CONTROL-CH3			32.0	-9.00	-9.00	-9	-9	-9.00	-9.00	-9
	CONTROL-CH1			32.0	96.00	9.00	-9	-9	10.99	3.94	-9
40010.1	OFF CABRILLO BEACH	1331	5/19/94	32.0	96.00	8.94	ns	NT	7.60	0.98	ns
40010.2	OFF CABRILLO BEACH	1332	5/19/94	32.0	96.00	8.94	ns	NT	6.12	2.14	*
40010.3	OFF CABRILLO BEACH	1333	5/19/94	32.0	76.00	21.91	*	NT	6.26	1.62	*
40018.3	LONG BEACH OUTER HAR.-18	1334	5/19/94	32.0	96.00	8.94	ns	NT	9.01	2.38	ns

Neanthes arenaceodentata Survival Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	NAWT_TOX	NA_OTNH3	NA_OUNH3	NA_OH2S	NA_ITNH3	NA_IUNH3	NA_IH2S	NA_BATCH
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1002	8/19/93	23.0	NT	-9.000	0.368	-8.0000	-9.000	-9.000	-9.0000	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1003	8/19/93	23.0	NT	-9.000	0.280	-8.0000	-9.000	-9.000	-9.0000	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1004	8/19/93	23.0	NT	-9.000	0.172	-8.0000	-9.000	-9.000	-9.0000	-9
40031.2	PALOS V.(SWARTZ 6)-REP 4 BLIND	1005	8/19/93	23.0	NT	-9.000	0.201	-8.0000	-9.000	-9.000	-9.0000	-9
40010.1	OFF CABRILLO BEACH-REP 1	1006	8/19/93	23.0	NT	-9.000	0.194	-8.0000	-9.000	-9.000	-9.0000	-9
40010.2	OFF CABRILLO BEACH-REP 2	1007	8/19/93	23.0	NT	-9.000	0.200	-8.0000	-9.000	-9.000	-9.0000	-9
40010.3	OFF CABRILLO BEACH-REP 3	1008	8/19/93	23.0	NT	-9.000	0.141	-8.0000	-9.000	-9.000	-9.0000	-9
	CONTROL-CH3			25.0	-9	3.120	0.127	-8.0000	-9.000	-9.000	-9.0000	-9
	CONTROL-CH2			25.0	-9	2.910	0.068	0.0026	-9.000	-9.000	-9.0000	-9
	CONTROL-CH1			25.0	-9	2.750	0.079	-8.0000	-9.000	-9.000	-9.0000	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1038	2/2/94	25.0	NT	5.250	0.411	0.0008	-9.000	-9.000	-9.0000	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1039	2/2/94	25.0	NT	4.100	0.098	-8.0000	-9.000	-9.000	-9.0000	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1040	2/2/94	25.0	NT	3.800	0.179	-8.0000	-9.000	-9.000	-9.0000	-9
40018.3	LONG BEACH OUTER HAR. -18 REP1	1041	1/31/94	25.0	NT	3.300	0.121	-8.0000	-9.000	-9.000	-9.0000	-9
40018.3	LONG BEACH OUTER HAR. -18 REP2	1042	1/31/94	25.0	NT	0.980	0.029	-8.0000	-9.000	-9.000	-9.0000	-9
40018.3	LONG BEACH OUTER HAR. -18 REP3	1043	1/31/94	25.0	NT	2.300	0.097	-8.0000	-9.000	-9.000	-9.0000	-9
40012.1	SOUTHEAST BASIN- REP1	1047	2/1/94	25.0	NT	3.100	0.121	-8.0000	-9.000	-9.000	-9.0000	-9
40012.1	SOUTHEAST BASIN- REP2	1048	2/1/94	25.0	NT	2.500	0.093	-8.0000	-9.000	-9.000	-9.0000	-9
40012.1	SOUTHEAST BASIN- REP3	1049	2/1/94	25.0	NT	2.900	0.087	-8.0000	-9.000	-9.000	-9.0000	-9
40006.1	CONSOLIDATED SLIP- REP 1	1050	2/1/94	25.0	NT	2.900	0.087	-8.0000	-9.000	-9.000	-9.0000	-9
40006.1	CONSOLIDATED SLIP- REP 2	1051	2/1/94	25.0	NT	4.000	0.120	-8.0000	-9.000	-9.000	-9.0000	-9
40006.1	CONSOLIDATED SLIP- REP 3	1052	2/1/94	25.0	NT	3.500	0.105	-8.0000	-9.000	-9.000	-9.0000	-9
40003.2	TURNING BASIN, PIER 151- REP 1	1053	2/2/94	25.0	NT	3.050	0.109	-8.0000	-9.000	-9.000	-9.0000	-9
40003.2	TURNING BASIN, PIER 151- REP 2	1054	2/2/94	25.0	NT	4.700	0.099	-8.0000	-9.000	-9.000	-9.0000	-9
40003.2	TURNING BASIN, PIER 151- REP 3	1055	2/2/94	25.0	NT	2.900	0.069	-8.0000	-9.000	-9.000	-9.0000	-9
40013.1	INNER QUEENSWAY BAY- REP 1	1056	2/1/94	25.0	NT	4.200	0.125	-8.0000	-9.000	-9.000	-9.0000	-9
40013.1	INNER QUEENSWAY BAY- REP 2	1057	2/1/94	25.0	NT	5.710	0.163	-8.0000	-9.000	-9.000	-9.0000	-9
40013.1	INNER QUEENSWAY BAY- REP 3	1058	2/1/94	25.0	NT	5.760	0.236	-8.0000	-9.000	-9.000	-9.0000	-9
40017.3	LONG BEACH CHANNEL- REP 1	1059	1/31/94	25.0	NT	4.300	0.128	-8.0000	-9.000	-9.000	-9.0000	-9
40017.3	LONG BEACH CHANNEL- REP 2	1060	1/31/94	25.0	NT	4.400	0.105	-8.0000	-9.000	-9.000	-9.0000	-9
40017.3	LONG BEACH CHANNEL- REP 3	1061	1/31/94	25.0	NT	4.500	0.107	-8.0000	-9.000	-9.000	-9.0000	-9
40001.2	SOUTHWEST SLIP- REP 1	1062	2/1/94	25.0	NT	3.800	0.114	-8.0000	-9.000	-9.000	-9.0000	-9
40001.2	SOUTHWEST SLIP- REP 2	1063	2/1/94	25.0	NT	4.000	0.120	-8.0000	-9.000	-9.000	-9.0000	-9
40001.2	SOUTHWEST SLIP- REP 3	1064	2/1/94	25.0	NT	3.400	0.102	-8.0000	-9.000	-9.000	-9.0000	-9
44020.0	SHORELINE MARINA- REP 1	1065	2/1/94	25.0	NT	3.000	0.112	-8.0000	-9.000	-9.000	-9.0000	-9
44020.0	SHORELINE MARINA- REP 2	1066	2/1/94	25.0	NT	2.900	0.108	-8.0000	-9.000	-9.000	-9.0000	-9
44020.0	SHORELINE MARINA- REP 3	1067	2/1/94	25.0	NT	1.700	0.063	-8.0000	-9.000	-9.000	-9.0000	-9
	CONTROL-CH1			26.0	-9	3.500	0.497	0.0018	-9.000	-9.000	-9.0000	-9
	CONTROL-CH3			26.0	-9	3.800	0.125	-8.0000	-9.000	-9.000	-9.0000	-9
	CONTROL-CH2			26.0	-9	3.600	0.152	-8.0000	-9.000	-9.000	-9.0000	-9

Neanthes arenaceodentata Survival Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	NAWT_TOX	NA_OTNH3	NA_OUNH3	NA_OH2S	NA_ITNH3	NA_IUNH3	NA_IH2S	NA_BATCH
40010.1	OFF CABRILLO BEACH-REP 1	1068	2/15/94	26.0	NT	4.600	0.161	-8.0000	-9.000	-9.000	-9.0000	-9
40010.1	OFF CABRILLO BEACH-REP 2	1069	2/15/94	26.0	NT	5.300	0.226	-8.0000	-9.000	-9.000	-9.0000	-9
40010.1	OFF CABRILLO BEACH-REP 3	1070	2/15/94	26.0	NT	5.600	0.219	-8.0000	-9.000	-9.000	-9.0000	-9
40010.2	OFF CABRILLO BEACH-REP 1	1071	2/15/94	26.0	NT	5.800	0.373	-8.0000	-9.000	-9.000	-9.0000	-9
40010.2	OFF CABRILLO BEACH-REP 2	1072	2/15/94	26.0	NT	4.800	0.202	-8.0000	-9.000	-9.000	-9.0000	-9
40010.2	OFF CABRILLO BEACH-REP 3	1073	2/15/94	26.0	NT	5.400	0.245	-8.0000	-9.000	-9.000	-9.0000	-9
40010.3	OFF CABRILLO BEACH-REP 1	1074	2/15/94	26.0	NT	6.900	0.193	-8.0000	-9.000	-9.000	-9.0000	-9
40010.3	OFF CABRILLO BEACH-REP 2	1075	2/15/94	26.0	NT	4.400	0.144	-8.0000	-9.000	-9.000	-9.0000	-9
40010.3	OFF CABRILLO BEACH-REP 3	1076	2/15/94	26.0	NT	3.700	0.217	-8.0000	-9.000	-9.000	-9.0000	-9
44011.0	LOS CERRITOS CHNL TIDAL P-REP1	1077	2/16/94	26.0	NT	10.000	0.519	-8.0000	-9.000	-9.000	-9.0000	-9
44011.0	LOS CERRITOS CHNL TIDAL P-REP2	1078	2/16/94	26.0	NT	8.100	0.330	-8.0000	-9.000	-9.000	-9.0000	-9
44011.0	LOS CERRITOS CHNL TIDAL P-REP3	1079	2/16/94	26.0	NT	8.200	0.344	-8.0000	-9.000	-9.000	-9.0000	-9
44014.0	MARINA DEL REY-REP 1	1080	2/15/94	26.0	NT	2.800	0.115	-8.0000	-9.000	-9.000	-9.0000	-9
44014.0	MARINA DEL REY-REP 2	1081	2/15/94	26.0	NT	3.300	0.119	-8.0000	-9.000	-9.000	-9.0000	-9
44014.0	MARINA DEL REY-REP 3	1082	2/15/94	26.0	NT	4.900	0.204	-8.0000	-9.000	-9.000	-9.0000	-9
44024.0	BALLONA CREEK-REP 1	1083	2/15/94	26.0	NT	6.300	0.901	-8.0000	-9.000	-9.000	-9.0000	-9
44024.0	BALLONA CREEK-REP 2	1084	2/15/94	26.0	NT	7.200	0.464	-8.0000	-9.000	-9.000	-9.0000	-9
44024.0	BALLONA CREEK REP3	1085	2/15/94	26.0	NT	7.800	0.363	-8.0000	-9.000	-9.000	-9.0000	-9
	CONTROL-CH1			30.0	-9	6.710	0.256	0.0007	-9.000	-9.000	-9.0000	-9
	CONTROL-CH2			30.0	-9	6.200	0.170	0.0009	-9.000	-9.000	-9.0000	-9
	CONTROL-CH3			30.0	-9	6.200	0.194	0.0007	-9.000	-9.000	-9.0000	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1189	4/13/94	30.0	NT	8.210	0.245	0.0019	8.100	0.088	0.0260	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1190	4/13/94	30.0	NT	8.620	0.282	0.0022	-9.000	-9.000	-9.0000	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1191	4/13/94	30.0	NT	8.400	0.274	0.0012	-9.000	-9.000	-9.0000	-9
40018.3	LONG BEACH OUTER HAR.-18-REP 1	1192	4/12/94	30.0	NT	7.960	0.236	0.0069	13.000	0.047	0.0308	-9
40018.3	LONG BEACH OUTER HAR.-18-REP 2	1193	4/12/94	30.0	NT	8.980	0.240	0.0162	-9.000	-9.000	-9.0000	-9
40018.3	LONG BEACH OUTER HAR.-18-REP 3	1194	4/12/94	30.0	NT	6.650	0.190	0.0044	-9.000	-9.000	-9.0000	-9
44055.0	L.B. NAVAL STN.-PIER 3-REP 1	1198	4/12/94	30.0	NT	4.200	0.088	0.0027	12.000	0.053	0.0309	-9
44055.0	L.B. NAVAL STN.-PIER 3-REP 2	1199	4/12/94	30.0	NT	6.500	0.137	0.0014	-9.000	-9.000	-9.0000	-9
44055.0	L.B. NAVAL STN.-PIER 3-REP 3	1200	4/12/94	30.0	NT	7.100	0.162	0.0086	-9.000	-9.000	-9.0000	-9
44023.0	CHANNEL ISLANDS HARBOR-REP 1	1207	4/13/94	30.0	NT	10.000	0.279	0.0007	25.000	0.201	0.0246	-9
44023.0	CHANNEL ISLANDS HARBOR-REP 2	1208	4/13/94	30.0	NT	8.500	0.379	0.0008	-9.000	-9.000	-9.0000	-9
44023.0	CHANNEL ISLANDS HARBOR-REP 3	1209	4/13/94	30.0	NT	9.200	0.288	0.0019	-9.000	-9.000	-9.0000	-9
44027.0	MCGRATH LAKE ESTUARY-REP 1	1210	4/13/94	30.0	NT	12.000	0.380	0.0077	22.000	0.562	0.0344	-9
44027.0	MCGRATH LAKE ESTUARY-REP 2	1211	4/13/94	30.0	NT	11.000	0.363	0.0092	-9.000	-9.000	-9.0000	-9
44027.0	MCGRATH LAKE ESTUARY-REP 3	1212	4/13/94	30.0	NT	8.430	0.344	0.0021	-9.000	-9.000	-9.0000	-9
44054.0	MUGU/ENTRANCE-REP 1	1213	4/14/94	30.0	NT	8.390	0.342	0.0011	27.000	0.335	0.0203	-9
44054.0	MUGU/ENTRANCE-REP 2	1214	4/14/94	30.0	NT	11.000	0.368	0.0092	-9.000	-9.000	-9.0000	-9
44054.0	MUGU/ENTRANCE-REP 3	1215	4/14/94	30.0	NT	9.860	0.385	0.0072	-9.000	-9.000	-9.0000	-9
44053.0	MUGU/OXNARD DITCH #1-REP 1	1216	4/14/94	30.0	NT	12.700	0.618	0.0071	46.000	0.583	0.0512	-9

Neanthes arenaceodentata Survival Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	NAWT_TOX	NA_OTNH3	NA_OUNH3	NA_OH2S	NA_ITNH3	NA_IUNH3	NA_IH2S	NA_BATCH
44053.0	MUGU/OXNARD DITCH #1-REP 2	1217	4/14/94	30.0	NT	14.500	0.578	0.0045	-9.000	-9.000	-9.0000	-9
44053.0	MUGU/OXNARD DITCH #1-REP 3	1218	4/14/94	30.0	NT	14.900	0.435	0.0361	-9.000	-9.000	-9.0000	-9
	CONTROL-CH2			32.0	-9	-9.000	-9.000	-9.0000	-9.000	-9.000	-9.0000	-9
	CONTROL-CH3			32.0	-9	-9.000	-9.000	-9.0000	-9.000	-9.000	-9.0000	-9
	CONTROL-CH1			32.0	-9	9.500	0.189	-8.0000	-9.000	-9.000	-9.0000	-9
40010.1	OFF CABRILLO BEACH	1331	5/19/94	32.0	NT	8.200	0.196	0.0027	4.100	0.019	0.0083	-9
40010.2	OFF CABRILLO BEACH	1332	5/19/94	32.0	NT	9.400	0.275	0.0020	7.000	0.045	0.0043	-9
40010.3	OFF CABRILLO BEACH	1333	5/19/94	32.0	NT	8.000	0.267	0.0019	2.900	0.016	0.0039	-9
40018.3	LONG BEACH OUTER HAR.-18	1334	5/19/94	32.0	NT	5.800	0.142	0.0026	2.700	0.012	0.0240	-9

Neanthes arenaceodentata Survival Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	NAQC
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1002	8/19/93	23.0	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1003	8/19/93	23.0	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1004	8/19/93	23.0	-9
40031.2	PALOS V.(SWARTZ 6)-REP 4 BLIND	1005	8/19/93	23.0	-9
40010.1	OFF CABRILLO BEACH-REP 1	1006	8/19/93	23.0	-9
40010.2	OFF CABRILLO BEACH-REP 2	1007	8/19/93	23.0	-9
40010.3	OFF CABRILLO BEACH-REP 3	1008	8/19/93	23.0	-9
	CONTROL-CH3			25.0	-9
	CONTROL-CH2			25.0	-9
	CONTROL-CH1			25.0	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1038	2/2/94	25.0	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1039	2/2/94	25.0	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1040	2/2/94	25.0	-9
40018.3	LONG BEACH OUTER HAR. -18 REP1	1041	1/31/94	25.0	-9
40018.3	LONG BEACH OUTER HAR. -18 REP2	1042	1/31/94	25.0	-9
40018.3	LONG BEACH OUTER HAR. -18 REP3	1043	1/31/94	25.0	-9
40012.1	SOUTHEAST BASIN- REP1	1047	2/1/94	25.0	-9
40012.1	SOUTHEAST BASIN- REP2	1048	2/1/94	25.0	-9
40012.1	SOUTHEAST BASIN- REP3	1049	2/1/94	25.0	-9
40006.1	CONSOLIDATED SLIP- REP 1	1050	2/1/94	25.0	-9
40006.1	CONSOLIDATED SLIP- REP 2	1051	2/1/94	25.0	-9
40006.1	CONSOLIDATED SLIP- REP 3	1052	2/1/94	25.0	-9
40003.2	TURNING BASIN, PIER 151- REP 1	1053	2/2/94	25.0	-9
40003.2	TURNING BASIN, PIER 151- REP 2	1054	2/2/94	25.0	-9
40003.2	TURNING BASIN, PIER 151- REP 3	1055	2/2/94	25.0	-9
40013.1	INNER QUEENSWAY BAY- REP 1	1056	2/1/94	25.0	-9
40013.1	INNER QUEENSWAY BAY- REP 2	1057	2/1/94	25.0	-9
40013.1	INNER QUEENSWAY BAY- REP 3	1058	2/1/94	25.0	-9
40017.3	LONG BEACH CHANNEL- REP 1	1059	1/31/94	25.0	-9
40017.3	LONG BEACH CHANNEL- REP 2	1060	1/31/94	25.0	-9
40017.3	LONG BEACH CHANNEL- REP 3	1061	1/31/94	25.0	-9
40001.2	SOUTHWEST SLIP- REP 1	1062	2/1/94	25.0	-9
40001.2	SOUTHWEST SLIP- REP 2	1063	2/1/94	25.0	-9
40001.2	SOUTHWEST SLIP- REP 3	1064	2/1/94	25.0	-9
44020.0	SHORELINE MARINA- REP 1	1065	2/1/94	25.0	-9
44020.0	SHORELINE MARINA- REP 2	1066	2/1/94	25.0	-9
44020.0	SHORELINE MARINA- REP 3	1067	2/1/94	25.0	-9
	CONTROL-CH1			26.0	-9
	CONTROL-CH3			26.0	-9
	CONTROL-CH2			26.0	-9

Neanthes arenaceodentata Survival Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	NAQC
40010.1	OFF CABRILLO BEACH-REP 1	1068	2/15/94	26.0	-9
40010.1	OFF CABRILLO BEACH-REP 2	1069	2/15/94	26.0	-9
40010.1	OFF CABRILLO BEACH-REP 3	1070	2/15/94	26.0	-9
40010.2	OFF CABRILLO BEACH-REP 1	1071	2/15/94	26.0	-9
40010.2	OFF CABRILLO BEACH-REP 2	1072	2/15/94	26.0	-9
40010.2	OFF CABRILLO BEACH-REP 3	1073	2/15/94	26.0	-9
40010.3	OFF CABRILLO BEACH-REP 1	1074	2/15/94	26.0	-9
40010.3	OFF CABRILLO BEACH-REP 2	1075	2/15/94	26.0	-9
40010.3	OFF CABRILLO BEACH-REP 3	1076	2/15/94	26.0	-9
44011.0	LOS CERRITOS CHNL TIDAL P-REP1	1077	2/16/94	26.0	-9
44011.0	LOS CERRITOS CHNL TIDAL P-REP2	1078	2/16/94	26.0	-9
44011.0	LOS CERRITOS CHNL TIDAL P-REP3	1079	2/16/94	26.0	-9
44014.0	MARINA DEL REY-REP 1	1080	2/15/94	26.0	-9
44014.0	MARINA DEL REY-REP 2	1081	2/15/94	26.0	-9
44014.0	MARINA DEL REY-REP 3	1082	2/15/94	26.0	-9
44024.0	BALLONA CREEK-REP 1	1083	2/15/94	26.0	-9
44024.0	BALLONA CREEK-REP 2	1084	2/15/94	26.0	-9
44024.0	BALLONA CREEK REP3	1085	2/15/94	26.0	-9
	CONTROL-CH1			30.0	-9
	CONTROL-CH2			30.0	-9
	CONTROL-CH3			30.0	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1189	4/13/94	30.0	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1190	4/13/94	30.0	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1191	4/13/94	30.0	-9
40018.3	LONG BEACH OUTER HAR.-18-REP 1	1192	4/12/94	30.0	-9
40018.3	LONG BEACH OUTER HAR.-18-REP 2	1193	4/12/94	30.0	-9
40018.3	LONG BEACH OUTER HAR.-18-REP 3	1194	4/12/94	30.0	-9
44055.0	L.B. NAVAL STN.-PIER 3-REP 1	1198	4/12/94	30.0	-9
44055.0	L.B. NAVAL STN.-PIER 3-REP 2	1199	4/12/94	30.0	-9
44055.0	L.B. NAVAL STN.-PIER 3-REP 3	1200	4/12/94	30.0	-9
44023.0	CHANNEL ISLANDS HARBOR-REP 1	1207	4/13/94	30.0	-9
44023.0	CHANNEL ISLANDS HARBOR-REP 2	1208	4/13/94	30.0	-9
44023.0	CHANNEL ISLANDS HARBOR-REP 3	1209	4/13/94	30.0	-9
44027.0	MCGRATH LAKE ESTUARY-REP 1	1210	4/13/94	30.0	-9
44027.0	MCGRATH LAKE ESTUARY-REP 2	1211	4/13/94	30.0	-9
44027.0	MCGRATH LAKE ESTUARY-REP 3	1212	4/13/94	30.0	-9
44054.0	MUGU/ENTRANCE-REP 1	1213	4/14/94	30.0	-9
44054.0	MUGU/ENTRANCE-REP 2	1214	4/14/94	30.0	-9
44054.0	MUGU/ENTRANCE-REP 3	1215	4/14/94	30.0	-9
44053.0	MUGU/OXNARD DITCH #1-REP 1	1216	4/14/94	30.0	-9

Neanthes arenaceodentata Survival Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	NAQC
44053.0	MUGU/OXNARD DITCH #1-REP 2	1217	4/14/94	30.0	-9
44053.0	MUGU/OXNARD DITCH #1-REP 3	1218	4/14/94	30.0	-9
	CONTROL-CH2			32.0	-9
	CONTROL-CH3			32.0	-9
	CONTROL-CH1			32.0	-9
40010.1	OFF CABRILLO BEACH	1331	5/19/94	32.0	-9
40010.2	OFF CABRILLO BEACH	1332	5/19/94	32.0	-9
40010.3	OFF CABRILLO BEACH	1333	5/19/94	32.0	-9
40018.3	LONG BEACH OUTER HAR.-18	1334	5/19/94	32.0	-9

Section 11

Neanthes arenaceodentata Weight Change in Sediment

Neanthes arenaceodentata Weight Change Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	NAWT_MN	NAWT_SD	NAWT_SG	NAWT_TOX	NA_OTNH3	NA_OUNH3	NA_OH2S	NA_ITNH3
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1002	8/19/93	23.0	13.80	3.20	ns	NT	-9.000	0.368	-8.0000	-9.000
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1003	8/19/93	23.0	13.30	2.20	ns	NT	-9.000	0.280	-8.0000	-9.000
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1004	8/19/93	23.0	13.20	2.10	ns	NT	-9.000	0.172	-8.0000	-9.000
40031.2	PALOS V.(SWARTZ 6)-REP 4 BLIND	1005	8/19/93	23.0	12.10	1.70	ns	NT	-9.000	0.201	-8.0000	-9.000
40010.1	OFF CABRILLO BEACH-REP 1	1006	8/19/93	23.0	13.40	3.30	ns	NT	-9.000	0.194	-8.0000	-9.000
40010.2	OFF CABRILLO BEACH-REP 2	1007	8/19/93	23.0	13.20	1.20	ns	NT	-9.000	0.200	-8.0000	-9.000
40010.3	OFF CABRILLO BEACH-REP 3	1008	8/19/93	23.0	12.10	2.30	ns	NT	-9.000	0.141	-8.0000	-9.000
	CONTROL-CH3			25.0	12.20	4.63	-9	-9	3.120	0.127	-8.0000	-9.000
	CONTROL-CH2			25.0	11.52	3.92	-9	-9	2.910	0.068	0.0026	-9.000
	CONTROL-CH1			25.0	10.76	2.07	-9	-9	2.750	0.079	-8.0000	-9.000
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1038	2/2/94	25.0	11.18	4.33	ns	NT	5.250	0.411	0.0008	-9.000
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1039	2/2/94	25.0	9.35	3.42	ns	NT	4.100	0.098	-8.0000	-9.000
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1040	2/2/94	25.0	9.64	3.03	ns	NT	3.800	0.179	-8.0000	-9.000
40018.3	LONG BEACH OUTER HAR. -18 REP1	1041	1/31/94	25.0	6.52	2.66	*	NT	3.300	0.121	-8.0000	-9.000
40018.3	LONG BEACH OUTER HAR. -18 REP2	1042	1/31/94	25.0	8.78	2.95	ns	NT	0.980	0.029	-8.0000	-9.000
40018.3	LONG BEACH OUTER HAR. -18 REP3	1043	1/31/94	25.0	11.71	2.21	ns	NT	2.300	0.097	-8.0000	-9.000
40012.1	SOUTHEAST BASIN- REP1	1047	2/1/94	25.0	9.55	4.75	ns	NT	3.100	0.121	-8.0000	-9.000
40012.1	SOUTHEAST BASIN- REP2	1048	2/1/94	25.0	11.94	4.46	ns	NT	2.500	0.093	-8.0000	-9.000
40012.1	SOUTHEAST BASIN- REP3	1049	2/1/94	25.0	9.64	2.96	ns	NT	2.900	0.087	-8.0000	-9.000
40006.1	CONSOLIDATED SLIP- REP 1	1050	2/1/94	25.0	8.02	1.85	*	NT	2.900	0.087	-8.0000	-9.000
40006.1	CONSOLIDATED SLIP- REP 2	1051	2/1/94	25.0	12.73	2.66	ns	NT	4.000	0.120	-8.0000	-9.000
40006.1	CONSOLIDATED SLIP- REP 3	1052	2/1/94	25.0	8.85	4.74	ns	NT	3.500	0.105	-8.0000	-9.000
40003.2	TURNING BASIN, PIER 151- REP 1	1053	2/2/94	25.0	11.17	5.29	ns	NT	3.050	0.109	-8.0000	-9.000
40003.2	TURNING BASIN, PIER 151- REP 2	1054	2/2/94	25.0	9.47	2.88	ns	NT	4.700	0.099	-8.0000	-9.000
40003.2	TURNING BASIN, PIER 151- REP 3	1055	2/2/94	25.0	11.09	2.66	ns	NT	2.900	0.069	-8.0000	-9.000
40013.1	INNER QUEENSWAY BAY- REP 1	1056	2/1/94	25.0	10.58	2.54	ns	NT	4.200	0.125	-8.0000	-9.000
40013.1	INNER QUEENSWAY BAY- REP 2	1057	2/1/94	25.0	13.69	5.54	ns	NT	5.710	0.163	-8.0000	-9.000
40013.1	INNER QUEENSWAY BAY- REP 3	1058	2/1/94	25.0	8.14	1.96	*	NT	5.760	0.236	-8.0000	-9.000
40017.3	LONG BEACH CHANNEL- REP 1	1059	1/31/94	25.0	11.18	3.31	ns	NT	4.300	0.128	-8.0000	-9.000
40017.3	LONG BEACH CHANNEL- REP 2	1060	1/31/94	25.0	9.88	4.92	ns	NT	4.400	0.105	-8.0000	-9.000
40017.3	LONG BEACH CHANNEL- REP 3	1061	1/31/94	25.0	9.68	2.18	ns	NT	4.500	0.107	-8.0000	-9.000
40001.2	SOUTHWEST SLIP- REP 1	1062	2/1/94	25.0	8.26	3.31	ns	NT	3.800	0.114	-8.0000	-9.000
40001.2	SOUTHWEST SLIP- REP 2	1063	2/1/94	25.0	9.02	1.40	ns	NT	4.000	0.120	-8.0000	-9.000
40001.2	SOUTHWEST SLIP- REP 3	1064	2/1/94	25.0	10.70	3.39	ns	NT	3.400	0.102	-8.0000	-9.000
44020.0	SHORELINE MARINA- REP 1	1065	2/1/94	25.0	10.58	0.85	ns	NT	3.000	0.112	-8.0000	-9.000
44020.0	SHORELINE MARINA- REP 2	1066	2/1/94	25.0	9.69	1.22	ns	NT	2.900	0.108	-8.0000	-9.000
44020.0	SHORELINE MARINA- REP 3	1067	2/1/94	25.0	11.16	3.38	ns	NT	1.700	0.063	-8.0000	-9.000
	CONTROL-CH1			26.0	4.51	2.71	-9	-9	3.500	0.497	0.0018	-9.000
	CONTROL-CH3			26.0	3.66	0.75	-9	-9	3.800	0.125	-8.0000	-9.000
	CONTROL-CH2			26.0	4.59	1.93	-9	-9	3.600	0.152	-8.0000	-9.000

Neanthes arenaceodentata Weight Change Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	NAWT_MN	NAWT_SD	NAWT_SG	NAWT_TOX	NA_OTNH3	NA_OUNH3	NA_OH2S	NA_ITNH3
40010.1	OFF CABRILLO BEACH-REP 1	1068	2/15/94	26.0	3.05	0.85	ns	NT	4.600	0.161	-8.0000	-9.000
40010.1	OFF CABRILLO BEACH-REP 2	1069	2/15/94	26.0	5.21	1.76	ns	NT	5.300	0.226	-8.0000	-9.000
40010.1	OFF CABRILLO BEACH-REP 3	1070	2/15/94	26.0	3.20	0.69	ns	NT	5.600	0.219	-8.0000	-9.000
40010.2	OFF CABRILLO BEACH-REP 1	1071	2/15/94	26.0	4.99	3.87	ns	NT	5.800	0.373	-8.0000	-9.000
40010.2	OFF CABRILLO BEACH-REP 2	1072	2/15/94	26.0	3.55	1.42	ns	NT	4.800	0.202	-8.0000	-9.000
40010.2	OFF CABRILLO BEACH-REP 3	1073	2/15/94	26.0	2.92	0.89	ns	NT	5.400	0.245	-8.0000	-9.000
40010.3	OFF CABRILLO BEACH-REP 1	1074	2/15/94	26.0	2.74	0.46	ns	NT	6.900	0.193	-8.0000	-9.000
40010.3	OFF CABRILLO BEACH-REP 2	1075	2/15/94	26.0	2.49	0.80	ns	NT	4.400	0.144	-8.0000	-9.000
40010.3	OFF CABRILLO BEACH-REP 3	1076	2/15/94	26.0	2.88	1.27	ns	NT	3.700	0.217	-8.0000	-9.000
44011.0	LOS CERRITOS CHNL TIDAL P-REP1	1077	2/16/94	26.0	3.70	2.00	ns	NT	10.000	0.519	-8.0000	-9.000
44011.0	LOS CERRITOS CHNL TIDAL P-REP2	1078	2/16/94	26.0	4.09	2.15	ns	NT	8.100	0.330	-8.0000	-9.000
44011.0	LOS CERRITOS CHNL TIDAL P-REP3	1079	2/16/94	26.0	5.07	2.76	ns	NT	8.200	0.344	-8.0000	-9.000
44014.0	MARINA DEL REY-REP 1	1080	2/15/94	26.0	3.12	1.01	ns	NT	2.800	0.115	-8.0000	-9.000
44014.0	MARINA DEL REY-REP 2	1081	2/15/94	26.0	3.74	0.66	ns	NT	3.300	0.119	-8.0000	-9.000
44014.0	MARINA DEL REY-REP 3	1082	2/15/94	26.0	3.77	1.18	ns	NT	4.900	0.204	-8.0000	-9.000
44024.0	BALLONA CREEK-REP 1	1083	2/15/94	26.0	3.02	1.06	ns	NT	6.300	0.901	-8.0000	-9.000
44024.0	BALLONA CREEK-REP 2	1084	2/15/94	26.0	3.51	1.20	ns	NT	7.200	0.464	-8.0000	-9.000
44024.0	BALLONA CREEK REP3	1085	2/15/94	26.0	3.21	0.93	ns	NT	7.800	0.363	-8.0000	-9.000
	CONTROL-CH1			30.0	3.78	1.36	-9	-9	6.710	0.256	0.0007	-9.000
	CONTROL-CH2			30.0	7.52	2.90	-9	-9	6.200	0.170	0.0009	-9.000
	CONTROL-CH3			30.0	4.88	0.70	-9	-9	6.200	0.194	0.0007	-9.000
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1189	4/13/94	30.0	9.17	3.81	ns	NT	8.210	0.245	0.0019	8.100
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1190	4/13/94	30.0	7.02	3.31	ns	NT	8.620	0.282	0.0022	-9.000
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1191	4/13/94	30.0	8.63	2.18	ns	NT	8.400	0.274	0.0012	-9.000
40018.3	LONG BEACH OUTER HAR.-18-REP 1	1192	4/12/94	30.0	4.72	2.11	ns	NT	7.960	0.236	0.0069	13.000
40018.3	LONG BEACH OUTER HAR.-18-REP 2	1193	4/12/94	30.0	6.26	2.96	ns	NT	8.980	0.240	0.0162	-9.000
40018.3	LONG BEACH OUTER HAR.-18-REP 3	1194	4/12/94	30.0	6.21	2.76	ns	NT	6.650	0.190	0.0044	-9.000
44055.0	L.B. NAVAL STN.-PIER 3-REP 1	1198	4/12/94	30.0	7.16	4.32	ns	NT	4.200	0.088	0.0027	12.000
44055.0	L.B. NAVAL STN.-PIER 3-REP 2	1199	4/12/94	30.0	9.45	3.30	ns	NT	6.500	0.137	0.0014	-9.000
44055.0	L.B. NAVAL STN.-PIER 3-REP 3	1200	4/12/94	30.0	8.35	3.05	ns	NT	7.100	0.162	0.0086	-9.000
44023.0	CHANNEL ISLANDS HARBOR-REP 1	1207	4/13/94	30.0	4.83	1.02	ns	NT	10.000	0.279	0.0007	25.000
44023.0	CHANNEL ISLANDS HARBOR-REP 2	1208	4/13/94	30.0	6.76	3.75	ns	NT	8.500	0.379	0.0008	-9.000
44023.0	CHANNEL ISLANDS HARBOR-REP 3	1209	4/13/94	30.0	6.51	1.30	ns	NT	9.200	0.288	0.0019	-9.000
44027.0	MCGRATH LAKE ESTUARY-REP 1	1210	4/13/94	30.0	6.71	3.87	ns	NT	12.000	0.380	0.0077	22.000
44027.0	MCGRATH LAKE ESTUARY-REP 2	1211	4/13/94	30.0	7.50	1.84	ns	NT	11.000	0.363	0.0092	-9.000
44027.0	MCGRATH LAKE ESTUARY-REP 3	1212	4/13/94	30.0	9.47	5.20	ns	NT	8.430	0.344	0.0021	-9.000
44054.0	MUGU/ENTRANCE-REP 1	1213	4/14/94	30.0	6.74	3.12	ns	NT	8.390	0.342	0.0011	27.000
44054.0	MUGU/ENTRANCE-REP 2	1214	4/14/94	30.0	8.21	2.97	ns	NT	11.000	0.368	0.0092	-9.000
44054.0	MUGU/ENTRANCE-REP 3	1215	4/14/94	30.0	5.15	2.04	ns	NT	9.860	0.385	0.0072	-9.000
44053.0	MUGU/OXNARD DITCH #1-REP 1	1216	4/14/94	30.0	4.33	1.23	*	NT	12.700	0.618	0.0071	46.000

Neanthes arenaceodentata Weight Change Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	NAWT_MN	NAWT_SD	NAWT_SG	NAWT_TOX	NA_OTNH3	NA_OUNH3	NA_OH2S	NA_ITNH3
44053.0	MUGU/OXNARD DITCH #1-REP 2	1217	4/14/94	30.0	3.11	0.43	*	NT	14.500	0.578	0.0045	-9.000
44053.0	MUGU/OXNARD DITCH #1-REP 3	1218	4/14/94	30.0	4.67	1.46	*	NT	14.900	0.435	0.0361	-9.000
	CONTROL-CH2			32.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000	-9.000
	CONTROL-CH3			32.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000	-9.000
	CONTROL-CH1			32.0	10.99	3.94	-9	-9	9.500	0.189	-8.0000	-9.000
40010.1	OFF CABRILLO BEACH	1331	5/19/94	32.0	7.60	0.98	ns	NT	8.200	0.196	0.0027	4.100
40010.2	OFF CABRILLO BEACH	1332	5/19/94	32.0	6.12	2.14	*	NT	9.400	0.275	0.0020	7.000
40010.3	OFF CABRILLO BEACH	1333	5/19/94	32.0	6.26	1.62	*	NT	8.000	0.267	0.0019	2.900
40018.3	LONG BEACH OUTER HAR.-18	1334	5/19/94	32.0	9.01	2.38	ns	NT	5.800	0.142	0.0026	2.700

Neanthes arenaceodentata Weight Change Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	NA_IUNH3	NA_IH2S	NA_BATCH	NAQC
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1002	8/19/93	23.0	-9.000	-9.0000	-9	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1003	8/19/93	23.0	-9.000	-9.0000	-9	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1004	8/19/93	23.0	-9.000	-9.0000	-9	-9
40031.2	PALOS V.(SWARTZ 6)-REP 4 BLIND	1005	8/19/93	23.0	-9.000	-9.0000	-9	-9
40010.1	OFF CABRILLO BEACH-REP 1	1006	8/19/93	23.0	-9.000	-9.0000	-9	-9
40010.2	OFF CABRILLO BEACH-REP 2	1007	8/19/93	23.0	-9.000	-9.0000	-9	-9
40010.3	OFF CABRILLO BEACH-REP 3	1008	8/19/93	23.0	-9.000	-9.0000	-9	-9
	CONTROL-CH3			25.0	-9.000	-9.0000	-9	-9
	CONTROL-CH2			25.0	-9.000	-9.0000	-9	-9
	CONTROL-CH1			25.0	-9.000	-9.0000	-9	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1038	2/2/94	25.0	-9.000	-9.0000	-9	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1039	2/2/94	25.0	-9.000	-9.0000	-9	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1040	2/2/94	25.0	-9.000	-9.0000	-9	-9
40018.3	LONG BEACH OUTER HAR. -18 REP1	1041	1/31/94	25.0	-9.000	-9.0000	-9	-9
40018.3	LONG BEACH OUTER HAR. -18 REP2	1042	1/31/94	25.0	-9.000	-9.0000	-9	-9
40018.3	LONG BEACH OUTER HAR. -18 REP3	1043	1/31/94	25.0	-9.000	-9.0000	-9	-9
40012.1	SOUTHEAST BASIN- REP1	1047	2/1/94	25.0	-9.000	-9.0000	-9	-9
40012.1	SOUTHEAST BASIN- REP2	1048	2/1/94	25.0	-9.000	-9.0000	-9	-9
40012.1	SOUTHEAST BASIN- REP3	1049	2/1/94	25.0	-9.000	-9.0000	-9	-9
40006.1	CONSOLIDATED SLIP- REP 1	1050	2/1/94	25.0	-9.000	-9.0000	-9	-9
40006.1	CONSOLIDATED SLIP- REP 2	1051	2/1/94	25.0	-9.000	-9.0000	-9	-9
40006.1	CONSOLIDATED SLIP- REP 3	1052	2/1/94	25.0	-9.000	-9.0000	-9	-9
40003.2	TURNING BASIN, PIER 151- REP 1	1053	2/2/94	25.0	-9.000	-9.0000	-9	-9
40003.2	TURNING BASIN, PIER 151- REP 2	1054	2/2/94	25.0	-9.000	-9.0000	-9	-9
40003.2	TURNING BASIN, PIER 151- REP 3	1055	2/2/94	25.0	-9.000	-9.0000	-9	-9
40013.1	INNER QUEENSWAY BAY- REP 1	1056	2/1/94	25.0	-9.000	-9.0000	-9	-9
40013.1	INNER QUEENSWAY BAY- REP 2	1057	2/1/94	25.0	-9.000	-9.0000	-9	-9
40013.1	INNER QUEENSWAY BAY- REP 3	1058	2/1/94	25.0	-9.000	-9.0000	-9	-9
40017.3	LONG BEACH CHANNEL- REP 1	1059	1/31/94	25.0	-9.000	-9.0000	-9	-9
40017.3	LONG BEACH CHANNEL- REP 2	1060	1/31/94	25.0	-9.000	-9.0000	-9	-9
40017.3	LONG BEACH CHANNEL- REP 3	1061	1/31/94	25.0	-9.000	-9.0000	-9	-9
40001.2	SOUTHWEST SLIP- REP 1	1062	2/1/94	25.0	-9.000	-9.0000	-9	-9
40001.2	SOUTHWEST SLIP- REP 2	1063	2/1/94	25.0	-9.000	-9.0000	-9	-9
40001.2	SOUTHWEST SLIP- REP 3	1064	2/1/94	25.0	-9.000	-9.0000	-9	-9
44020.0	SHORELINE MARINA- REP 1	1065	2/1/94	25.0	-9.000	-9.0000	-9	-9
44020.0	SHORELINE MARINA- REP 2	1066	2/1/94	25.0	-9.000	-9.0000	-9	-9
44020.0	SHORELINE MARINA- REP 3	1067	2/1/94	25.0	-9.000	-9.0000	-9	-9
	CONTROL-CH1			26.0	-9.000	-9.0000	-9	-9
	CONTROL-CH3			26.0	-9.000	-9.0000	-9	-9
	CONTROL-CH2			26.0	-9.000	-9.0000	-9	-9

Neanthes arenaceodentata Weight Change Toxicity Test Data for Sediment

STANUM	STATION	IDORG	DATE	LEG	NA_IUNH3	NA_IH2S	NA_BATCH	NAQC
40010.1	OFF CABRILLO BEACH-REP 1	1068	2/15/94	26.0	-9.000	-9.0000	-9	-9
40010.1	OFF CABRILLO BEACH-REP 2	1069	2/15/94	26.0	-9.000	-9.0000	-9	-9
40010.1	OFF CABRILLO BEACH-REP 3	1070	2/15/94	26.0	-9.000	-9.0000	-9	-9
40010.2	OFF CABRILLO BEACH-REP 1	1071	2/15/94	26.0	-9.000	-9.0000	-9	-9
40010.2	OFF CABRILLO BEACH-REP 2	1072	2/15/94	26.0	-9.000	-9.0000	-9	-9
40010.2	OFF CABRILLO BEACH-REP 3	1073	2/15/94	26.0	-9.000	-9.0000	-9	-9
40010.3	OFF CABRILLO BEACH-REP 1	1074	2/15/94	26.0	-9.000	-9.0000	-9	-9
40010.3	OFF CABRILLO BEACH-REP 2	1075	2/15/94	26.0	-9.000	-9.0000	-9	-9
40010.3	OFF CABRILLO BEACH-REP 3	1076	2/15/94	26.0	-9.000	-9.0000	-9	-9
44011.0	LOS CERRITOS CHNL TIDAL P-REP1	1077	2/16/94	26.0	-9.000	-9.0000	-9	-9
44011.0	LOS CERRITOS CHNL TIDAL P-REP2	1078	2/16/94	26.0	-9.000	-9.0000	-9	-9
44011.0	LOS CERRITOS CHNL TIDAL P-REP3	1079	2/16/94	26.0	-9.000	-9.0000	-9	-9
44014.0	MARINA DEL REY-REP 1	1080	2/15/94	26.0	-9.000	-9.0000	-9	-9
44014.0	MARINA DEL REY-REP 2	1081	2/15/94	26.0	-9.000	-9.0000	-9	-9
44014.0	MARINA DEL REY-REP 3	1082	2/15/94	26.0	-9.000	-9.0000	-9	-9
44024.0	BALLONA CREEK-REP 1	1083	2/15/94	26.0	-9.000	-9.0000	-9	-9
44024.0	BALLONA CREEK-REP 2	1084	2/15/94	26.0	-9.000	-9.0000	-9	-9
44024.0	BALLONA CREEK REP3	1085	2/15/94	26.0	-9.000	-9.0000	-9	-9
	CONTROL-CH1			30.0	-9.000	-9.0000	-9	-9
	CONTROL-CH2			30.0	-9.000	-9.0000	-9	-9
	CONTROL-CH3			30.0	-9.000	-9.0000	-9	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 1	1189	4/13/94	30.0	0.088	0.0260	-9	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 2	1190	4/13/94	30.0	-9.000	-9.0000	-9	-9
40031.2	PALOS VERDES (SWARTZ 6)-REP 3	1191	4/13/94	30.0	-9.000	-9.0000	-9	-9
40018.3	LONG BEACH OUTER HAR.-18-REP 1	1192	4/12/94	30.0	0.047	0.0308	-9	-9
40018.3	LONG BEACH OUTER HAR.-18-REP 2	1193	4/12/94	30.0	-9.000	-9.0000	-9	-9
40018.3	LONG BEACH OUTER HAR.-18-REP 3	1194	4/12/94	30.0	-9.000	-9.0000	-9	-9
44055.0	L.B. NAVAL STN.-PIER 3-REP 1	1198	4/12/94	30.0	0.053	0.0309	-9	-9
44055.0	L.B. NAVAL STN.-PIER 3-REP 2	1199	4/12/94	30.0	-9.000	-9.0000	-9	-9
44055.0	L.B. NAVAL STN.-PIER 3-REP 3	1200	4/12/94	30.0	-9.000	-9.0000	-9	-9
44023.0	CHANNEL ISLANDS HARBOR-REP 1	1207	4/13/94	30.0	0.201	0.0246	-9	-9
44023.0	CHANNEL ISLANDS HARBOR-REP 2	1208	4/13/94	30.0	-9.000	-9.0000	-9	-9
44023.0	CHANNEL ISLANDS HARBOR-REP 3	1209	4/13/94	30.0	-9.000	-9.0000	-9	-9
44027.0	MCGRATH LAKE ESTUARY-REP 1	1210	4/13/94	30.0	0.562	0.0344	-9	-9
44027.0	MCGRATH LAKE ESTUARY-REP 2	1211	4/13/94	30.0	-9.000	-9.0000	-9	-9
44027.0	MCGRATH LAKE ESTUARY-REP 3	1212	4/13/94	30.0	-9.000	-9.0000	-9	-9
44054.0	MUGU/ENTRANCE-REP 1	1213	4/14/94	30.0	0.335	0.0203	-9	-9
44054.0	MUGU/ENTRANCE-REP 2	1214	4/14/94	30.0	-9.000	-9.0000	-9	-9
44054.0	MUGU/ENTRANCE-REP 3	1215	4/14/94	30.0	-9.000	-9.0000	-9	-9
44053.0	MUGU/OXNARD DITCH #1-REP 1	1216	4/14/94	30.0	0.583	0.0512	-9	-9

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STANUM	STATION	IDORG	DATE	LEG	NA_IUNH3	NA_IH2S	NA_BATCH	NAQC
44053.0	MUGU/OXNARD DITCH #1-REP 2	1217	4/14/94	30.0	-9.000	-9.0000	-9	-9
44053.0	MUGU/OXNARD DITCH #1-REP 3	1218	4/14/94	30.0	-9.000	-9.0000	-9	-9
	CONTROL-CH2			32.0	-9.000	-9.0000	-9	-9
	CONTROL-CH3			32.0	-9.000	-9.0000	-9	-9
	CONTROL-CH1			32.0	-9.000	-9.0000	-9	-9
40010.1	OFF CABRILLO BEACH	1331	5/19/94	32.0	0.019	0.0083	-9	-9
40010.2	OFF CABRILLO BEACH	1332	5/19/94	32.0	0.045	0.0043	-9	-9
40010.3	OFF CABRILLO BEACH	1333	5/19/94	32.0	0.016	0.0039	-9	-9
40018.3	LONG BEACH OUTER HAR.-18	1334	5/19/94	32.0	0.012	0.0240	-9	-9

Appendix F

Benthic Community Data

Benthic Community Data

STANUM	STATION	IDORG	DATE	LEG
40001.1	SOUTHWEST SLIP	1	07/29/92	1

SPECIES	TAXA		NUMBER PER CORE			SUMMARY STATISTICS						
			rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Chaetozone corona	Polychaeta		1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Cossura candida	Polychaeta		6	3	1	3.3	3.5	1	6	2.5	1.5	5.7	10
Glycera americana	Polychaeta		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Leitoscoloplos pugettensis	Polychaeta		1	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Leitoscoloplos spp. juv.	Polychaeta		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Lumbrineridae spp.	Polychaeta		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Monticellina sp. C	Polychaeta		3	1	1	1.7	2.0	1	3	1.2	0.7	2.6	5
Nephtys cornuta	Polychaeta		3	2	0	1.7	1.5	0	3	1.5	0.9	3.4	5
Euphilomedes carcharodonta	Ostracoda		7	5	0	4.0	3.5	0	7	3.6	2.1	8.1	12
Parvilucina tenuisculpta	Bivalvia		1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Theora fragilis	Bivalvia		9	2	2	4.3	5.5	2	9	4.0	2.3	9.1	13
Cooperella subdiaphana	Bivalvia		0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
	TOTAL INDIVIDUALS	57	33	15	9	19.0	21.0	9	33	12.5	7.2	28.1	57
	TOTAL SPECIES	12	10	7	6	7.7	8.0	6	10	2.1	1.2	4.7	23
	TOTAL CRUST. INDIV.	12	7	5	0	4.0	3.5	0	7	3.6	2.1	8.1	12
	TOTAL CRUST. SP.	1	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
	GAMMARID INDIV.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	GAMMARID SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	OTHER CRUSTACEAN INDIV.	12	7	5	0	4.0	3.5	0	7	3.6	2.1	8.1	12
	OTHER CRUSTACEAN SP.	1	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
	TOTAL ECHINODERM INDIV.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.	17	10	3	4	5.7	6.5	3	10	3.8	2.2	8.5	17
	TOTAL MOLLUSC SP.	3	2	2	2	2.0	2.0	2	2	0.0	0.0	0.0	6
	TOTAL POLYCHAETE INDIV.	28	16	7	5	9.3	10.5	5	16	5.9	3.4	13.2	28
	TOTAL POLYCHAETE SP.	8	7	4	4	5.0	5.5	4	7	1.7	1.0	3.9	15

Benthic Community Data

STANUM	STATION	IDORG	DATE	LEG
40001.2	SOUTHWEST SLIP	2	07/29/92	1

SPECIES	TAXA		NUMBER PER CORE			SUMMARY STATISTICS						
			rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Chaetozone corona	Polychaeta		0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Cossura candida	Polychaeta		20	21	25	22.0	22.5	20	25	2.6	1.5	6.0	66
Dorvillea longicornis	Polychaeta		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Leitoscoloplos pugettensis	Polychaeta		1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Levinsenia gracilis	Polychaeta		1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Lumbrineridae spp. indet.	Polychaeta		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Malmgreniella spp. indet.	Polychaeta		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Monticellina sp. C	Polychaeta		9	4	2	5.0	5.5	2	9	3.6	2.1	8.1	15
Nephtys cornuta	Polychaeta		0	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3
Nereis procera	Polychaeta		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Paraprionospio pinnata	Polychaeta		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
nemertea	Nemertea		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Euphilomedes carcharodonta	Ostracoda		2	2	0	1.3	1.0	0	2	1.2	0.7	2.6	4
Bathyleberis californica	Ostracoda		0	3	0	1.0	1.5	0	3	1.7	1.0	3.9	3
Theora fragilis	Bivalvia		0	13	6	6.3	6.5	0	13	6.5	3.8	14.6	19
Aglajidae	Gastropoda		0	2	3	1.7	1.5	0	3	1.5	0.9	3.4	5
Macoma ?	Bivalvia		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL INDIVIDUALS		35	53	40	42.7	44.0	35	53	9.3	5.4	20.9	128
	TOTAL SPECIES	17	7	13	8	9.3	10.0	7	13	3.2	1.9	7.2	28
	TOTAL CRUST. INDIV.		2	5	0	2.3	2.5	0	5	2.5	1.5	5.7	7
	TOTAL CRUST. SP.	2	1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3
	GAMMARID INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	GAMMARID SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	OTHER CRUSTACEAN INDIV.		2	5	0	2.3	2.5	0	5	2.5	1.5	5.7	7
	OTHER CRUSTACEAN SP.	2	1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3
	TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.		0	16	9	8.3	8.0	0	16	8.0	4.6	18.0	25
	TOTAL MOLLUSC SP.	3	0	3	2	1.7	1.5	0	3	1.5	0.9	3.4	5
	TOTAL POLYCHAETE INDIV.		33	32	30	31.7	31.5	30	33	1.5	0.9	3.4	95
	TOTAL POLYCHAETE SP.	11	6	8	5	6.3	6.5	5	8	1.5	0.9	3.4	19

Benthic Community Data

STANUM	STATION	IDORG	DATE	LEG
40001.3	SOUTHWEST SLIP	3	07/29/92	1

SPECIES	TAXA		NUMBER PER CORE			SUMMARY STATISTICS						
			rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Chaetozone corona	Polychaeta		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Cirratulidae spp. indet.	Polychaeta		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Cossura candida	Polychaeta		65	43	27	45.0	46.0	27	65	19.1	11.0	42.9	135
Levinsenia gracilis	Polychaeta		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Lumbrineridae spp. indet.	Polychaeta		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Monticellina sp. C	Polychaeta		3	0	4	2.3	2.0	0	4	2.1	1.2	4.7	7
Mediomastus spp. indet.	Polychaeta		2	2	1	1.7	1.5	1	2	0.6	0.3	1.3	5
Nephtys cornuta	Polychaeta		1	1	4	2.0	2.5	1	4	1.7	1.0	3.9	6
Scoletoma erecta	Polychaeta		0	3	0	1.0	1.5	0	3	1.7	1.0	3.9	3
nemertea	Nemertea		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Listriella goleta	Amphipoda		2	1	0	1.0	1.0	0	2	1.0	0.6	2.3	3
Euphilomedes carcharodonta	Ostracoda		0	5	2	2.3	2.5	0	5	2.5	1.5	5.7	7
Neotrypae californiensis	Decapoda		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Aglajidae	Gastropoda		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Theora fragilis	Bivalvia		0	4	3	2.3	2.0	0	4	2.1	1.2	4.7	7
Mysella sp. A	Bivalvia		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL INDIVIDUALS		77	61	43	60.3	60.0	43	77	17.0	9.8	38.3	181
	TOTAL SPECIES	16	9	9	8	8.7	8.5	8	9	0.6	0.3	1.3	26
	TOTAL CRUST. INDIV.		2	7	2	3.7	4.5	2	7	2.9	1.7	6.5	11
	TOTAL CRUST. SP.	3	1	3	1	1.7	2.0	1	3	1.2	0.7	2.6	5
	GAMMARID INDIV.		2	1	0	1.0	1.0	0	2	1.0	0.6	2.3	3
	GAMMARID SP.	1	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
	OTHER CRUSTACEAN INDIV.		0	6	2	2.7	3.0	0	6	3.1	1.8	6.9	8
	OTHER CRUSTACEAN SP.	2	0	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3
	TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.		0	5	4	3.0	2.5	0	5	2.6	1.5	6.0	9
	TOTAL MOLLUSC SP.	3	0	2	2	1.3	1.0	0	2	1.2	0.7	2.6	4
	TOTAL POLYCHAETE INDIV.		74	49	37	53.3	55.5	37	74	18.9	10.9	42.5	160
	TOTAL POLYCHAETE SP.	9	7	4	5	5.3	5.5	4	7	1.5	0.9	3.4	16

Benthic Community Data

STANUM	STATION	IDORG	DATE	LEG
40002.1	WEST BASIN, PIER 143	4	07/30/92	1

SPECIES	TAXA		NUMBER PER CORE			SUMMARY STATISTICS						
			rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Chaetozone corona	Polychaeta		1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
Cirratulidae spp. indet.	Polychaeta		1	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Cossura candida	Polychaeta		3	4	8	5.0	5.5	3	8	2.6	1.5	6.0	15
Leitoscoloplos pugettensis	Polychaeta		1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Lumbrineridae spp. indet.	Polychaeta		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Magelona spp. indet.	Polychaeta		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Monticellina sp. C	Polychaeta		0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Nephtys cornuta	Polychaeta		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Phyllodoce spp. indet.	Polychaeta		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
nemertea	Nemertea		0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Listriella goleta	Amphipoda		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Euphilomedes carcharodonta	Ostracoda		1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Paranthura elegans	Isopoda		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL INDIVIDUALS		9	13	14	12.0	11.5	9	14	2.6	1.5	6.0	36
	TOTAL SPECIES	13	7	9	5	7.0	7.0	5	9	2.0	1.2	4.5	21
	TOTAL CRUST. INDIV.		2	2	0	1.3	1.0	0	2	1.2	0.7	2.6	4
	TOTAL CRUST. SP.	3	2	2	0	1.3	1.0	0	2	1.2	0.7	2.6	4
	GAMMARID INDIV.		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	GAMMARID SP.	1	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	OTHER CRUSTACEAN INDIV.		1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3
	OTHER CRUSTACEAN SP.	2	1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3
	TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL POLYCHAETE INDIV.		7	9	14	10.0	10.5	7	14	3.6	2.1	8.1	30
	TOTAL POLYCHAETE SP.	9	5	6	5	5.3	5.5	5	6	0.6	0.3	1.3	16

Benthic Community Data

STANUM	STATION	IDORG	DATE	LEG
40002.2	WEST BASIN, PIER 143	5	07/30/92	1

SPECIES	TAXA		NUMBER PER CORE			SUMMARY STATISTICS						
			rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Chaetozone corona	Polychaeta		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Cossura candida	Polychaeta		3	1	1	1.7	2.0	1	3	1.2	0.7	2.6	5
Mediomastus spp. indet.	Polychaeta		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Nephtys cornuta	Polychaeta		3	0	0	1.0	1.5	0	3	1.7	1.0	3.9	3
Scoletoma erecta	Polychaeta		0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Euphilomedes carcharodonta	Ostracoda		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Grandidierella japonica	Amphipoda		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Pinnixa sp.	Decapoda		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Laevicardium substriatum	Bivalvia		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Theora fragilis	Bivalvia		1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Cryptomya californica	Bivalvia		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL INDIVIDUALS		9	3	7	6.3	6.0	3	9	3.1	1.8	6.9	19
	TOTAL SPECIES	11	5	3	7	5.0	5.0	3	7	2.0	1.2	4.5	15
	TOTAL CRUST. INDIV.		1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
	TOTAL CRUST. SP.	3	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
	GAMMARID INDIV.		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	GAMMARID SP.	1	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	OTHER CRUSTACEAN INDIV.		1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
	OTHER CRUSTACEAN SP.	2	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
	TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.		1	0	3	1.3	1.5	0	3	1.5	0.9	3.4	4
	TOTAL MOLLUSC SP.	3	1	0	3	1.3	1.5	0	3	1.5	0.9	3.4	4
	TOTAL POLYCHAETE INDIV.		7	2	3	4.0	4.5	2	7	2.6	1.5	6.0	12
	TOTAL POLYCHAETE SP.	5	3	2	3	2.7	2.5	2	3	0.6	0.3	1.3	8

Benthic Community Data

STANUM	STATION	IDORG	DATE	LEG
40002.3	WEST BASIN, PIER 143	6	07/30/92	1

SPECIES	TAXA		NUMBER PER CORE			SUMMARY STATISTICS						
			rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Chaetozone corona	Polychaeta		0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Cirratulidae spp. indet.	Polychaeta		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Cossura candida	Polychaeta		32	28	13	24.3	22.5	13	32	10.0	5.8	22.5	73
Euchone limnicola	Polychaeta		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Glycera americana	Polychaeta		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Leitoscoloplos pugettensis	Polychaeta		2	1	0	1.0	1.0	0	2	1.0	0.6	2.3	3
Levinsenia gracilis	Polychaeta		0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Mediomastus spp. indet.	Polychaeta		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Monticellina sp. C	Polychaeta		6	0	0	2.0	3.0	0	6	3.5	2.0	7.8	6
Nephtys cornuta	Polychaeta		3	1	0	1.3	1.5	0	3	1.5	0.9	3.4	4
Euphilomedes carcharodonta	Ostracoda		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Listriella goleta	Amphipoda		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Theora fragilis	Bivalvia		1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Turbonilla sp.	Gastropoda		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Aglajidae	Gastropoda		1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
	TOTAL INDIVIDUALS		50	33	18	33.7	34.0	18	50	16.0	9.2	36.0	101
	TOTAL SPECIES	15	11	6	4	7.0	7.5	4	11	3.6	2.1	8.1	21
	TOTAL CRUST. INDIV.		1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
	TOTAL CRUST. SP.	2	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
	GAMMARID INDIV.		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	GAMMARID SP.	1	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	OTHER CRUSTACEAN INDIV.		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	OTHER CRUSTACEAN SP.	1	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.		3	1	1	1.7	2.0	1	3	1.2	0.7	2.6	5
	TOTAL MOLLUSC SP.	3	3	1	1	1.7	2.0	1	3	1.2	0.7	2.6	5
	TOTAL POLYCHAETE INDIV.		46	31	17	31.3	31.5	17	46	14.5	8.4	32.6	94
	TOTAL POLYCHAETE SP.	10	7	4	3	4.7	5.0	3	7	2.1	1.2	4.7	14

Benthic Community Data

STANUM	STATION	IDORG	DATE	LEG
40003.1	TURNING BASIN, PIER 151	7	07/31/92	1

SPECIES	TAXA		NUMBER PER CORE			SUMMARY STATISTICS						
			rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Chaetozone corona	Polychaeta		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Cossura candida	Polychaeta		8	30	26	21.3	19.0	8	30	11.7	6.8	26.4	64
Euchone limnicola	Polychaeta		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Glycera americana	Polychaeta		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Leitoscoloplos pugettensis	Polychaeta		1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Levinsenia gracilis	Polychaeta		1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
Mediomastus spp. indet.	Polychaeta		2	1	5	2.7	3.0	1	5	2.1	1.2	4.7	8
Monticellina sp. C	Polychaeta		3	1	1	1.7	2.0	1	3	1.2	0.7	2.6	5
Nephtys cornuta	Polychaeta		3	6	9	6.0	6.0	3	9	3.0	1.7	6.8	18
Phyllodoce spp. juv.	Polychaeta		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
nemertea	Nemertea		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Euphilomedes carcharodonta	Ostracoda		1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Bathyleberis californica	Ostracoda		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Listriella goleta	Amphipoda		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Tellina modesta	Bivalvia		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Parvilucina tenuisculpta	Bivalvia		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Aglajidae	Gastropoda		1	0	3	1.3	1.5	0	3	1.5	0.9	3.4	4
Protothaca staminea	Bivalvia		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL INDIVIDUALS		23	41	52	38.7	37.5	23	52	14.6	8.5	32.9	116
	TOTAL SPECIES	18	11	7	13	10.3	10.0	7	13	3.1	1.8	6.9	31
	TOTAL CRUST. INDIV.		1	0	3	1.3	1.5	0	3	1.5	0.9	3.4	4
	TOTAL CRUST. SP.	3	1	0	3	1.3	1.5	0	3	1.5	0.9	3.4	4
	GAMMARID INDIV.		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	GAMMARID SP.	1	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	OTHER CRUSTACEAN INDIV.		1	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3
	OTHER CRUSTACEAN SP.	2	1	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3
	TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.		3	0	4	2.3	2.0	0	4	2.1	1.2	4.7	7
	TOTAL MOLLUSC SP.	4	3	0	2	1.7	1.5	0	3	1.5	0.9	3.4	5
	TOTAL POLYCHAETE INDIV.		19	41	44	34.7	31.5	19	44	13.7	7.9	30.7	104
	TOTAL POLYCHAETE SP.	10	7	7	7	7.0	7.0	7	7	0.0	0.0	0.0	21

Benthic Community Data

STANUM	STATION	IDORG	DATE	LEG
40003.2	TURNING BASIN, PIER 151	8	07/31/92	1

SPECIES	TAXA		NUMBER PER CORE			SUMMARY STATISTICS						
			rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Chaetozone corona	Polychaeta		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Cirratulidae spp. indet.	Polychaeta		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Cossura candida	Polychaeta		1	3	12	5.3	6.5	1	12	5.9	3.4	13.2	16
Glycera americana	Polychaeta		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Leitoscoloplos pugettensis	Polychaeta		2	2	0	1.3	1.0	0	2	1.2	0.7	2.6	4
Levinsenia gracilis	Polychaeta		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Lumbrineridae spp. indet.	Polychaeta		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Mediomastus spp. indet.	Polychaeta		0	4	5	3.0	2.5	0	5	2.6	1.5	6.0	9
Monticellina sp. C	Polychaeta		1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Nephtys cornuta	Polychaeta		1	4	0	1.7	2.0	0	4	2.1	1.2	4.7	5
Notomastus spp. indet.	Polychaeta		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Spionidae spp. indet.	Polychaeta		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
nemertea	Nemertea		3	3	0	2.0	1.5	0	3	1.7	1.0	3.9	6
Euphilomedes carcharodonta	Ostracoda		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Listriella goleta	Amphipoda		0	0	3	1.0	1.5	0	3	1.7	1.0	3.9	3
Theora fragilis	Bivalvia		3	0	0	1.0	1.5	0	3	1.7	1.0	3.9	3
Sulcoretusa xystrum	Gastropoda		1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3
Aglajidae	Gastropoda		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL INDIVIDUALS		16	21	23	20.0	19.5	16	23	3.6	2.1	8.1	60
	TOTAL SPECIES	18	11	9	6	8.7	8.5	6	11	2.5	1.5	5.7	26
	TOTAL CRUST. INDIV.		1	0	3	1.3	1.5	0	3	1.5	0.9	3.4	4
	TOTAL CRUST. SP.	2	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
	GAMMARID INDIV.		0	0	3	1.0	1.5	0	3	1.7	1.0	3.9	3
	GAMMARID SP.	1	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	OTHER CRUSTACEAN INDIV.		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	OTHER CRUSTACEAN SP.	1	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.		5	2	0	2.3	2.5	0	5	2.5	1.5	5.7	7
	TOTAL MOLLUSC SP.	3	3	1	0	1.3	1.5	0	3	1.5	0.9	3.4	4
	TOTAL POLYCHAETE INDIV.		7	16	20	14.3	13.5	7	20	6.7	3.8	15.0	43
	TOTAL POLYCHAETE SP.	12	6	7	5	6.0	6.0	5	7	1.0	0.6	2.3	18

Benthic Community Data

STANUM	STATION	IDORG	DATE	LEG
40003.3	TURNING BASIN, PIER 151	9	07/31/92	1

SPECIES	TAXA		NUMBER PER CORE			SUMMARY STATISTICS						
			rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Aproprionospio pygmaea	Polychaeta		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Cirratulidae spp. indet.	Polychaeta		0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Cossura candida	Polychaeta		15	20	22	19.0	18.5	15	22	3.6	2.1	8.1	57
Glycinde spp. juv.	Polychaeta		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Leitoscoloplos pugettensis	Polychaeta		0	0	4	1.3	2.0	0	4	2.3	1.3	5.2	4
Lumbrineris cf. californiensis	Polychaeta		0	1	3	1.3	1.5	0	3	1.5	0.9	3.4	4
Marphysa disjuncta	Polychaeta		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Mediomastus spp. indet.	Polychaeta		5	23	20	16.0	14.0	5	23	9.6	5.6	21.7	48
Monticellina sp. C	Polychaeta		1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Nephtys cornuta	Polychaeta		0	1	4	1.7	2.0	0	4	2.1	1.2	4.7	5
Nereididae spp. juv.	Polychaeta		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Paraprionospio pinnata	Polychaeta		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Phyllodoce hartmanae	Polychaeta		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Spionidae spp. indet.	Polychaeta		0	1	7	2.7	3.5	0	7	3.8	2.2	8.5	8
nemertea	Nemertea		1	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Euphilomedes carcharodonta	Ostracoda		0	1	3	1.3	1.5	0	3	1.5	0.9	3.4	4
Listriella goleta	Amphipoda		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Corophium heteroceratum	Amphipoda		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Gnathia crenulatifrons	Isopoda		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Theora fragilis	Bivalvia		1	2	1	1.3	1.5	1	2	0.6	0.3	1.3	4
Sulcoretusa xystrum	Gastropoda		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL INDIVIDUALS		26	54	71	50.3	48.5	26	71	22.7	13.1	51.1	151
	TOTAL SPECIES	21	8	11	14	11.0	11.0	8	14	3.0	1.7	6.8	33
	TOTAL CRUST. INDIV.		1	3	3	2.3	2.0	1	3	1.2	0.7	2.6	7
	TOTAL CRUST. SP.	4	1	3	1	1.7	2.0	1	3	1.2	0.7	2.6	5
	GAMMARID INDIV.		1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
	GAMMARID SP.	2	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
	OTHER CRUSTACEAN INDIV.		0	2	3	1.7	1.5	0	3	1.5	0.9	3.4	5
	OTHER CRUSTACEAN SP.	2	0	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3
	TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.		1	2	2	1.7	1.5	1	2	0.6	0.3	1.3	5
	TOTAL MOLLUSC SP.	2	1	1	2	1.3	1.5	1	2	0.6	0.3	1.3	4
	TOTAL POLYCHAETE INDIV.		23	49	64	45.3	43.5	23	64	20.7	12.0	46.7	136

	TOTAL POLYCHAETE SP.	14	5	7	10	7.3	7.5	5	10	2.5	1.5	5.7	22

STANUM	STATION	IDORG	DATE	LEG
40004.1	LOWER MAIN CHANNEL	10	07/29/92	1

SPECIES	TAXA		NUMBER PER CORE			SUMMARY STATISTICS						
			rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Chaetozone corona	Polychaeta		2	3	1	2.0	2.0	1	3	1.0	0.6	2.3	6
Cirratulidae spp. indet.	Polychaeta		0	0	3	1.0	1.5	0	3	1.7	1.0	3.9	3
Cossura candida	Polychaeta		16	3	14	11.0	9.5	3	16	7.0	4.0	15.8	33
Glycera americana	Polychaeta		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Glycera spp. indet.	Polychaeta		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Leitoscoloplos pugettensis	Polychaeta		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Levinsenia gracilis	Polychaeta		1	1	3	1.7	2.0	1	3	1.2	0.7	2.6	5
Lumbrineridae spp. indet.	Polychaeta		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Maldanidae spp. indet.	Polychaeta		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Malmgreniella spp. indet.	Polychaeta		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Nephtys cornuta	Polychaeta		0	4	4	2.7	2.0	0	4	2.3	1.3	5.2	8
Paraonidae spp. indet.	Polychaeta		1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Prionospio spp. indet.	Polychaeta		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
nemertea	Nemertea		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Euphilomedes carcharodonta	Ostracoda		0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Protothaca staminea	Bivalvia		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Tellina modesta	Bivalvia		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Aglajidae	Gastropoda		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL INDIVIDUALS		23	13	34	23.3	23.5	13	34	10.5	6.1	23.6	70
	TOTAL SPECIES	18	7	6	13	8.7	9.5	6	13	3.8	2.2	8.5	26
	TOTAL CRUST. INDIV.		0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
	TOTAL CRUST. SP.	1	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	GAMMARID INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	GAMMARID SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	OTHER CRUSTACEAN INDIV.		0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
	OTHER CRUSTACEAN SP.	1	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.		0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
	TOTAL MOLLUSC SP.	3	0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
	TOTAL POLYCHAETE INDIV.		23	12	29	21.3	20.5	12	29	8.6	5.0	19.4	64
	TOTAL POLYCHAETE SP.	13	7	5	9	7.0	7.0	5	9	2.0	1.2	4.5	21

Benthic Community Data

STANUM	STATION	IDORG	DATE	LEG
40004.2	LOWER MAIN CHANNEL	11	07/29/92	1

SPECIES	TAXA		NUMBER PER CORE			SUMMARY STATISTICS						
			rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Ampharetidae spp. juv.	Polychaeta		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Chaetozone corona	Polychaeta		1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Cirratulidae spp. indet.	Polychaeta		1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Cossura candida	Polychaeta		23	24	18	21.7	21.0	18	24	3.2	1.9	7.2	65
Eranno lagunae	Polychaeta		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Leitoscoloplos pugettensis	Polychaeta		2	2	1	1.7	1.5	1	2	0.6	0.3	1.3	5
Levinsenia gracilis	Polychaeta		1	1	2	1.3	1.5	1	2	0.6	0.3	1.3	4
Mediomastus spp. indet.	Polychaeta		2	2	1	1.7	1.5	1	2	0.6	0.3	1.3	5
Monticellina sp. C	Polychaeta		3	4	10	5.7	6.5	3	10	3.8	2.2	8.5	17
Nephtys cornuta	Polychaeta		8	9	3	6.7	6.0	3	9	3.2	1.9	7.2	20
Paraprionospia pinnata	Polychaeta		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Prionospio spp. indet.	Polychaeta		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Scoletoma erecta	Polychaeta		0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Scoletoma tetraura	Polychaeta		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Terebellidae spp. indet.	Polychaeta		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
nemertea	Nemertea		0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Euphilomedes carcharodonta	Ostracoda		4	2	0	2.0	2.0	0	4	2.0	1.2	4.5	6
Bathyleberis californica	Ostracoda		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Amphideutopus oculatus	Amphipoda		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Gnathia crenulatifrons	Isopoda		1	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Listriella goleta	Amphipoda		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Theora fragilis	Bivalvia		0	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3
Amphiodia sp.	Ophioroidea		2	0	1	1.0	1.0	0	2	1.0	0.6	2.3	3
Aglajidae	Gastropoda		1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Macoma sp.	Bivalvia		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL INDIVIDUALS		50	57	44	50.3	50.5	44	57	6.5	3.8	14.6	151
	TOTAL SPECIES	25	13	17	14	14.7	15.0	13	17	2.1	1.2	4.7	44
	TOTAL CRUST. INDIV.		5	3	4	4.0	4.0	3	5	1.0	0.6	2.3	12
	TOTAL CRUST. SP.	5	2	2	3	2.3	2.5	2	3	0.6	0.3	1.3	7
	GAMMARID INDIV.		0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
	GAMMARID SP.	2	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
	OTHER CRUSTACEAN INDIV.		5	3	2	3.3	3.5	2	5	1.5	0.9	3.4	10
	OTHER CRUSTACEAN SP.	3	2	2	1	1.7	1.5	1	2	0.6	0.3	1.3	5

TOTAL ECHINODERM INDIV.		2	0	1	1.0	1.0	0	2	1.0	0.6	2.3	3
TOTAL ECHINODERM SP.	1	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
TOTAL MOLLUSC INDIV.		1	2	3	2.0	2.0	1	3	1.0	0.6	2.3	6
TOTAL MOLLUSC SP.	3	1	1	3	1.7	2.0	1	3	1.2	0.7	2.6	5
TOTAL POLYCHAETE INDIV.		42	50	36	42.7	43.0	36	50	7.0	4.1	15.8	128
TOTAL POLYCHAETE SP.	15	9	13	7	9.7	10.0	7	13	3.1	1.8	6.9	29

STANUM	STATION	IDORG	DATE	LEG
40004.3	LOWER MAIN CHANNEL	12	07/29/92	1

SPECIES	TAXA		NUMBER PER CORE			SUMMARY STATISTICS						
			rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Acmira catherinae	Polychaeta		1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Amphicteis scaphobranchiata	Polychaeta		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Chaetozone corona	Polychaeta		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Cirratulida spp. indet.	Polychaeta		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Cossura candida	Polychaeta		22	39	18	26.3	28.5	18	39	11.2	6.4	25.1	79
Leitoscoloplos pugettensis	Polychaeta		0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Levinsenia gracilis	Polychaeta		4	0	0	1.3	2.0	0	4	2.3	1.3	5.2	4
Malmgreniella spp. indet.	Polychaeta		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Mediomastus spp. indet.	Polychaeta		1	3	0	1.3	1.5	0	3	1.5	0.9	3.4	4
Monticellina dorsobranchialis	Polychaeta		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Nephtys cornuta	Polychaeta		4	1	3	2.7	2.5	1	4	1.5	0.9	3.4	8
Paraprionospio pinnata	Polychaeta		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Prionospio spp. indet.	Polychaeta		2	0	6	2.7	3.0	0	6	3.1	1.8	6.9	8
Sigambra tentaculata	Polychaeta		1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Scoletoma tetraura	Polychaeta		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
nematoda	Nematoda		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
nemertea	Nemertea		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Euphilomedes carcharodonta	Ostracoda		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Solen sp.	Bivalvia		0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Theora fragilis	Bivalvia		1	3	2	2.0	2.0	1	3	1.0	0.6	2.3	6
Amphiodia sp.	Ophioroidea		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL INDIVIDUALS		38	54	36	42.7	45.0	36	54	9.9	5.7	22.2	128
	TOTAL SPECIES	21	10	11	10	10.3	10.5	10	11	0.6	0.3	1.3	31
	TOTAL CRUST. INDIV.		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL CRUST. SP.	1	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	GAMMARID INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	GAMMARID SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0

OTHER CRUSTACEAN INDIV.		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
OTHER CRUSTACEAN SP.	1	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
TOTAL ECHINODERM INDIV.		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
TOTAL ECHINODERM SP.	1	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
TOTAL MOLLUSC INDIV.		1	5	2	2.7	3.0	1	5	2.1	1.2	4.7	8
TOTAL MOLLUSC SP.	2	1	2	1	1.3	1.5	1	2	0.6	0.3	1.3	4
TOTAL POLYCHAETE INDIV.		37	46	33	38.7	39.5	33	46	6.7	3.8	15.0	116
TOTAL POLYCHAETE SP.	15	9	6	8	7.7	7.5	6	9	1.5	0.9	3.4	23

STANUM	STATION	IDORG	DATE	LEG
40005.1	EAST BASIN,TURNING BASIN	13	07/30/92	1

SPECIES	TAXA		NUMBER PER CORE			SUMMARY STATISTICS						
			rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Chaetozone corona	Polychaeta		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Cossura candida	Polychaeta		7	2	9	6.0	5.5	2	9	3.6	2.1	8.1	18
Euchone limnicola	Polychaeta		0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Mediomastus spp. indet.	Polychaeta		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Monticellina sp. C	Polychaeta		4	0	0	1.3	2.0	0	4	2.3	1.3	5.2	4
Nephtys cornuta	Polychaeta		3	0	3	2.0	1.5	0	3	1.7	1.0	3.9	6
Scoletoma erecta	Polychaeta		0	2	2	1.3	1.0	0	2	1.2	0.7	2.6	4
nemertea	Nemertea		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Theora fragilis	Bivalvia		2	1	1	1.3	1.5	1	2	0.6	0.3	1.3	4
TOTAL INDIVIDUALS			17	6	18	13.7	12.0	6	18	6.7	3.8	15.0	41
TOTAL SPECIES		9	5	4	6	5.0	5.0	4	6	1.0	0.6	2.3	15
TOTAL CRUST. INDIV.			0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL CRUST. SP.		0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
GAMMARID INDIV.			0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
GAMMARID SP.		0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
OTHER CRUSTACEAN INDIV.			0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
OTHER CRUSTACEAN SP.		0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL ECHINODERM INDIV.			0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL ECHINODERM SP.		0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL MOLLUSC INDIV.			2	1	1	1.3	1.5	1	2	0.6	0.3	1.3	4
TOTAL MOLLUSC SP.		1	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
TOTAL POLYCHAETE INDIV.			15	4	17	12.0	10.5	4	17	7.0	4.0	15.8	36
TOTAL POLYCHAETE SP.		7	4	2	5	3.7	3.5	2	5	1.5	0.9	3.4	11

Benthic Community Data

STANUM	STATION	IDORG	DATE	LEG
40005.2	EAST BASIN TURNING BASIN	14	07/30/92	1

SPECIES	TAXA		NUMBER PER CORE			SUMMARY STATISTICS						
			rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Chaetozone corona	Polychaeta		0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Cirratulidae spp. indet.	Polychaeta		1	1	2	1.3	1.5	1	2	0.6	0.3	1.3	4
Cossura candida	Polychaeta		2	0	4	2.0	2.0	0	4	2.0	1.2	4.5	6
Glycera americana	Polychaeta		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Mediomastus spp. indet.	Polychaeta		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Nephtys cornuta	Polychaeta		0	3	4	2.3	2.0	0	4	2.1	1.2	4.7	7
Paraprionospio pinnata	Polychaeta		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Spionidae spp. indet.	Polychaeta		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Euphilomedes carcharodonta	Ostracoda		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL INDIVIDUALS		3	10	11	8.0	7.0	3	11	4.4	2.5	9.8	24
	TOTAL SPECIES	9	2	7	4	4.3	4.5	2	7	2.5	1.5	5.7	13
	TOTAL CRUST. INDIV.		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL CRUST. SP.	1	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	GAMMARID INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	GAMMARID SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	OTHER CRUSTACEAN INDIV.		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	OTHER CRUSTACEAN SP.	1	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL POLYCHAETE INDIV.		3	9	11	7.7	7.0	3	11	4.2	2.4	9.4	23
	TOTAL POLYCHAETE SP.	8	2	6	4	4.0	4.0	2	6	2.0	1.2	4.5	12

STANUM	STATION	IDORG	DATE	LEG
40005.3	EAST BASIN TURNING BASIN	15	07/30/92	1

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Cirratulidae spp. indet.	Polychaeta	2	3	2	2.3	2.5	2	3	0.6	0.3	1.3	7
Cossura candida	Polychaeta	0	0	3	1.0	1.5	0	3	1.7	1.0	3.9	3
Euchone limnicola	Polychaeta	1	2	5	2.7	3.0	1	5	2.1	1.2	4.7	8
Mediomastus spp. indet.	Polychaeta	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Monticellina sp. C	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1

Scoletoma erecta	Polychaeta		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Euphilomedes carcharodonta	Ostracoda		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Aglajidae	Gastropoda		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL INDIVIDUALS		3	6	15	8.0	9.0	3	15	6.2	3.6	14.1	24
	TOTAL SPECIES	8	2	3	7	4.0	4.5	2	7	2.6	1.5	6.0	12
	TOTAL CRUST. INDIV.		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL CRUST. SP.	1	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	GAMMARID INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	GAMMARID SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	OTHER CRUSTACEAN INDIV.		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	OTHER CRUSTACEAN SP.	1	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL MOLLUSC SP.	1	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL POLYCHAETE INDIV.		3	6	13	7.3	8.0	3	13	5.1	3.0	11.5	22
	TOTAL POLYCHAETE SP.	6	2	3	5	3.3	3.5	2	5	1.5	0.9	3.4	10

STANUM	STATION	IDORG	DATE	LEG
40006.1	CONSOLIDATED SLIP	16	07/31/92	1

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS						
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Capitella capitata	Polychaeta	6	8	6	6.7	7.0	6	8	1.2	0.7	2.6	20
Cossura candida	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Dorvillea longicornis	Polychaeta	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Euchone limnicola	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Leitoscoloplos spp. juv.	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Nephtys cornuta	Polychaeta	4	6	0	3.3	3.0	0	6	3.1	1.8	6.9	10
Nereididae spp. juv.	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
oligochaeta	Polychaeta	0	0	3	1.0	1.5	0	3	1.7	1.0	3.9	3
Grandidierella japonica	Amphipoda	3	4	3	3.3	3.5	3	4	0.6	0.3	1.3	10
Theora fragilis	Bivalvia	5	12	2	6.3	7.0	2	12	5.1	3.0	11.5	19
Aglajidae	Gastropoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL INDIVIDUALS	21	34	14	23.0	24.0	14	34	10.1	5.9	22.8	69
	TOTAL SPECIES 11	6	8	4	6.0	6.0	4	8	2.0	1.2	4.5	18
	TOTAL CRUST. INDIV.	3	4	3	3.3	3.5	3	4	0.6	0.3	1.3	10
	TOTAL CRUST. SP. 1	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
	GAMMARID INDIV.	3	4	3	3.3	3.5	3	4	0.6	0.3	1.3	10

GAMMARID SP.	1	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
OTHER CRUSTACEAN INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
OTHER CRUSTACEAN SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL MOLLUSC INDIV.		6	12	2	6.7	7.0	2	12	5.0	2.9	11.3	20
TOTAL MOLLUSC SP.	2	2	1	1	1.3	1.5	1	2	0.6	0.3	1.3	4
TOTAL POLYCHAETE INDIV.		12	18	9	13.0	13.5	9	18	4.6	2.6	10.3	39
TOTAL POLYCHAETE SP.	8	3	6	2	3.7	4.0	2	6	2.1	1.2	4.7	11

STANUM	STATION	IDORG	DATE	LEG
40006.2	CONSOLIDATED SLIP	17	07/31/92	1

SPECIES	TAXA		NUMBER PER CORE			SUMMARY STATISTICS						
			rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Capitella capitata	Polychaeta		0	1	4	1.7	2.0	0	4	2.1	1.2	4.7	5
Euchone limnicola	Polychaeta		1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Nephtys cornuta	Polychaeta		0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
oligochaeta	Polychaeta		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Grandidierella japonica	Amphipoda		1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Amphideutopus oculatus	Amphipoda		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Rudilemboides stenopropodus	Amphipoda		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Theora fragilis	Bivalvia		1	6	1	2.7	3.5	1	6	2.9	1.7	6.5	8
Euphilomedes carcharodonta	Ostracoda		0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Mactra californica	Bivalvia		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL INDIVIDUALS		4	9	12	8.3	8.0	4	12	4.0	2.3	9.1	25
	TOTAL SPECIES	10	4	4	8	5.3	6.0	4	8	2.3	1.3	5.2	16
	TOTAL CRUST. INDIV.		2	0	4	2.0	2.0	0	4	2.0	1.2	4.5	6
	TOTAL CRUST. SP.	4	2	0	3	1.7	1.5	0	3	1.5	0.9	3.4	5
	GAMMARID INDIV.		2	0	2	1.3	1.0	0	2	1.2	0.7	2.6	4
	GAMMARID SP.	3	2	0	2	1.3	1.0	0	2	1.2	0.7	2.6	4
	OTHER CRUSTACEAN INDIV.		0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
	OTHER CRUSTACEAN SP.	1	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.		1	6	2	3.0	3.5	1	6	2.6	1.5	6.0	9
	TOTAL MOLLUSC SP.	2	1	1	2	1.3	1.5	1	2	0.6	0.3	1.3	4
	TOTAL POLYCHAETE INDIV.		1	3	6	3.3	3.5	1	6	2.5	1.5	5.7	10
	TOTAL POLYCHAETE SP.	4	1	3	3	2.3	2.0	1	3	1.2	0.7	2.6	7

Benthic Community Data

STANUM	STATION	IDORG	DATE	LEG
40006.3	CONSOLIDATED SLIP	18	07/31/92	1

SPECIES	TAXA		NUMBER PER CORE			SUMMARY STATISTICS						
			rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Capitella capitata	Polychaeta		0	67	4	23.7	33.5	0	67	37.6	21.7	84.6	71
Cossura candida	Polychaeta		0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Dorvillea longicornis	Polychaeta		0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
oligochaeta	Polychaeta		0	24	3	9.0	12.0	0	24	13.1	7.5	29.4	27
Grandidierella japonica	Amphipoda		1	74	1	25.3	37.5	1	74	42.1	24.3	94.8	76
Corophium ? acherusicum	Amphipoda		0	4	0	1.3	2.0	0	4	2.3	1.3	5.2	4
Mayerella banksia	Amphipoda		0	8	0	2.7	4.0	0	8	4.6	2.7	10.4	8
Theora fragilis	Bivalvia		0	3	0	1.0	1.5	0	3	1.7	1.0	3.9	3
Protothaca sp.	Bivalvia		0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Kellia sp.	Bivalvia		0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
	TOTAL INDIVIDUALS		1	187	9	65.7	94.0	1	187	105.2	60.7	236.6	197
	TOTAL SPECIES	10	1	10	4	5.0	5.5	1	10	4.6	2.6	10.3	15
	TOTAL CRUST. INDIV.		1	86	1	29.3	43.5	1	86	49.1	28.3	110.4	88
	TOTAL CRUST. SP.	3	1	3	1	1.7	2.0	1	3	1.2	0.7	2.6	5
	GAMMARID INDIV.		1	86	1	29.3	43.5	1	86	49.1	28.3	110.4	88
	GAMMARID SP.	3	1	3	1	1.7	2.0	1	3	1.2	0.7	2.6	5
	OTHER CRUSTACEAN INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	OTHER CRUSTACEAN SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.		0	7	0	2.3	3.5	0	7	4.0	2.3	9.1	7
	TOTAL MOLLUSC SP.	3	0	3	0	1.0	1.5	0	3	1.7	1.0	3.9	3
	TOTAL POLYCHAETE INDIV.		0	94	8	34.0	47.0	0	94	52.1	30.1	117.3	102
	TOTAL POLYCHAETE SP.	4	0	4	3	2.3	2.0	0	4	2.1	1.2	4.7	7

Benthic Community Data

STANUM	STATION	IDORG	DATE	LEG
40007.1	LONG BEACH HAR.(CHANNEL2)	19	09/01/92	3

SPECIES	TAXA		NUMBER PER CORE			SUMMARY STATISTICS						
			rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Aphelochaeta monilaris	Polychaeta		2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Aphelochaeta multifilis	Polychaeta		3	1	2	2.0	2.0	1	3	1.0	0.6	2.3	6
Chaetozone corona	Polychaeta		3	2	4	3.0	3.0	2	4	1.0	0.6	2.3	9
Cossura candida	Polychaeta		42	30	46	39.3	38.0	30	46	8.3	4.8	18.7	118
Eranno lagunae	Polychaeta		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Euchone limnicola	Polychaeta		1	2	2	1.7	1.5	1	2	0.6	0.3	1.3	5
Eumida longicornuta	Polychaeta		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Glycera capitata	Polychaeta		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Leitoscoloplos pugettensis	Polychaeta		0	4	2	2.0	2.0	0	4	2.0	1.2	4.5	6
Levinsenia gracilis	Polychaeta		1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Mediomastus californiensis	Polychaeta		10	6	11	9.0	8.5	6	11	2.6	1.5	6.0	27
Monticellina dorsobranchialis	Polychaeta		8	5	6	6.3	6.5	5	8	1.5	0.9	3.4	19
Monticellina sp. C	Polychaeta		5	3	21	9.7	12.0	3	21	9.9	5.7	22.2	29
Nephtys cornuta	Polychaeta		2	6	3	3.7	4.0	2	6	2.1	1.2	4.7	11
Nereis procera	Polychaeta		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Notomastus tenuis	Polychaeta		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Paramage scutata	Polychaeta		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Paraonidae spp. indet.	Polychaeta		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Paraprionospio pinnata	Polychaeta		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Podarkeopsis glabra	Polychaeta		0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Prionospio lighti	Polychaeta		5	0	0	1.7	2.5	0	5	2.9	1.7	6.5	5
Scoletoma erecta	Polychaeta		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Scoletoma tetraura	Polychaeta		0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Spiophanes bombyx	Polychaeta		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Streblosoma sp. B	Polychaeta		1	3	3	2.3	2.0	1	3	1.2	0.7	2.6	7
nemertea	Nemertea		1	1	3	1.7	2.0	1	3	1.2	0.7	2.6	5
Listriella goleta	Amphipoda		1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Euphilomedes carcharodonta	Ostracoda		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Bathyleberis californica	Ostracoda		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Theora fragilis	Bivalvia		5	1	4	3.3	3.0	1	5	2.1	1.2	4.7	10
	TOTAL INDIVIDUALS		93	72	114	93.0	93.0	72	114	21.0	12.1	47.3	279
	TOTAL SPECIES	30	18	19	19	18.7	18.5	18	19	0.6	0.3	1.3	56
	TOTAL CRUST. INDIV.		1	1	2	1.3	1.5	1	2	0.6	0.3	1.3	4
	TOTAL CRUST. SP.	3	1	1	2	1.3	1.5	1	2	0.6	0.3	1.3	4

GAMMARID INDIV.		1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
GAMMARID SP.	1	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
OTHER CRUSTACEAN INDIV.		0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
OTHER CRUSTACEAN SP.	2	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL MOLLUSC INDIV.		5	1	4	3.3	3.0	1	5	2.1	1.2	4.7	10
TOTAL MOLLUSC SP.	1	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
TOTAL POLYCHAETE INDIV.		86	69	105	86.7	87.0	69	105	18.0	10.4	40.5	260
TOTAL POLYCHAETE SP.	25	15	16	15	15.3	15.5	15	16	0.6	0.3	1.3	46

STANUM	STATION	IDORG	DATE	LEG
40007.2	LONG BEACH HAR.(CHANNEL2)	20	09/01/92	3

SPECIES	TAXA		NUMBER PER CORE			SUMMARY STATISTICS						
			rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Aphelochaeta monilaris	Polychaeta		3	3	0	2.0	1.5	0	3	1.7	1.0	3.9	6
Aphelochaeta multifilis	Polychaeta		7	2	3	4.0	4.5	2	7	2.6	1.5	6.0	12
Chaetozone corona	Polychaeta		0	2	3	1.7	1.5	0	3	1.5	0.9	3.4	5
Chaetozone sp. 1	Polychaeta		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Cossura candida	Polychaeta		34	43	49	42.0	41.5	34	49	7.5	4.4	17.0	126
Dorvillea longicornis	Polychaeta		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Eranno lagunae	Polychaeta		0	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3
Euchone limnicola	Polychaeta		4	2	1	2.3	2.5	1	4	1.5	0.9	3.4	7
Leitoscoloplos pugettensis	Polychaeta		0	5	2	2.3	2.5	0	5	2.5	1.5	5.7	7
Mediomastus californiensis	Polychaeta		8	14	8	10.0	11.0	8	14	3.5	2.0	7.8	30
Monticellina dorsobranchialis	Polychaeta		13	9	2	8.0	7.5	2	13	5.6	3.2	12.5	24
Monticellina sp. C	Polychaeta		5	4	7	5.3	5.5	4	7	1.5	0.9	3.4	16
Nephtys cornuta	Polychaeta		4	8	1	4.3	4.5	1	8	3.5	2.0	7.9	13
Notomastus tenuis	Polychaeta		0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Scoletoma erecta	Polychaeta		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Spiophanes bombyx	Polychaeta		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Streblosoma sp. B	Polychaeta		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
nemertea	Nemertea		1	1	2	1.3	1.5	1	2	0.6	0.3	1.3	4
Theora fragilis	Bivalvia		0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Aglajidae	Gastropoda		0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
	TOTAL INDIVIDUALS		81	99	85	88.3	90.0	81	99	9.5	5.5	21.3	265
	TOTAL SPECIES	20	11	15	15	13.7	13.0	11	15	2.3	1.3	5.2	41
	TOTAL CRUST. INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0

TOTAL CRUST. SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
GAMMARID INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
GAMMARID SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
OTHER CRUSTACEAN INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
OTHER CRUSTACEAN SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL MOLLUSC INDIV.		0	1	4	1.7	2.0	0	4	2.1	1.2	4.7	5
TOTAL MOLLUSC SP.	2	0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
TOTAL POLYCHAETE INDIV.		80	97	79	85.3	88.0	79	97	10.1	5.8	22.8	256
TOTAL POLYCHAETE SP.	17	10	13	12	11.7	11.5	10	13	1.5	0.9	3.4	35

STANUM	STATION	IDORG	DATE	LEG
40007.3	LONG BEACH HAR.(CHANNEL2)	21	09/01/92	3

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS						
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Aphelochaeta monilaris	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Aphelochaeta multifilis	Polychaeta	1	6	2	3.0	3.5	1	6	2.6	1.5	6.0	9
Chaetozone corona	Polychaeta	3	1	2	2.0	2.0	1	3	1.0	0.6	2.3	6
Cossura candida	Polychaeta	17	25	20	20.7	21.0	17	25	4.0	2.3	9.1	62
Eranno lagunae	Polychaeta	2	1	0	1.0	1.0	0	2	1.0	0.6	2.3	3
Euchone limnicola	Polychaeta	7	6	3	5.3	5.0	3	7	2.1	1.2	4.7	16
Leitoscoloplos pugettensis	Polychaeta	3	4	1	2.7	2.5	1	4	1.5	0.9	3.4	8
Mediomastus californiensis	Polychaeta	9	7	6	7.3	7.5	6	9	1.5	0.9	3.4	22
Monticellina dorsobranchialis	Polychaeta	9	9	17	11.7	13.0	9	17	4.6	2.7	10.4	35
Monticellina sp. C	Polychaeta	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Nephtys cornuta	Polychaeta	2	8	1	3.7	4.5	1	8	3.8	2.2	8.5	11
Notomastus tenuis	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Paraprionospio pinnata	Polychaeta	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
Podarkeopsis sp. A	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Prionospio heterobranchia	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Scoletoma erecta	Polychaeta	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
nemertea	Nemertea	1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3
Synchelidium sp.	Amphipoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Theora fragilis	Bivalvia	3	4	3	3.3	3.5	3	4	0.6	0.3	1.3	10
Neotrypaea californiensis	Decapoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Aglajidae	Gastropoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL INDIVIDUALS	62	77	60	66.3	68.5	60	77	9.3	5.4	20.9	199

TOTAL SPECIES	21	16	15	14	15.0	15.0	14	16	1.0	0.6	2.3	45
TOTAL CRUST. INDIV.		1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
TOTAL CRUST. SP.	2	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
GAMMARID INDIV.		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
GAMMARID SP.	1	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
OTHER CRUSTACEAN INDIV.		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
OTHER CRUSTACEAN SP.	1	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL MOLLUSC INDIV.		3	4	4	3.7	3.5	3	4	0.6	0.3	1.3	11
TOTAL MOLLUSC SP.	2	1	1	2	1.3	1.5	1	2	0.6	0.3	1.3	4
TOTAL POLYCHAETE INDIV.		57	70	56	61.0	63.0	56	70	7.8	4.5	17.6	183
TOTAL POLYCHAETE SP.	16	13	12	12	12.3	12.5	12	13	0.6	0.3	1.3	37

STANUM	STATION	IDORG	DATE	LEG
40008.1	EAST BASIN PIER C	22	08/18/92	2

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Acmira catherinae	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Aphelochaeta monilaris	Polychaeta	1	1	2	1.3	1.5	1	2	0.6	0.3	1.3	4
Aphelochaeta multifilis	Polychaeta	1	1	6	2.7	3.5	1	6	2.9	1.7	6.5	8
Aricidea wassi	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Chaetozone corona	Polychaeta	2	1	0	1.0	1.0	0	2	1.0	0.6	2.3	3
Cossura candida	Polychaeta	38	39	55	44.0	46.5	38	55	9.5	5.5	21.5	132
Euchone limnicola	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Euclymeninae spp. indet.	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Glycera americana	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Leitoscoloplos pugettensis	Polychaeta	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
Levinsenia gracilis	Polychaeta	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Lumbrineris inflata	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Malmgreniella macginitiei	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Marphysa disjuncta	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Mediomastus californiensis	Polychaeta	8	6	3	5.7	5.5	3	8	2.5	1.5	5.7	17
Megalomma pigmentum	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Melinna oculata	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Micropodarke dubia	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Monticellina dorsobranchialis	Polychaeta	2	3	1	2.0	2.0	1	3	1.0	0.6	2.3	6
Monticellina sp. C	Polychaeta	9	15	21	15.0	15.0	9	21	6.0	3.5	13.5	45

Nephtys cornuta	Polychaeta		3	2	4	3.0	3.0	2	4	1.0	0.6	2.3	9
Nereis procera	Polychaeta		1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Paraprionospio pinnata	Polychaeta		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Pholoe glabra	Polychaeta		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Scoletoma erecta	Polychaeta		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Sigambra tentaculata	Polychaeta		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Streblospio sp. B	Polychaeta		1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
nemertea	Nemertea		0	2	2	1.3	1.0	0	2	1.2	0.7	2.6	4
Euphilomedes carcharodonta	Ostracoda		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Listriella goleta	Amphipoda		0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Amphideutopus oculatus	Amphipoda		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Corophium heteroceratum	Amphipoda		1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Theora fragilis	Bivalvia		4	3	5	4.0	4.0	3	5	1.0	0.6	2.3	12
Parvilucina tenuisculpta	Bivalvia		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL INDIVIDUALS		77	85	110	90.7	93.5	77	110	17.2	9.9	38.7	272
	TOTAL SPECIES	34	18	21	20	19.7	19.5	18	21	1.5	0.9	3.4	59
	TOTAL CRUST. INDIV.		1	4	1	2.0	2.5	1	4	1.7	1.0	3.9	6
	TOTAL CRUST. SP.	4	1	3	1	1.7	2.0	1	3	1.2	0.7	2.6	5
	GAMMARID INDIV.		1	3	1	1.7	2.0	1	3	1.2	0.7	2.6	5
	GAMMARID SP.	3	1	2	1	1.3	1.5	1	2	0.6	0.3	1.3	4
	OTHER CRUSTACEAN INDIV.		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	OTHER CRUSTACEAN SP.	1	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.		4	3	6	4.3	4.5	3	6	1.5	0.9	3.4	13
	TOTAL MOLLUSC SP.	2	1	1	2	1.3	1.5	1	2	0.6	0.3	1.3	4
	TOTAL POLYCHAETE INDIV.		72	76	101	83.0	86.5	72	101	15.7	9.1	35.4	249
	TOTAL POLYCHAETE SP.	27	16	16	16	16.0	16.0	16	16	0.0	0.0	0.0	48

STANUM	STATION	IDORG	DATE	LEG
40008.2	EAST BASIN PIER C	23	08/18/92	2

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS						
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Aphelochaeta monilaris	Polychaeta	0	1	4	1.7	2.0	0	4	2.1	1.2	4.7	5
Aphelochaeta multifilis	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Cossura candida	Polychaeta	19	13	31	21.0	22.0	13	31	9.2	5.3	20.6	63
Laonice cirrata	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Leitoscoloplos pugettensis	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1

Levinsenia gracilis	Polychaeta		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Mediomastus californiensis	Polychaeta		5	2	8	5.0	5.0	2	8	3.0	1.7	6.8	15
Monticellina dorsobranchialis	Polychaeta		3	2	0	1.7	1.5	0	3	1.5	0.9	3.4	5
Nephtys cornuta	Polychaeta		0	2	4	2.0	2.0	0	4	2.0	1.2	4.5	6
Podarkeopsis sp. A	Polychaeta		0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Prionospio lighti	Polychaeta		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Scoletoma erecta	Polychaeta		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Sigambra tentaculata	Polychaeta		2	0	1	1.0	1.0	0	2	1.0	0.6	2.3	3
nemertea	Nemertea		1	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3
oligochaeta	Oligochaeta		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Corophium heteroceratum	Amphipoda		1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Amphideutopus oculatus	Amphipoda		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Listriella goleta	Amphipoda		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Pinnixa sp.	Decapoda		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Theora fragilis	Bivalvia		1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3
	TOTAL INDIVIDUALS		33	27	57	39.0	42.0	27	57	15.9	9.2	35.7	117
	TOTAL SPECIES	20	8	11	13	10.7	10.5	8	13	2.5	1.5	5.7	32
	TOTAL CRUST. INDIV.		1	3	1	1.7	2.0	1	3	1.2	0.7	2.6	5
	TOTAL CRUST. SP.	4	1	3	1	1.7	2.0	1	3	1.2	0.7	2.6	5
	GAMMARID INDIV.		1	3	0	1.3	1.5	0	3	1.5	0.9	3.4	4
	GAMMARID SP.	3	1	3	0	1.3	1.5	0	3	1.5	0.9	3.4	4
	OTHER CRUSTACEAN INDIV.		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	OTHER CRUSTACEAN SP.	1	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.		1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3
	TOTAL MOLLUSC SP.	1	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
	TOTAL POLYCHAETE INDIV.		30	21	54	35.0	37.5	21	54	17.1	9.8	38.4	105
	TOTAL POLYCHAETE SP.	13	5	6	11	7.3	8.0	5	11	3.2	1.9	7.2	22

STANUM	STATION	IDORG	DATE	LEG
40008.3	EAST BASIN PIER C	24	08/18/92	2

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS						
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Acmira catherinae	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Aphelochaeta monilaris	Polychaeta	5	1	3	3.0	3.0	1	5	2.0	1.2	4.5	9
Aphelochaeta multifilis	Polychaeta	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Aricidea wassi	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1

Chaetozone corona	Polychaeta		5	3	3	3.7	4.0	3	5	1.2	0.7	2.6	11
Cossura candida	Polychaeta		58	68	110	78.7	84.0	58	110	27.6	15.9	62.1	236
Eranno lagunae	Polychaeta		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Euclymeninae spp. juv.	Polychaeta		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Glycera americana	Polychaeta		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Leitoscoloplos pugettensis	Polychaeta		3	4	1	2.7	2.5	1	4	1.5	0.9	3.4	8
Mediomastus californiensis	Polychaeta		13	7	8	9.3	10.0	7	13	3.2	1.9	7.2	28
Monticellina dorsobranchialis	Polychaeta		3	4	3	3.3	3.5	3	4	0.6	0.3	1.3	10
Monticellina sp. C	Polychaeta		7	10	7	8.0	8.5	7	10	1.7	1.0	3.9	24
Nephtys cornuta	Polychaeta		5	5	8	6.0	6.5	5	8	1.7	1.0	3.9	18
Nereis procera	Polychaeta		2	1	1	1.3	1.5	1	2	0.6	0.3	1.3	4
Podarkeopsis sp. A	Polychaeta		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Prionospio lighti	Polychaeta		1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
Scoletoma erecta	Polychaeta		0	4	2	2.0	2.0	0	4	2.0	1.2	4.5	6
Spiophanes missionensis	Polychaeta		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Terebellides californica	Polychaeta		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
nemertea	Nemertea		0	3	0	1.0	1.5	0	3	1.7	1.0	3.9	3
Euphilomedes carcharodonta	Ostracoda		2	1	0	1.0	1.0	0	2	1.0	0.6	2.3	3
Listriella goleta	Amphipoda		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Sinelobus stanfordi			1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Amphideutopus oculatus	Amphipoda		0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Laevicardium substriatum	Bivalvia		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Theora fragilis	Bivalvia		8	4	5	5.7	6.0	4	8	2.1	1.2	4.7	17
Macoma ?	Bivalvia		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Tagelus subteres	Bivalvia		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Cooperella subdiaphana	Bivalvia		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Aglajidae	Gastropoda		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL INDIVIDUALS		119	120	160	133.0	139.5	119	160	23.4	13.5	52.6	399
	TOTAL SPECIES	31	19	18	19	18.7	18.5	18	19	0.6	0.3	1.3	56
	TOTAL CRUST. INDIV.		4	1	2	2.3	2.5	1	4	1.5	0.9	3.4	7
	TOTAL CRUST. SP.	4	3	1	1	1.7	2.0	1	3	1.2	0.7	2.6	5
	GAMMARID INDIV.		1	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3
	GAMMARID SP.	2	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
	OTHER CRUSTACEAN INDIV.		3	1	0	1.3	1.5	0	3	1.5	0.9	3.4	4
	OTHER CRUSTACEAN SP.	2	2	1	0	1.0	1.0	0	2	1.0	0.6	2.3	3
	TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.		10	6	6	7.3	8.0	6	10	2.3	1.3	5.2	22
	TOTAL MOLLUSC SP.	6	3	3	2	2.7	2.5	2	3	0.6	0.3	1.3	8

Benthic Community Data

TOTAL POLYCHAETE INDIV.		105	110	152	122.3	128.5	105	152	25.8	14.9	58.1	367
TOTAL POLYCHAETE SP.	20	13	13	16	14.0	14.5	13	16	1.7	1.0	3.9	42

STANUM	STATION	IDORG	DATE	LEG
40009.1	WEST BASIN ENTRANCE	25	08/18/92	2

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Acmira catherinae	Polychaeta	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
Acmira horikoshii	Polychaeta	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Aphelochaeta multifilis	Polychaeta	1	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Apoprionospio pygmaea	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Chaetozone corona	Polychaeta	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
Chone mollis	Polychaeta	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Cossura candida	Polychaeta	27	27	27	27.0	27.0	27	27	0.0	0.0	0.0	81
Euclymeninae spp. indet.	Polychaeta	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Leitoscoloplos pugettensis	Polychaeta	0	3	4	2.3	2.0	0	4	2.1	1.2	4.7	7
Levinsenia gracilis	Polychaeta	2	6	6	4.7	4.0	2	6	2.3	1.3	5.2	14
Lumbrineris californiensis	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Mediomastus californiensis	Polychaeta	4	8	8	6.7	6.0	4	8	2.3	1.3	5.2	20
Monticellina dorsobranchialis	Polychaeta	1	1	4	2.0	2.5	1	4	1.7	1.0	3.9	6
Monticellina sp. C	Polychaeta	9	3	3	5.0	6.0	3	9	3.5	2.0	7.8	15
Nephtys cornuta	Polychaeta	2	0	3	1.7	1.5	0	3	1.5	0.9	3.4	5
Nereis procera	Polychaeta	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
Paraprionospio pinnata	Polychaeta	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Phyllodoce hartmanae	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Podarkeopsis sp. A	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Prionospio lighti	Polychaeta	3	2	0	1.7	1.5	0	3	1.5	0.9	3.4	5
Prionospio sp. A	Polychaeta	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Scoletoma erecta	Polychaeta	0	3	2	1.7	1.5	0	3	1.5	0.9	3.4	5
Sphaerosyllis californiensis	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
nemertea	Nemertea	2	0	2	1.3	1.0	0	2	1.2	0.7	2.6	4
oligochaeta	Oligochaeta	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Amphideutopus oculatus	Amphipoda	4	2	10	5.3	6.0	2	10	4.2	2.4	9.4	16
Euphilomedes carcharodonta	Ostracoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Isaeidae	Amphipoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Amphiodia sp.	Ophioroidea	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Sulcoretusa xystrum	Gastropoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Rudilemboides stenopropodus	Amphipoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1

Lophopanopeus bellus	Decapoda		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL INDIVIDUALS		66	62	85	71.0	73.5	62	85	12.3	7.1	27.6	213
	TOTAL SPECIES	32	19	16	23	19.3	19.5	16	23	3.5	2.0	7.9	58
	TOTAL CRUST. INDIV.		4	4	12	6.7	8.0	4	12	4.6	2.7	10.4	20
	TOTAL CRUST. SP.	5	1	3	3	2.3	2.0	1	3	1.2	0.7	2.6	7
	GAMMARID INDIV.		4	3	11	6.0	7.0	3	11	4.4	2.5	9.8	18
	GAMMARID SP.	3	1	2	2	1.7	1.5	1	2	0.6	0.3	1.3	5
	OTHER CRUSTACEAN INDIV.		0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
	OTHER CRUSTACEAN SP.	2	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
	TOTAL ECHINODERM INDIV.		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL ECHINODERM SP.	1	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL MOLLUSC INDIV.		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL MOLLUSC SP.	1	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL POLYCHAETE INDIV.		57	58	70	61.7	63.5	57	70	7.2	4.2	16.3	185
	TOTAL POLYCHAETE SP.	23	15	13	18	15.3	15.5	13	18	2.5	1.5	5.7	46

STANUM	STATION	IDORG	DATE	LEG
40009.2	WEST BASIN ENTRANCE	26	08/18/92	2

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS						
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Aphelochaeta monilaris	Polychaeta	2	1	2	1.7	1.5	1	2	0.6	0.3	1.3	5
Aphelochaeta multifilis	Polychaeta	1	1	3	1.7	2.0	1	3	1.2	0.7	2.6	5
Apoprionospio pygmaea	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Cossura candida	Polychaeta	8	8	13	9.7	10.5	8	13	2.9	1.7	6.5	29
Euclymeninae spp. indet.	Polychaeta	2	1	6	3.0	3.5	1	6	2.6	1.5	6.0	9
Glycera americana	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Leitoscoloplos pugettensis	Polychaeta	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Malmgreniella macginitiei	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Marphysa disjuncta	Polychaeta	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Mediomastus californiensis	Polychaeta	3	10	6	6.3	6.5	3	10	3.5	2.0	7.9	19
Monticellina dorsobranchialis	Polychaeta	2	3	3	2.7	2.5	2	3	0.6	0.3	1.3	8
Monticellina sp. C	Polychaeta	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Nephtys cornuta	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Nereis procera	Polychaeta	0	0	3	1.0	1.5	0	3	1.7	1.0	3.9	3
Paramage scutata	Polychaeta	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Podarkeopsis sp. A	Polychaeta	1	1	3	1.7	2.0	1	3	1.2	0.7	2.6	5
Prionospio lighti	Polychaeta	1	4	4	3.0	2.5	1	4	1.7	1.0	3.9	9
Scoletoma erecta	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1

Streblosoma sp. B	Polychaeta		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Terebellides californica	Polychaeta		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
nemertea	Nemertea		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Amphideutopus oculatus	Amphipoda		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Listriella goleta	Amphipoda		0	2	2	1.3	1.0	0	2	1.2	0.7	2.6	4
Serolis carinata	Isopoda		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Tellina modesta	Bivalvia		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Theora fragilis	Bivalvia		0	4	1	1.7	2.0	0	4	2.1	1.2	4.7	5
Turbonilla sp.	Gastropoda		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Mytilus sp.	Bivalvia		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL INDIVIDUALS		23	45	54	40.7	38.5	23	54	15.9	9.2	35.9	122
	TOTAL SPECIES	28	11	20	18	16.3	15.5	11	20	4.7	2.7	10.6	49
	TOTAL CRUST. INDIV.		0	4	2	2.0	2.0	0	4	2.0	1.2	4.5	6
	TOTAL CRUST. SP.	3	0	3	1	1.3	1.5	0	3	1.5	0.9	3.4	4
	GAMMARID INDIV.		0	3	2	1.7	1.5	0	3	1.5	0.9	3.4	5
	GAMMARID SP.	2	0	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3
	OTHER CRUSTACEAN INDIV.		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	OTHER CRUSTACEAN SP.	1	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.		0	7	1	2.7	3.5	0	7	3.8	2.2	8.5	8
	TOTAL MOLLUSC SP.	4	0	4	1	1.7	2.0	0	4	2.1	1.2	4.7	5
	TOTAL POLYCHAETE INDIV.		23	33	51	35.7	37.0	23	51	14.2	8.2	31.9	107
	TOTAL POLYCHAETE SP.	20	11	12	16	13.0	13.5	11	16	2.6	1.5	6.0	39

STANUM	STATION	IDORG	DATE	LEG
40009.3	WEST BASIN ENTRANCE	27	08/18/92	2

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS						
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Acmira catherinae	Polychaeta	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Amphicteis scaphobranchiata	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Aphelochaeta monilaris	Polychaeta	0	2	5	2.3	2.5	0	5	2.5	1.5	5.7	7
Aphelochaeta multifilis	Polychaeta	2	3	1	2.0	2.0	1	3	1.0	0.6	2.3	6
Apoprionospio pygmaea	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Chaetozone corona	Polychaeta	1	6	3	3.3	3.5	1	6	2.5	1.5	5.7	10
Cossura candida	Polychaeta	17	59	77	51.0	47.0	17	77	30.8	17.8	69.3	153
Glycera americana	Polychaeta	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
Leitoscoloplos pugettensis	Polychaeta	2	2	4	2.7	3.0	2	4	1.2	0.7	2.6	8

Levinsenia gracilis	Polychaeta		1	0	3	1.3	1.5	0	3	1.5	0.9	3.4	4
Mediomastus californiensis	Polychaeta		10	14	6	10.0	10.0	6	14	4.0	2.3	9.0	30
Monticellina dorsobranchialis	Polychaeta		1	4	2	2.3	2.5	1	4	1.5	0.9	3.4	7
Monticellina sp. C	Polychaeta		7	7	4	6.0	5.5	4	7	1.7	1.0	3.9	18
Nephtys cornuta	Polychaeta		4	13	6	7.7	8.5	4	13	4.7	2.7	10.6	23
Nereis procera	Polychaeta		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Paramage scutata	Polychaeta		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Paraprionospio pinnata	Polychaeta		1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Phyllodoce hartmanae	Polychaeta		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Phyllodoce longipes	Polychaeta		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Pista disjuncta	Polychaeta		3	1	0	1.3	1.5	0	3	1.5	0.9	3.4	4
Podarkeopsis sp. A	Polychaeta		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Prionospio lighti	Polychaeta		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Prionospio sp. A	Polychaeta		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Scoletoma erecta	Polychaeta		2	2	3	2.3	2.5	2	3	0.6	0.3	1.3	7
Streblosoma sp. B	Polychaeta		1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Terebellides californica	Polychaeta		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
nemertea	Nemertea		4	1	0	1.7	2.0	0	4	2.1	1.2	4.7	5
Amphideutopus oculatus	Amphipoda		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Theora fragilis	Bivalvia		1	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Laevicardium substriatum	Bivalvia		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Odostomia sp.	Gastropoda		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Aglajidae	Gastropoda		1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Anthozoa	Anthozoa		5	0	1	2.0	2.5	0	5	2.6	1.5	6.0	6
	TOTAL INDIVIDUALS		66	120	128	104.7	97.0	66	128	33.7	19.5	75.9	314
	TOTAL SPECIES	33	20	17	23	20.0	20.0	17	23	3.0	1.7	6.8	60
	TOTAL CRUST. INDIV.		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL CRUST. SP.	1	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	GAMMARID INDIV.		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	GAMMARID SP.	1	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	OTHER CRUSTACEAN INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	OTHER CRUSTACEAN SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.		3	0	4	2.3	2.0	0	4	2.1	1.2	4.7	7
	TOTAL MOLLUSC SP.	4	3	0	3	2.0	1.5	0	3	1.7	1.0	3.9	6
	TOTAL POLYCHAETE INDIV.		54	119	122	98.3	88.0	54	122	38.4	22.2	86.5	295
	TOTAL POLYCHAETE SP.	26	15	16	18	16.3	16.5	15	18	1.5	0.9	3.4	49

Benthic Community Data

STANUM	STATION	IDORG	DATE	LEG
40010.1	OFF CABRILLO BEACH	28	08/18/92	2

SPECIES	TAXA		NUMBER PER CORE			SUMMARY STATISTICS						
			rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Apoprionospio pygmaea	Polychaeta		2	2	1	1.7	1.5	1	2	0.6	0.3	1.3	5
Cossura candida	Polychaeta		59	104	150	104.3	104.5	59	150	45.5	26.3	102.4	313
Mediomastus californiensis	Polychaeta		43	13	53	36.3	33.0	13	53	20.8	12.0	46.8	109
Nephtys caecoides	Polychaeta		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Nephtys comuta	Polychaeta		1	2	1	1.3	1.5	1	2	0.6	0.3	1.3	4
Polydora comuta	Polychaeta		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Prionospio lighti	Polychaeta		12	7	26	15.0	16.5	7	26	9.8	5.7	22.2	45
Pseudopolydora paucibranchiata	Polychaeta		3	0	2	1.7	1.5	0	3	1.5	0.9	3.4	5
Scoletoma erecta	Polychaeta		0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
nemertea	Nemertea		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Euphilomedes carcharodonta	Ostracoda		27	19	27	24.3	23.0	19	27	4.6	2.7	10.4	73
Listriella goleta	Amphipoda		8	1	5	4.7	4.5	1	8	3.5	2.0	7.9	14
Corophium heterceratum	Amphipoda		15	8	23	15.3	15.5	8	23	7.5	4.3	16.9	46
Amphideutopus oculatus	Amphipoda		1	9	5	5.0	5.0	1	9	4.0	2.3	9.0	15
Lophopanopeus bellus	Decapoda		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Theora fragilis	Bivalvia		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Corophium ? acherusicum	Amphipoda		0	3	0	1.0	1.5	0	3	1.7	1.0	3.9	3
Bathyleberis californica	Ostracoda		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Rudilemboides stenopropodus	Amphipoda		3	0	0	1.0	1.5	0	3	1.7	1.0	3.9	3
Olivella baetica	Gastropoda		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Mayerella banksia	Amphipoda		0	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3
Macoma ?	Bivalvia		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
TOTAL INDIVIDUALS			176	174	299	216.3	236.5	174	299	71.6	41.3	161.1	649
TOTAL SPECIES		22	13	15	15	14.3	14.0	13	15	1.2	0.7	2.6	43
TOTAL CRUST. INDIV.			55	42	62	53.0	52.0	42	62	10.1	5.9	22.8	159
TOTAL CRUST. SP.		9	6	6	6	6.0	6.0	6	6	0.0	0.0	0.0	18
GAMMARID INDIV.			27	23	34	28.0	28.5	23	34	5.6	3.2	12.5	84
GAMMARID SP.		6	4	5	4	4.3	4.5	4	5	0.6	0.3	1.3	13
OTHER CRUSTACEAN INDIV.			28	19	28	25.0	23.5	19	28	5.2	3.0	11.7	75
OTHER CRUSTACEAN SP.		3	2	1	2	1.7	1.5	1	2	0.6	0.3	1.3	5
TOTAL ECHINODERM INDIV.			0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL ECHINODERM SP.		0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL MOLLUSC INDIV.			1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3
TOTAL MOLLUSC SP.		3	1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3

TOTAL POLYCHAETE INDIV.		120	130	236	162.0	178.0	120	236	64.3	37.1	144.6	486
TOTAL POLYCHAETE SP.	9	6	7	8	7.0	7.0	6	8	1.0	0.6	2.3	21

STANUM	STATION	IDORG	DATE	LEG
40010.2	OFF CABRILLO BEACH	29	08/18/92	2

SPECIES	TAXA		NUMBER PER CORE			SUMMARY STATISTICS						
			rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Apoprionospio pygmaea	Polychaeta		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Armandia brevis	Polychaeta		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Cossura candida	Polychaeta		33	52	44	43.0	42.5	33	52	9.5	5.5	21.5	129
Eranno lagunae	Polychaeta		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Mediomastus acutus	Polychaeta		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Mediomastus californiensis	Polychaeta		17	5	29	17.0	17.0	5	29	12.0	6.9	27.0	51
Nephtys caecoides	Polychaeta		1	1	2	1.3	1.5	1	2	0.6	0.3	1.3	4
Nephtys cornuta	Polychaeta		0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Polydora cornuta	Polychaeta		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Prionospio lighti	Polychaeta		17	13	49	26.3	31.0	13	49	19.7	11.4	44.4	79
Pseudopolydora paucibranchiata	Polychaeta		1	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Scoletoma erecta	Polychaeta		1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
Streblospio benedicti	Polychaeta		0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
nemertea	Nemertea		1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3
Listriella goleta	Amphipoda		1	1	2	1.3	1.5	1	2	0.6	0.3	1.3	4
Euphilomedes carcharodonta	Ostracoda		2	1	12	5.0	6.5	1	12	6.1	3.5	13.7	15
Zeuxo normani	Tanaidacea		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Amphideutopus oculatus	Amphipoda		1	3	0	1.3	1.5	0	3	1.5	0.9	3.4	4
Corophium heteroceratum	Amphipoda		6	6	18	10.0	12.0	6	18	6.9	4.0	15.6	30
Synchelidium shoemakeri	Amphipoda		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Grandidierella japonica	Amphipoda		1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Bathyleberis californica	Ostracoda		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Mayerella banksia	Amphipoda		3	1	9	4.3	5.0	1	9	4.2	2.4	9.4	13
Mysella sp. B	Bivalvia		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Cooperella subdiaphana	Bivalvia		2	0	1	1.0	1.0	0	2	1.0	0.6	2.3	3
Theora fragilis	Bivalvia		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Corophium ? acherusicum	Amphipoda		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	TOTAL INDIVIDUALS		91	94	173	119.3	132.0	91	173	46.5	26.8	104.6	358
	TOTAL SPECIES	27	18	18	15	17.0	16.5	15	18	1.7	1.0	3.9	51
	TOTAL CRUST. INDIV.		16	14	42	24.0	28.0	14	42	15.6	9.0	35.1	72
	TOTAL CRUST. SP.	10	8	7	5	6.7	6.5	5	8	1.5	0.9	3.4	20

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GAMMARID INDIV.		13	12	30	18.3	21.0	12	30	10.1	5.8	22.8	55
GAMMARID SP.	7	6	5	4	5.0	5.0	4	6	1.0	0.6	2.3	15
OTHER CRUSTACEAN INDIV.		3	2	12	5.7	7.0	2	12	5.5	3.2	12.4	17
OTHER CRUSTACEAN SP.	3	2	2	1	1.7	1.5	1	2	0.6	0.3	1.3	5
TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
TOTAL MOLLUSC INDIV.		3	0	2	1.7	1.5	0	3	1.5	0.9	3.4	5
TOTAL MOLLUSC SP.	3	2	0	2	1.3	1.0	0	2	1.2	0.7	2.6	4
TOTAL POLYCHAETE INDIV.		71	78	129	92.7	100.0	71	129	31.7	18.3	71.2	278
TOTAL POLYCHAETE SP.	13	7	10	8	8.3	8.5	7	10	1.5	0.9	3.4	25

STANUM	STATION	IDORG	DATE	LEG
40010.3	OFF CABRILLO BEACH	30	08/18/92	2

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS						
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Aphelochaeta monilaris	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Apoprionospio pygmaea	Polychaeta	0	2	4	2.0	2.0	0	4	2.0	1.2	4.5	6
Armandia brevis	Polychaeta	2	1	2	1.7	1.5	1	2	0.6	0.3	1.3	5
Cossura candida	Polychaeta	88	65	87	80.0	76.5	65	88	13.0	7.5	29.3	240
Mediomastus californiensis	Polychaeta	61	41	32	44.7	46.5	32	61	14.8	8.6	33.4	134
Nephtys caecoides	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Nephtys cornuta	Polychaeta	1	3	1	1.7	2.0	1	3	1.2	0.7	2.6	5
Polydora cornuta	Polychaeta	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
Prionospio lighti	Polychaeta	80	53	36	56.3	58.0	36	80	22.2	12.8	49.9	169
Pseudopolydora paucibranchiata	Polychaeta	5	7	7	6.3	6.0	5	7	1.2	0.7	2.6	19
Scoletoma erecta	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
nematoda	Nematoda	4	8	3	5.0	5.5	3	8	2.6	1.5	6.0	15
nemertea	Nemertea	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Corophium heteroceratum	Amphipoda	16	28	80	41.3	48.0	16	80	34.0	19.6	76.5	124
Grandidierella japonica	Amphipoda	11	10	17	12.7	13.5	10	17	3.8	2.2	8.5	38
Amphideutopus oculatus	Amphipoda	4	1	5	3.3	3.0	1	5	2.1	1.2	4.7	10
Euphilomedes carcharodonta	Ostracoda	14	23	41	26.0	27.5	14	41	13.7	7.9	30.9	78
Bathyleberis californica	Ostracoda	3	3	3	3.0	3.0	3	3	0.0	0.0	0.0	9
Mayerella banksia	Amphipoda	3	2	5	3.3	3.5	2	5	1.5	0.9	3.4	10
Lophopanopeus bellus	Decapoda	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Oxyrustylis pacifica	Cumacea	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Monoculodes hartmanae	Amphipoda	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Cooperella subdiaphana	Bivalvia	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1

Protothaca staminea	Bivalvia		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Tellina modesta	Bivalvia		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Corophium ? acherusicum	Amphipoda		2	2	0	1.3	1.0	0	2	1.2	0.7	2.6	4
	TOTAL INDIVIDUALS		301	254	325	293.3	289.5	254	325	36.1	20.9	81.3	880
	TOTAL SPECIES	26	20	20	16	18.7	18.0	16	20	2.3	1.3	5.2	56
	TOTAL CRUST. INDIV.		54	71	151	92.0	102.5	54	151	51.8	29.9	116.5	276
	TOTAL CRUST. SP.	10	8	9	6	7.7	7.5	6	9	1.5	0.9	3.4	23
	GAMMARID INDIV.		36	44	107	62.3	71.5	36	107	38.9	22.5	87.5	187
	GAMMARID SP.	6	5	6	4	5.0	5.0	4	6	1.0	0.6	2.3	15
	OTHER CRUSTACEAN INDIV.		18	27	44	29.7	31.0	18	44	13.2	7.6	29.7	89
	OTHER CRUSTACEAN SP.	4	3	3	2	2.7	2.5	2	3	0.6	0.3	1.3	8
	TOTAL ECHINODERM INDIV.		0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL ECHINODERM SP.	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
	TOTAL MOLLUSC INDIV.		2	1	0	1.0	1.0	0	2	1.0	0.6	2.3	3
	TOTAL MOLLUSC SP.	3	2	1	0	1.0	1.0	0	2	1.0	0.6	2.3	3
	TOTAL POLYCHAETE INDIV.		239	174	171	194.7	205.0	171	239	38.4	22.2	86.5	584
	TOTAL POLYCHAETE SP.	11	8	9	9	8.7	8.5	8	9	0.6	0.3	1.3	26

STANUM	STATION	IDORG	DATE	LEG
40011.1	INNER HARBOR (CHANNEL 3)	31	09/01/92	3

SPECIES	TAXA	NUMBER PER CORE			SUMMARY STATISTICS						
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Acmira catherinae	Polychaeta	1	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3
Aphelochaeta monilaris	Polychaeta	7	1	2	3.3	4.0	1	7	3.2	1.9	7.2	10
Aphelochaeta multifilis	Polychaeta	15	10	7	10.7	11.0	7	15	4.0	2.3	9.1	32
Chaetozone corona	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Cossura candida	Polychaeta	39	14	41	31.3	27.5	14	41	15.0	8.7	33.9	94
Eranno lagunae	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Euchone limnicola	Polychaeta	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
Euclymeninae spp. indet.	Polychaeta	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Leitoscoloplos pugettensis	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Levinsenia gracilis	Polychaeta	7	1	9	5.7	5.0	1	9	4.2	2.4	9.4	17
Mediomastus californiensis	Polychaeta	20	3	8	10.3	11.5	3	20	8.7	5.0	19.7	31
Monticellina dorsobranchialis	Polychaeta	4	2	2	2.7	3.0	2	4	1.2	0.7	2.6	8
Monticellina sp. C	Polychaeta	4	1	0	1.7	2.0	0	4	2.1	1.2	4.7	5
Nephtys cornuta	Polychaeta	9	1	1	3.7	5.0	1	9	4.6	2.7	10.4	11
Pista alata	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Podarkeopsis glabra	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1